Appendix H

Phase I & II Environmental Site Assessment

Kimley»Horn

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND PHASE II SUBSURFACE INVESTIGATION

14005 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA

Prepared For:
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Los Angeles, California

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Date
January 2022

Project Number
1690024768-001

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SIGNATURE AND ENVIRONMENTAL PROFESSIONAL STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

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1. SUMMARY OF CONCLUSIONS

Ramboll US Consulting, Inc. (Ramboll) was retained by Rexford Industrial Realty, Inc. (Rexford, or the "Client") to perform a Phase I Environmental Site Assessment (ESA) and Phase II subsurface investigation of the property located at 14005 Live Oak Avenue in Irwindale, California[1] (herein referred to as the "facility" or the "site;" see Figures 1 and 2). Ramboll's assessment was conducted in connection with a potential purchase of the site.

The objective of the Phase I ESA, which was conducted in accordance with the scope and limitations of American Society for Testing and Materials (ASTM) International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E1527-13 (the "ASTM Standard") and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312), and the scope of services identified in the February 5, 2021 Master Environmental Consulting Services Agreement (MSA) between the Client and Ramboll, was to identify Recognized Environmental Conditions (RECs) as defined in the ASTM Standard (see Section 8).

1.1 Site Summary

H. N. and Francis C. Berger Foundation, a Delaware Corporation, owns the two-story BNY Mellon-occupied office building located in Irwindale, California. The approximately 5.12-acre site includes one parcel with the following Assessor Identification Number (AIN): 8535-001-033.

The site is improved with one approximately 56,510-square-foot building and associated surface parking areas. The site has been occupied by BNY Mellon (formerly The Bank of Mellon) since at least 2003 for the purpose of conducting investment banking payment processing activities.

Historically, between the 1940s and the 1990s, the site was part of a larger concrete pipe manufacturing operation operated by US Pipe and Foundry. Two on-site buildings associated with the manufacturing operation were demolished in c. 1992. The current two-story building and associated surface parking lot were constructed in 1992. Between 1992 and 2003, Hughes Markets Incorporated occupied the office building. Since at least 2003, the site has been utilized by Mellon (later BNY Mellon) as a bank payment processing center.

1.2 Recognized Environmental Conditions

Ramboll performed a Phase I ESA of the site located at 14005 Live Oak Avenue in Irwindale, California in conformance with the scope and limitations of the ASTM Standard. Any exceptions to, or deletions from, this practice are described in Section 6.5 of this report. This assessment has revealed no RECs in connection with the site.

1.2.1 Historical RECs (HRECs)

The following HRECs related to potential contamination concerns were identified:

- **1986 and 1989 Removal of USTs and Sump**. A filling station formerly was located on the site. Filling station operations included the use of three USTs (one 10,000-gallon diesel fuel, one 10,000-gallon gasoline, and one 1,000-gasoline USTs) which were removed from the site in 1986. During the removal of the former fuel tanks, five soil samples were collected from the tank excavation area and each sample was analyzed for petroleum hydrocarbons; detected TPH concentrations in the five samples ranged from less than 10 mg/kg to 560 mg/kg. The LACDPW issued a letter on February 10, 1987 stating the soils were not suitable as fill material and must be

[1] A former address associated with the site is listed as 14041 Live Oak Avenue, Irwindale, California.

manifested and transported to a hazardous waste disposal facility. The contaminated soil was removed for offsite disposal. Additional sampling was performed in 1987 in the area of the previous 1,000-gallon UST, as requested by the Los Angeles Fire Prevention Division because the two soil samples collected in this area during the 1986 sampling event detected TPH concentrations at 560 and 200 mg/kg. Two soil samples were collected from the 1,000-gallon tank excavation area, one from the east end and from the west end. Each sample was analyzed for TPH and TPH was not detected in either sample. On March 30, 1987, closure was granted for the three tanks, and a NFA status letter was issued for the three USTs by the LACDPW.

In March 1989, two additional USTs (a 3,000-gallon waste oil UST and associated 500-gallon sump (a.k.a. a UST) with a corresponding motor oil AST) that were not associated with the filling station were removed from the site under the oversight of the LACDPW, Waste Management Division. Soil samples collected beneath the north and south ends of the 3,000-gallon tank were analyzed for TRPH and volatile aromatics. Detections of TRPH ranged from 33 to 4,780 mg/kg. One sample indicated low levels of toluene (0.58 mg/kg). According to the LACDPW, the reported acceptable level of petroleum hydrocarbons to be left in soil was 100 mg/kg, and therefore, the TRPH-impacted soil was excavated in April 1989. An additional eight samples were collected beneath the 3,000-gallon tank following excavation activities and indicated TRPH in soils ranged from less than 1 mg/kg to 93.8 mg/kg. Closure was issued by the LACDPW on February 25, 1991.

- **1991 Removal of Underground Storage Tanks (USTs).** As stated above, a filling station formerly was located on the site. Filling station operations included the use of five documented USTs, two of which (one 10,000-gallon diesel fuel and one 10,000-gallon gasoline USTs) were removed from the site in 1991 and the remaining three of which were removed in 1986 (described under HRECs, Section 6.1.2). With regard to the two USTs removed in 1991, soil samples were collected from beneath the tanks to evaluate if soils had been impacted by the potentially leaking USTs; analytical results indicated non-detect concentrations of total petroleum hydrocarbons as gasoline (TPHg) beneath the gasoline tank and low concentrations of total recoverable petroleum hydrocarbons (TRPH) below the diesel fuel tank. Additional samples subsequently were collected beneath the diesel fuel tank to assess the magnitude and extent of the TRPH impacts; soil samples were non-detect for TRPH but indicated low concentrations of toluene, xylenes, and ethylbenzenes. The impacted soil was removed and stockpiled on-site and later moved to another location off-site in case further treatment was deemed necessary. According to documents reviewed by Ramboll, no soil stockpiles were left at the site. A closure report was submitted to the Los Angeles County Department of Public Works (LACDPW) in 1991, however, the LACDPW subsequently requested additional sampling (including sampling and testing for methyl-tertiary-butyl [MTBE]) prior to granting closure. A 2000 soil boring investigation was completed in the area of the former USTs with the goal of obtaining closure status for the two formerly 10,000-gallon USTs during which five additional soil borings were drilled and sampled for TPH and metals at locations around the former USTs. Results of the laboratory analysis during the 2000 investigation "showed no indication of petroleum hydrocarbons remaining in the soil, and lead concentrations were indicative of background levels in soil for the area." Following the additional investigation, the LACDPW issued closure certification on September 14, 2005 for the two former USTs removed in 1991.

1.3 Other Findings

Although not considered to be RECs, Ramboll identified the following notable other findings. The term "other finding" is not defined by ASTM; rather, Ramboll uses the term to connote areas of contingent risk that are not clearly defined by the ASTM Standard.

- **Past Industrial Operations at the Site.** Between the late 1940s and the early 1990s, the site, as part of a larger property (US Pipe and Foundry), was used in concrete pipe manufacturing operations. Operations related to the pipe manufacturing company conducted at the site included a headquarters office building, a large automotive service garage (with a waste oil sump and associated tank), and gasoline/diesel fuel filling station (with several underground storage tanks [USTs]), a cesspool (septic tank), and a railroad line with loading and unloading activities. These former industrial operations included or may have included the use of petroleum products, solvents, adhesives, paints, metals, acids, caustics, corrosives, and/or other chemicals, including potential solvent use in the service garage area. Subsurface investigations performed at the focused on the removal and subsequent assessment of former USTs at the site (as described in the ensuing sections of this report), and limited soil sampling was performed in the vicinity of the service garage and cesspool including trenching and surface sampling. Soil samples were tested for solvents, CAM metals and benzene, toluene, ethylbenzene, and xylenes (BTEX). Samples collected around the former cesspool indicated low concentrations of ethylbenzene (3 micrograms per liter [µg/L]), below screening levels. The one soil sample collected around the garage area did not detect volatile organic compounds (VOCs) via USEPA Method 8240. Ramboll requested information from the Los Angeles Regional Water Quality Control Board (LARWQCB) and additional agencies (see Section 2.1) for the current and former site addresses in an attempt to further assess environmental concerns associated with the former industrial operations performed at the site; however, only limited information has been provided to date. To address the largely unknown historical features and nature of historical activities, Ramboll conducted a subsurface investigation at the site that included collection of soil and soil vapor samples in January 2022. Based on the results of the limited soil and soil vapor sampling conducted as part of this subsurface investigation, Ramboll concluded the following: total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs) were not detected in soil above applicable screening criteria; arsenic was the only metal detected in soil at concentrations above screening levels but below established California background levels. In soil vapor, no VOCs were reported above applicable DTSC/USEPA commercial existing building screening levels using the 0.001 attenuation factor (AF). Benzene was reported in only one sample above applicable DTSC/USEPA commercial existing building standards using the screening level calculated using the highly conservative 0.03 AF. Based on the subsurface investigation conducted by Ramboll (see Section 6 for additional details), it is unlikely the historical operations have significantly impacted the subsurface and no additional sampling is recommended.
- **San Gabriel Valley (Area 2) Baldwin Park, CA National Priorities List (NPL).** The site is located within the Baldwin Park Operable Unit (BPOU) of the San Gabriel Valley superfund site, which comprises approximately eight square miles of contaminated groundwater. The main contaminants of concern are chlorinated volatile organic compounds (VOCs), namely tetrachloroethene (PCE), trichloroethene (TCE), carbon tetrachloride, perchlorate, n-nitrosodimethylamine, 1,2,3-trichloropropane, and 1,4-dioxane. Since 2006, groundwater plumes have been controlled through the use of groundwater extraction wells, treatment of VOCs with air stripping or liquid phase granular activated carbon (LPGAC), ion exchange, and ultraviolet light and hydrogen peroxide system. Treated groundwater is conveyed to the public water

distribution system. The most recent "Five-Year Review" was completed in 2017 and concluded that the superfund site remedy continued to be protective of human health and the environment. Although the site is located within the boundaries of the BPOU, according to the most recent Annual Performance Evaluation Report conducted by the EPA (dated April 2021) which includes the BPOU, the site is located at least 0.7-mile crossgradient of the identified VOC contaminant plume.

The site is listed in the Well Investigation Program (WIP) database related to the BPOU site investigation. The WIP is a program that was implemented to identify facilities that may have contributed to groundwater impacts associated with San Gabriel Valley Area 2. The status of the WIP listing for the site is listed as "backlog;" however, no subsurface investigations appear to have been conducted at the site with respect to the WIP listing. The WIP program is no longer in use. Existing WIP cases that are still begin assessed or remediated are overseen under the SLIC Program. A listing of "backlog" is not anticipated to cause for concern to the site.

Based on the available information, there is no indication that groundwater contamination associated with the BPOU is migrating to the site. If contamination associated with the BPOU is found to have migrated onto the site, it is expected that any investigation/remedial activities would be the responsibility of the entity(ies) named in the listing or other designated responsible party and not the owner of the Property.

A discussion of *de minimis* conditions, and non-scope considerations identified during this review is presented in Section 6 of this report.

2. INTRODUCTION

2.1 Scope of Work for the Phase I

Ramboll was retained by Rexford to conduct a Phase I ESA of the site in Irwindale, California. The Phase I ESA relied upon the references noted below and included the following tasks consistent with the ASTM Standard and the scope of services identified in the MSA between the Client and Ramboll:

- A visit to the site by Stephanie Eckelman of Ramboll on December 6, 2021 to observe the exterior and interior features of the site and to identify the uses and conditions specified in Sections 9.4.1 through 9.4.4.7 of the ASTM Standard. In addition, Ramboll observed the adjoining properties from the site or adjacent public thoroughfares. Limited photographs taken during the site visit[2] are presented in Appendix A.
- An interview during the site visit with the following individual (year of initial hire at the site indicated in parentheses): Lourdes Paez, Facility Manager with BNY Mellon (2014). The aforementioned individual is referred to herein as "facility personnel." The facility personnel interviewed by Ramboll was identified by the Company as having good knowledge of the uses and physical characteristics of the site.
- A review of information contained in federal and state environmental databases, as obtained from the sources noted below:
  - A radius report prepared by EDR, Inc. (EDR; see Appendix B), which presents the results of searches of federal and state databases for the site, as well as properties near the site. The radius searched for each database, as well as the databases themselves, was selected in accordance with the ASTM Standard.
  - The USEPA's EnviroFacts database, which provides site information contained in multiple USEPA regulatory databases.
  - A review of the California Water Resources Control Board's GeoTracker website (GeoTracker), which provides information with respect to releases to soil and groundwater in the site vicinity.
  - A review of the California Department of Toxic Substances Control's (DTSC's) EnviroStor (EnviroStor) website, which provides information with respect to property cleanups in the site vicinity.
  - A review of the California Geologic Energy Management Division (CalGEM) website, which provides information regarding the locations of oil and gas wells on and in the vicinity of the site.
  - A review of the National Pipeline Mapping System (NPMS) Public Viewer website, which provides information regarding the locations of hazardous liquid and gas pipelines on and in the vicinity of the site.
- A review of standard historical sources (included as Appendix C) and local agency inquiries, as defined in the ASTM Standard. The following resources were reviewed:
  - Readily available historical sources (as identified in Section 4.2 of this report and included as Appendix C) to develop a history of the previous uses of the site and surrounding area.

[2] Due to security concerns, the facility personnel requested photos be limited to storage closets and exterior photos only.

  - Historical and site-specific information obtained from the Los Angeles County Assessor Portal, the LACDPW, and the Los Angeles County Fire Department – Health Hazardous Materials Division (County Fire Department - HHMD) for the current site address. In addition, Ramboll requested records from the County Fire Department – HMMD for the former site addresses; however, personnel from this agency reported having no records pertaining to the former site addresses. Ramboll also requested information from the following local agency for the current and former site addresses: City of Inglewood Building Department (Building Department),. Lastly, Ramboll requested information from Los Angeles County Public Health Investigator (PHI); however, the agency referred Ramboll to the Fire Department - HHMD for records pertaining to the site (see above).
  - A Freedom of Information Act (FOIA) request to the DTSC and LARWQCB for information related to the site. Pertinent historical and site-related information contained in the DTSC and LARWQCB records has been incorporated into the appropriate sections of this report.
- A review of documents available on the GeoTracker database and in the LACDPW records, including the following:
  - *Soil Sample Analysis for United Concrete Pipe Company at 14041 Live Oak Drive, Baldwin Park*, prepared by Brown and Caldwell and dated January 1987 (the "1987 Brown and Caldwell report");
  - *Tank Closure Report prepared for Rudy's Service Station,* prepared by Terra Tech Labs, Inc., dated July 8, 1989 (the "1989 Tank Closure Report").
  - *Preliminary Endangerment Assessment (PEA) for the United Concrete Pipe Manufacturing Facility*, prepared by Woodward-Clyde Consultants, dated June 14, 1990 (the "1990 PEA").
  - *Soil Boring Investigation Former Hughes Market Facility, LACDPW Closure Permit #7963B*, prepared by URS/Dames & Moore, dated November 1, 2000 (the "2000 Soil Boring Investigation").
- A review of physical setting sources, as defined in the ASTM Standard, including:
  - The current United States Geological Survey (USGS) 7.5-minute topographic map that shows the area on which the site is located.
  - Geologic, hydrogeologic, and/or hydrologic sources as provided in the EDR database report and previous investigation reports, as listed above.
- A review of a Preliminary Title Report issued by Chicago Title Company for the site on October 27, 2021.
- A review of any information provided by the User of this assessment, including information consistent with Appendix X3 of the ASTM Standard. Pertinent information, if any, is discussed in the appropriate sections of this report.

This assessment was conducted in accordance with the methodology specified in ASTM Standard E1527-13, as agreed upon by Ramboll and Rexford in a Work Order entered into in November 2021. Although Ramboll did not conduct surveys for the presence of asbestos, lead-based paint, mold, or radon, an assessment of the potential presence of such was evaluated based solely on the date of construction of the building at the site for the potential presence of asbestos and lead-based paint, information provided during the site visit for the potential presence of mold, and information provided in the EDR report for the potential presence of radon.

2.2 Scope of Work for the Phase II Subsurface Investigation

- Pre-Field Activities, Mobilization, Geophysical Survey and Utility Clearance,
  - Prepare a Health and Safety Plan, notify Underground Service Alert (Dig Alert), and contract with a private utility subcontractor. The geophysical contractor cleared proposed boring locations for obstructions or anomalies.
- Soil and Soil Vapor Sampling
  - Advance 11 soil borings at the site and collect soil samples for analysis.
  - Install temporary soil vapor probes and collect soil vapor samples for analysis.
- Data Evaluation and Reporting
  - An analysis and review of the findings from the sampling event are included within this report.

2.3 Significant Assumptions

In conducting this review, no significant assumptions were made, except for the following:

- Site-specific field measurements or other detailed hydrogeological information was not publicly available or reasonably ascertainable. In the absence of such data, Ramboll has assumed that the flow direction of shallow groundwater beneath the site and in the local vicinity generally mimics surface topography. Therefore, in evaluating potential on-site impacts from off-site sources, those off-site facilities not located adjacent to or within one-quarter mile upgradient of the site are not considered likely to represent an environmental concern to the site. This interpretation is based on the assumption that a hazardous material released to the subsurface generally does not migrate laterally within the unsaturated soil for a significant distance, although a hazardous material can migrate in the groundwater in a generally downgradient direction.

2.4 Reliance and General Limitations

This report has been prepared for the exclusive use of Rexford Industrial Realty, L.P. and/or its subsidiaries, as their interests may appear, for the transaction at issue concerning the site and may not be relied upon by any other person or entity without Ramboll's prior express written permission, except as set forth in the Master Services Agreement between Ramboll and the Client (the "MSA"). In the event of any conflict between the terms and conditions of this report and the terms and conditions of the MSA shall control.

This report is considered current only for a period of 180 days from the site inspection. The conclusions presented in this report represent Ramboll's professional judgment based upon the information available and conditions existing as of the date of this report. In performing its assignment, Ramboll must rely upon publicly available information, information provided by the client, and information provided by third parties. Accordingly, Ramboll can neither warrant nor guarantee the extent to which the information provided to Ramboll was accurate and complete; however, Ramboll evaluated the reliability and thoroughness of such information. This review is not intended as legal advice, nor is it an exhaustive review of site conditions or facility compliance. Ramboll makes no representations or warranties, expressed or implied, about the conditions of the site.

Ramboll's scope of work for this assignment did not include collecting samples of environmental media. As such, this review cannot rule out the existence of latent conditions including contamination not identified and defined by the data and information available for Ramboll's review; however, this

report is intended, consistent with normal standards of practice and care, to assist the client in identifying the risks of such latent conditions.

Other issues considered outside the scope of the ASTM Standard and this review include regulatory compliance, lead in drinking water, wetlands, polychlorinated biphenyls (PCBs) in building materials, cultural and historical resources, ecological resources, endangered species, fire safety, and high voltage power lines.

3. SITE DESCRIPTION

3.1 Site Setting

BNY Mellon leases the two-story office building located at 14005 Live Oak Avenue in Irwindale, Los Angeles County, California. The approximately 5.12-acre site is located approximately 2 miles north of the City of Baldwin Park.

According to the Los Angeles County Assessor Portal, the assessor's identification number (AIN) for the site is 8535-001-033. The site is improved with an approximately 56,289-square-foot two-story office building, which is located in the central portion of the site. The remaining portions of the site are improved with landscaping and surface parking areas. Additional features on-site include two diesel fuel powered emergency generators located along the northern edge of the building, and a guard shack located along the western site entrance.

The primary site access is via Stewart Avenue at the western site boundary. Additional site access is via Live Oak Avenue to the south of the site. There are no on-site surface water bodies.

Table 1 provides an overview of physical setting and utility information for the site.

Table 1: Physical Setting and Utility Information

Conditions	Source	Description
Topography		
Elevation (above mean sea level)	USGS topographic map; Google Earth	Ranges from approximately 417 feet along the northeastern site boundary to 409 feet along the southwestern site boundary.
Topographic Gradient	USGS topographic map; visual observations; Google Earth	Relatively flat on-site, with a gentle downward slope to the southwest. Regional topography slopes generally south-southwest.
Local Land Use	Visual observations	The facility is located in a predominantly commercial land use area. North: Rivergrade Road, followed by AP Express Champion Logistics warehouse and shipping company, Charlies Produce, Cacique Inc and WorldPack AP Express warehouse. West: The site is bounded on the west by Steward Avenue, followed by Condor Outdoor Products warehouse with a Shell Gas station beyond. South: Live Oak Avenue, followed by Cremi Mix Inc. (dairy supplier), Kids Cars LA-Ride on Cars (toy store), and a residential area. Southeast: Waste Management headquarters and truck parking. East: To the northeast a semi-truck parking lot and vacant land with Arrow Highway beyond. Directly east is a vacant, undeveloped parcel of land. Ramboll did not observe any conditions on adjacent properties that indicate a potential contamination concern to the site.

Table 1: Physical Setting and Utility Information

Conditions	Source	Description
Nearest Residence	Google Earth	Approximately 520 feet south of the site beyond Live Oak Avenue.
Hydrology		
Storm Water Runoff	Visual observations	Stormwater follows a slight slope southwest on the site and drains to stormwater drains located through the site which discharge to drains located along Live Oak Avenue or Stewart Avenue.
Nearest Surface Water Body to the Site	USGS topographic map	The facility is located approximately 0.75 mile southwest of the Santa Fe Dam Recreational Area.
Flood Plain	FEMA*	The site is located outside of a flood zone.
Wetlands	NWI*	There are no federally-designated wetlands on-site.
Geology and Hydrogeology		
Presumed Direction of Shallow Groundwater Flow	USGS topographic map; EPA Superfund Sites webpage	Based on topography, groundwater flow direction is anticipated to flow to the south-southwest. According to the information provided on the EPA Superfund webpage, groundwater flow monitored for the San Gabriel Superfund Site indicates groundwater flow is generally to the southwest.
Depth to Groundwater	GeoTracker; 1990 PEA	Information is not available for the site. According to information provided in the United Concrete PEA, in a well sampled east of the site on the adjacent property, groundwater is anticipated to be deeper than 170 feet below ground surface (bgs).
On-site Wells	Visual observations; CalGEM; Database report	No oil and gas, monitoring, or production wells on the site.
On-Site Hazardous Liquid and Gas Pipelines	NPMS Public Viewer website	There are no gas transmission or hazardous liquid pipelines on or within 0.25 mile of the site.
Nearest Groundwater Supply Wells	Database report	There are no public water supply wells located within one mile of the site. Numerous State registered private or municipal wells that may be used for water supply are located within one mile from the site.
Geologic Conditions	1990 PEA	According to the 1990 PEA, soils in the vicinity of the site consist of sands with gravel. Alluvial deposits consist primarily of gravel, sand, silt, and clay.

Table 1: Physical Setting and Utility Information

Conditions	Source	Description
Site Utility Information		
Heating and Cooling Equipment	Visual observations; Facility Personnel	Natural-gas fired heating units supply building heat. The building is cooled with four large air conditioning units.
Natural Gas Service	Facility Personnel	The site is provided with natural gas service by Southern California Gas Company.
Use of Fuel Oil for Building Heat	Facility Personnel	No known current or former use of fuel oil for building heat.
Foam-based Fire Suppression System	Facility personnel	According to facility personnel, the site is not equipped with a built-in foam-based fire suppression system.
Water Supply	Facility personnel	The facility receives drinking water from the Los Angeles County Water District.
Sanitary Sewer	Facility personnel	The facility discharges wastewater to the municipal sanitary sewer system.
Septic Systems	Visual observations; Facility personnel	No current septic systems were observed on the site. One historic cesspool (septic system) was formerly located at the site west of the current building.

Notes:

FEMA = Federal Emergency Management Agency; NCSS = National Cooperative Soil Survey; NWI = National Wetlands Inventory

* - Source was provided in the environmental database report.

During the site visit, Ramboll walked or drove by the borders of the properties that are adjacent to the site. Ramboll did not enter the neighboring properties.

3.2 Current Use of Site

3.2.1 Current Operations

The site is currently occupied by BNY Mellon as a processing center which involves the accepting of payments and transactions from customers, processing same, and submitting the funds to the business's bank account. Ancillary operations at the facility include administrative and janitorial activities. Building, diesel fuel emergency generator, and hydraulic elevator maintenance, as well as landscaping and pest control services, are contracted to outside vendors. The facility does not maintain any raw materials and does not conduct any manufacturing or fabrication activities at the site. Janitorial supplies, including hand soap and sanitizer, are used in small quantities (containers of one gallon and smaller). Petroleum use (hydraulic oils and diesel fuel) on site includes two hydraulic elevators and an emergency generator, respectively. Facility personnel knew of no use of chlorinated

solvents by the Company. According to facility personnel, BNY Mellon's operations have remained generally consistent during its period of occupancy at the facility.

3.2.2 Waste Management

Hazardous wastes are not routinely generated at the site, other than the generation of limited amounts of universal wastes (e.g., fluorescent light bulbs, batteries).

Nonhazardous waste generated at the site consists of general trash. General facility trash is collected in an on-site uncovered dumpster for removal by Athens Services. The dumpster is positioned on pavement in the northeastern portion of the parking lot.

3.2.3 Wastewater and Storm Water

Sanitary wastewater, which includes wastewater from bathroom and kitchen areas, is discharged to the municipal sanitary sewer system. The facility does not generate process wastewater other than floor mop water, which is discharged to the municipal sanitary sewer system from sinks located in the janitorial closets.

Storm water at the site enters storm drains in paved areas of the site. These storm drains discharge the storm water to the municipal storm sewer systems located on Live Oak Avenue or Stewart Avenue.

3.2.4 Air Emissions

Air emissions from the facility are limited to combustion products from the facility's natural gas fired backup generators and comfort heating system.

4. REVIEW OF PUBLIC RECORDS AND OTHER INFORMATION SOURCES

4.1 Environmental Regulatory Database Review

Ramboll contracted with EDR in November 2021 to prepare a summary of listings in federal and state agency databases for the site and facilities within applicable radii of the site, as specified by the ASTM Standard.[3] A copy of the EDR database search report is presented in Appendix B.

4.1.1 Database Review for Site

Ramboll reviewed the results of the state and federal environmental database searches performed by EDR (see Appendix B) and also searched the California GeoTracker and EnviroStor databases. The site is listed on several environmental databases, as discussed in Table 2. As noted previously, the site historically was part of a larger 74-acre property listed as 14041 Live Oak Avenue. Therefore, many of the listings for the site address were not for features/issues on the site but pertain to features/issues on the larger property.

Table 2: Summary of Environmental Database Listings for the Site

Summary of Information Contained in Database	Ramboll's Comments
Ralphs Grocery Company (former Hughes Family Market) is listed on the Los Angeles County Hazardous Materials System (HMS), Cleanup Program Sites Spills, Leaks, Investigations and Cleanups (CPS-SLIC), and California Environmental Reporting System (CERS) databases. The CPS-SLIC and CERS listings relate to the removal of a 2,000-gallon waste oil UST located on the adjacent parcel to the east in April 1991. During tank removal, confirmation sampling indicated petroleum impacts were reported beneath the former UST. Following excavation activities, confirmation soil samples indicated low concentrations of TPH remained in soil at the site. The Los Angeles Co HMS permit is listed as closed.	Ramboll reviewed GeoTracker and agency documents regarding the CPS-SLIC investigation and determined that the listing was associated with the adjacent property and not the site, and that there was no indication that this subsurface soil release had adversely impacted the site. Thus, this listing is not further discussed.
Hughes Markets is listed on the Resource Conservation and Recovery Act - Small Quantity Generators (RCRA-SQG) database as a hazardous waste generator. According to the database, no manifests were generated from the site. No violations were reported. Ralphs Grocery Co is listed in the DTSC Hazardous Waste Tracking System (HWTS) database for generating hazardous wastes including 0.231 ton of aqueous solution with total organic residues less than ten percent in 1996.	These listings do not suggest a contamination concern to the site. Wastes generated at the site are further discussed in Section 3.2.2

[3] EDR uses the term "radii" to refer to the ASTM terminology "approximate minimum search distance" in the environmental database report.

Table 2: Summary of Environmental Database Listings for the Site

Summary of Information Contained in Database	Ramboll's Comments
Ralphs Grocery Co/ Hughes Markets Inc. is listed on the Statewide Environmental Evaluation and Planning System UST (SWEEPS UST) and UST databases for three 12,000-gallon diesel fuel USTs located at the site (later determined to be off-site adjacent to the northeast) with an "active" status as of August 11, 1992. No further information is provided in the database.	A review of GeoTracker documents indicated that two 12,000-gallon diesel fuel UST and one 12,000-gallon gasoline USTs were removed from the adjacent property to the north of the site in 2003 on behalf of The Realty Associated Fund V. L.P. The USTs were reportedly installed in 1992 and last used in 1998. Records reviewed from the LACDPW indicated the USTs were located on the adjacent parcel to the north (and not on the site) which formerly shared an address with the site. The USTs received closure from the LACDPW following the removal of gasoline-impacted soil. The USTs are not a concern to the site.
The Realty Associates Fund is listed on the LOS ANGELES CO. HMS database, likely pertaining to the former closed USTs removed from the adjacent property listed/described above.	The listing is for an adjacent property and does not suggest a contamination concern to the site.
The Koll Co./United Concrete Pipe, 14041 East Live Oak Avenue, is listed on the Leaking Underground Storage Tank (LUST), CPS-SLIC, LA Co. Site Mitigation, RCRA-SQG, and CA ENVIROSTOR databases. As noted previously, the 14041 East Live Oak address is for the larger property, including the site. The ENVIROSTOR database lists the status as a Historical Site with No Further Action as of September 1990. A Preliminary Endangerment and Assessment Report was prepared for the entire property including the site in June 1990. The EDR database indicated the entire property including the site was issued a NFA status "*based on lack of significant hazardous constituents in the soil. Mineral oil was the primary contaminant in the soil (located on the adjacent property) which is not considered to be hazardous. The site manufactured large concrete pipe sections to be used for pipelines and sewers*". No contaminants were reportedly detected in the soil. The site address (listed as City of Irwindale) transported 0.417 ton (two 55-gallon drums) of unspecified oil-containing waste from the site address in 2010. It is unclear if this listing was for the site or adjacent property. In 1989, 1X United Concrete Pipe Corp transported 5.125 tons of asbestos containing waste and 120 tons of contaminated soil from a site clean-up. This listing likely pertains to former building demolition activities in preparation for the current building construction as well as adjacent property construction activities.	These listings are further discussed in Sections 4.4. and 6.1.

Table 2: Summary of Environmental Database Listings for the Site

Summary of Information Contained in Database	Ramboll's Comments
The site address listed as United Concrete Pipe is listed on the LUST database. It is unclear if this listing was for the site or adjacent property. The site address listed as The Koll Co/United Pipe Concrete is listed on the CPS-SLIC database with an Open-Inactive status as of 1965. The lead agency is the LARWQCB. The LA Co. Site Mitigation database indicated the site was abated on May 1, 1991. The CERS listing relates to the site being a Cleanup Program Site. As noted in Section 6, the site received closure from the LARWQCB. It is unclear if this listing was for the site or adjacent property. GeoTracker database documents indicate at least seven diesel fuel and gasoline USTs (between 1,000 and 10,000 gallons in size) were listed at the site as being installed between 1940 and 1979.	
The site address (noted as Hughes Markets at 14005 Live Oak) as well as the larger property are listed on the WIP database pertaining to its association with the San Gabriel Valley Area 2 National Priorities List.	The site and the larger property are listed in the WIP database related to the San Gabriel Valley (SGV) site investigation. The SGV is a regional National Priorities List (NPL) property, with known and potential groundwater contamination extending across a wide geographic area. The status of the site is listed as "Backlog." The WIP is a program that was implemented to identify facilities that may have contributed to the groundwater plume associated with the SGV Area 2. The WIP program is no longer in use. Existing WIP cases that are still begin assessed or remediated are overseen under the SLIC Program. This matter is further discussed in Sections 4.4 and 6 of this report.

Notes:

* The site address is also listed on the following databases related to regulatory compliance: Enforcement and Compliance History Information (ECHO), Hazardous facility and manifest data (HAZNET), EMI and Facility Index System/Facility Registration System (FINDS). Listings on these databases, by themselves, are not necessarily indicative of contamination.

4.1.2 Database Review for Adjoining Properties

Based on a review of the environmental database search report, Ramboll identified the adjoining properties listed on Table 3 on databases indicative of a potential contamination concern.

Table 3: Contamination-Related Database Listings for Adjoining Properties 1

Listing Name or Address and Location Relative to the Site	Summary of Information Contained in Database	Ramboll's Comments
Fuller & Associates/Sunburst Drapery Cleaners Fireproofing 14160 Live Oak Ave (adjacent to the south)	The property is listed on the EDR Historical Cleaners database from 1986 through 2014. The property is listed as using perchloroethylene (PCE) in 1984. The property utilized a "dry to dry" non-vent perchloroethylene machine equipped with a vapor recovery unit with a compress and condenser. The property is listed on the CPS-SLIC database as a Cleanup Program Site with contaminants of concern including PCE and TCE impacts to drinking water. The status of the property is "Open-Site Assessment" as of March 2018.	According to documents reviewed on GeoTracker for the property, subsurface investigations have been ongoing at the property since 1996 under regulatory oversight by the LARWQCB. Multiple subsurface investigations (soil and soil vapor) conducted at the property indicate the bulk of PCE impacted soil remains beneath the building with the most recent maximum PCE detections up to 6.5 micrograms per kilogram (µg/kg) at five feet bgs. No TCE was detected above laboratory reporting limits. The most recent investigation included the installation of three multi-nested soil vapor wells installed at the property between 5 and 40 feet bgs to monitor PCE in the soil vapor. Indoor air sampling did not indicate the presence of PCE or TCE above DTSC screening levels. Although indoor air samples did not detect PCE or TCE, the LARWQCB required additional subsurface vapor sampling to assess potential health risks to residents south of the property. Additional subsurface sampling planned includes installing a soil vapor well to a depth of 80 feet bgs along the southern portion of the property. Groundwater was not encountered during the multiple subsurface investigations conducted at the property. Because this off-site and downgradient property is currently under active oversight by the state agency, and its soil vapor plume has been defined to be at least 900 feet southeast and downgradient of the site, it is unlikely that this property has the potential to impact the site. Thus, this off-site and downgradient listing does not represent a significant environmental concern to the site.
Irwindale MRF and Transfer Station 220 Arrow Highway (Adjacent to the east of the site)	The property is listed on the Solid Waste Information System (SWF)/Active, Closed or Inactive Landfills (LF) database.	The property is listed as a "proposed/planned" transfer station (non-disposal only) property for construction/demolition waste and recycling only to be operated by Athens Services. Due to the planned operation status, this off-site listing does not represent a significant environmental concern to the site.

Table 3: Contamination-Related Database Listings for Adjoining Properties [1]

Listing Name or Address and Location Relative to the Site	Summary of Information Contained in Database	Ramboll's Comments
The Realty Associates Fund VLP (former Hughes Family Market) 5305 North Rivergrade Rd (adjacent to the northwest)	This property (formerly listed under the same address as the site) is listed on the LUST database with a Case Closed status.	Ramboll reviewed GeoTracker documents which list three former USTs removed from the property in 2003. Excavation activities conducted included the removal of 47 tons of petroleum impacted soil. At the direction of the LACDPW, additional confirmation sampling was conducted in 2005. The results of the assessment indicated total petroleum hydrocarbon impacts as gasoline (maximum concentration of 240 mg/kg) and diesel fuel (maximum concentration 7,800 mg/kg) were limited to shallow soils in the vicinity of the former fuel dispensers at depths of approximately 20 feet bgs. The LARWQCB. granted closure to the property in March 2007. Based on the localized soil contamination and the case closed status of this property, this off-site listing does not represent a significant environmental concern to the site.
Multiple Properties (Adjacent to the south across Live Oak Avenue)	Several properties located adjacent to the south of the site beyond Live Oak Avenue are listed in the CA WIP database with a status reported as either "historical" or "not reported." No further information is provided.	The properties are listed in the WIP database related to the "SGV Area 2 site investigation." The WIP is a program that was implemented to identify facilities that may have contributed to the groundwater plume associated with the SGV Area 2 that is discussed above. The WIP program is no longer in use. Existing WIP cases that are still begin assessed or remediated are overseen under the SLIC Program. This matter is further discussed in Sections 4.4 and 6 regarding the SGV Area 2 NPL.

Notes:

[1] Ramboll's analysis of adjoining properties was based on observations made during the site reconnaissance (as discussed in Table 2) and location information for off-site listings as presented in the database report. Also, for purposes of this analysis, Ramboll considers as "adjoining" properties that are adjacent, even if separated by a road or other physical barrier. Ramboll has not included a discussion of compliance-related databases in this table, as Ramboll considers it unlikely that off-site properties listed on compliance-related databases without indication of a release or chemical mishandling represent a potential risk for contamination to the site.

4.1.3 Database Review for Other Surrounding Properties

Ramboll identified one non-adjoining property that represents a potential contamination concern to the site due to past releases on this property and possible migration onto the site, as detailed in Table 4.[4]

Table 4: Summary of Environmental Database Listings for Surrounding Properties that Represent a Potential Contamination Concern

Listing Name or Address and Location Relative to the Site	Summary of Information Contained in Database	Ramboll's Comments
San Gabriel Valley (SGV) Area 2- BPOU Sunset & San Bernardino Freeway Baldwin Park (approximately 0.7 mile southeast)	SGV is a regional NPL, with known and potential groundwater contamination extending across a wide geographic area. The contaminants of concern are chlorinated VOCs (specifically PCE, TCE, carbon tetrachloride, perchlorate, n-nitrosodimethylamine, 1,2,3-trichloropropane, and 1,4-dioxane), and the contamination has migrated off-site to the southwest.	The SGV Area 2 is a Superfund listing for groundwater contamination underlying portions of the cities of Azusa, Irwindale, Baldwin Park, West Covina, La Puente, and Industry. The SGV Area 2 is currently undergoing groundwater remediation under the supervision of USEPA. Potentially Responsible Parties (PRPs) have been named and do not include current or prior occupants of the site, and the Company is not considered a PRP for the Superfund listing. The site is located within the BPOU, however, plume maps indicate that the extent of groundwater contamination has been delineated to within 0.7 mile east of the site with a groundwater flow direction to the southwest. Groundwater remediation including five large ground water treatment systems is ongoing. The USEPA periodically monitors the air inside homes and businesses where vapor intrusion was found. Vapor intrusion evaluation is on-going; however, details of which homes or businesses are being monitored was not provided. The contamination is being addressed with regulatory oversight. Based on the available information, there is no indication that groundwater contamination associated with the BPOU is migrating to the site and it is therefore not a significant environmental concern. This matter is further discussed in Section 6.

The database report indicates that poor or inadequate address information was available for several properties located in the vicinity of the site; therefore, these properties could not be readily mapped by EDR. Because the location of these properties with respect to the site could not be evaluated, Ramboll is limited in its ability to express an opinion regarding the potential for impact to the site from these properties. It was beyond the scope of this review to accurately locate each of the unmapped properties identified by EDR; however, Ramboll reviewed the list of unmapped properties and verified that none appeared to be adjacent to the site other than the following: General American Life

[4] In its evaluation, Ramboll considered only non-adjoining properties listed on databases indicative of contamination, with open status, located potentially upgradient of the site to represent a potential risk for contamination to the site (as the issuance of regulatory closure suggests that impacts to the site from the noted off-site property are unlikely).

Insurance is listed at East Live Oak and Rivergrade Road, adjacent to the west of the site. The property is listed on the California Integrated Water Quality System (CIWQS) for a storm water construction permit. The permit was issued in 1998 and terminated in 2001. No issues or violations were listed associated with this listed orphan property.

4.2 Historical Uses of the Site and Adjacent Properties

4.2.1 Past Uses of the Site

According to a historical Preliminary Endangerment Assessment prepared by Woodward-Clyde, the site is an approximately 5.12-acre portion of an approximately 74-acre concrete pipe manufacturing property which was constructed as early as 1936. Operations related to the pipe manufacturing company conducted at the site included a headquarters office building, a large automotive service garage and gasoline/diesel fuel filling station, and railroad line with loading and unloading activities. US Pipe and Foundry operated at the site from the 1940s through the 1990s. US Pipe and Foundry (later owned by The Koll Company) operated from the 1940s through 1992 when the two former buildings at the site were demolished to make room for the present-day two-story office building. Between 1992 and 2003, Hughes Markets Incorporated occupied the office building and utilized it as a headquarters building with a sign/print shop located on the first floor. Mellon Financial (later BNY Mellon) has occupied the site since 2003.

A summary of Ramboll's key observations from the available historical sources is presented in Table 5.

Table 5: Summary of Key Observations from Historical Sources for the Site

Historical Source	Key Observations Regarding Site History
Aerial Photographs (1928, 1938, 1948, 1952, 1964, 1977, 1979, 1981, 1983, 1990, 1994, 2002, 2005, 2009, 2012, 2016) Satellite Imagery [1] (1994-2021)	The site appears as largely undeveloped (and later graded) land in the 1928 and 1938 photographs. In 1948, two long rectangular buildings appear in the central and southern portions of the site with associated vehicles and storage containers. The buildings remain relatively unchanged from the 1940s through the early 1990s. Staining is observed along the western portion of the garage area in the 1960s and 1970s. The 1977 photograph depicts two long rectangular-shaped storage containers located along the northern border of the site; soil staining is visible to both the west and east of the central building (former garage area). The 1981 photograph depicts multiple areas of exterior product storage (likely concrete pipe) along the central and western portions of the site. The 1994 photograph depicts the building in present day configuration with a square-shaped building in the central portion of the site surrounded by surface parking lots.
Topographic Maps (1894 to 2012)	The 1896 through 1925 topographic maps depict the site as vacant undeveloped land. The 1939 map depicts a small building on the eastern portion of the site, and to partially include a larger building located to the northeast of the site. The 1953 through 1981 maps depict two rectangular buildings at the site; one in the northern and central portion of the site and one along the southern border of the site. A railroad spur appears to run along the southern portion of the site. No development is depicted in the 2012 map; however, the site is located in an urban developed area.

Table 5: Summary of Key Observations from Historical Sources for the Site

Historical Source	Key Observations Regarding Site History
City Directory Abstracts (1964, 1970, 1994, 1995, 1999, 2000, 2001, 2004, 2009, 2015)	The occupants of 14041 Live Oak Avenue are listed as United States Pipe & Foundry/United Concrete Pipe Corporation from at least 1975 through 1994. The occupants at 14005 Live Oak Avenue are listed as Hughes Markets Inc. Corporation (1994-2003), and Mellon Financial (2009).
Assessor Portal	The Assessor portal records indicate that the site was improved with one 56,289 square foot, two-story commercial office building which was constructed in 1992. The site was formerly part of a larger site, parcel number 8535-001-021, and was split into two parcels in 2000.
Preliminary Title Report	According to the Preliminary Title Report, no environmental liens or AULs were identified for the site.

Notes:

[1] In addition to aerial photographs provided by EDR, Ramboll viewed historical satellite imagery provided via Google Earth. Printed copies were not obtained, and imagery dates were not independently verified.

EDR reported that Sanborn fire insurance map coverage is not available for the site.

4.2.2 Past Uses of Adjacent Properties

The properties in the vicinity of the site appear to have been undeveloped land in the early 1920s and 1930s. By the 1940s, the site appears to be part of a larger property to the north and east which is occupied by concrete pipe manufacturing facilities. Manufacturing activities on the larger property appear to be conducted from the 1940s through the 1980s. By the early 1990s, the manufacturing buildings were demolished, and manufacturing activities ceased. The property to the east of the site appears vacant graded land, the property to the northeast appears converted into a paved surface parking lot, the property to the north across Rivergrade Road appears converted into warehousing, while the property to the west across Stewart Avenue appears to be graded land. By the early 2000s, the vicinity appears similar to present day configuration. Environmental concerns associated with the adjacent properties to the north and east are further discussed in Section 6.

4.3 Review of Local and State Agency Information

Ramboll visited or otherwise contacted local governmental agencies and regulatory bodies for information relating to the current and former site addresses. An overview of the findings of this review is presented in Table 6

Table 6: Local and State Agency Information for the Site

Agency Contacted/ Document Reviewed	Information Obtained
Los Angeles County Assessor Portal	The Assessor portal records indicated that AIN 8532-001-033 was improved with an approximately 56,298 square foot "commercial two-story office" building in 1992. The previous AIN for the site was 8535-001-021 which was split in May 2000 to create a second parcel with a separate AIN, 8532-001-033.
City of Irwindale Building Department (Building Department)	Building Department files included the following: 14041 Live Oak[5] Avenue 1933-permit to erect a steel aggregate bin 1936-permit to erect a manufacturing pipe building 1940-permit to construct a new concrete pipe manufacturing building 1943-permit for a new tool storage house used with fleet mechanics 1944-construction of an "acetylene generator house" 1945-permit to construct a new building for "bending, threading and cutting small pipe" and to construct a Motor Repair Shop 1953-add a wing to the existing concrete manufacturing building 1957-sewer-sewage disposal permit for a septic tank, seepage pit or pits and/or other drain field (domestic use only), and a building permit to construct an office building, a "cage machine building", a steel frame for a concrete mixer, and a six ton monorail for moving concrete pipe 1958-permit to construct a "craneway cover" 1962-permit for transformer storage and a batch plant 1964-permit to construct a boiler house 1967-permit for a vertical pipe coating machine, another boiler house, and a new batch plant 1968-permit to construct a new "switch gear building", a building for "steam curing boxes", and multiple overhead craneway's 1992-permit issued to Koll Co. to demolish all onsite buildings 14005 Live Oak Avenue: 1992-building permit to construct a new building for Hughes Markets, in addition to a Certificate of Occupancy for Hughes Markets. 2000-building permit to demolish interior portions of the building for The Realty Associated Fund V 2002-building permit for tenant improvements for Mellon Financial Corporation 2004-tenant improvement permits 2013-permit to install an emergency generator issued to Hughes Markets Inc. to be used by Bank of New York Mellon

[5] As noted elsewhere in this report, the historical address of 14041 Live Oak Avenue was used for a larger manufacturing property of which the site was a small portion with limited manufacturing activities. It is likely the majority of the building permits listed for 14041 Live Oak Avenue are for off-site activities and not the site.

Table 6: Local and State Agency Information for the Site

Agency Contacted/ Document Reviewed	Information Obtained
Los Angeles County Fire Department – Health Hazardous Material Division (Fire Department – Haz Mat Division)	Ramboll requested records from the Fire Department – Haz Mat Division related to the current and former site addresses. On November 29,2021 the Fire Department – Haz Mat Division communicated that it had no records for the address of 14005 Live Oak Avenue. Records regarding the 14041 Live Oak Avenue were not received as of the date of this report.
Los Angeles County Fire Department – Health Hazardous Materials Division (County Fire Department - HHMD)	The County Fire Department – (HMMD) reported having no records for the 14005 Live Oak Avenue address. As of the date of this report, a response has not been received for the historical address at the site of 14041 Live Oak Avenue.
Los Angeles County Department of Public Works (LACDPW)	The LACDPW records for the 14005 Live Oak Avenue address included the following: 1949-Industrial Survey for United Concrete Pipe Corporation (14041 Live Oak Avenue)-noting "*discharge of lime sludge from the manufacture of acetylene gas for use in steel pipe fabrication is washed into a drain or sewer system that empties into a pit, where the liquid seeps into the soil. The pH of the soil is 11 and is being discharged at the rate of 10 gallons per minute*". A corresponding map indicates the pit is off-site to the north of the site across Arrow Highway. 1990s-multiple documents from the Public Works department regarding an on-site clarifier (sample box only) used in silk screen and printing, and an ownership change from Hughes Markets to Ralphs Markets. Three USTs were permitted at the 14005 Live Oak Avenue address (later ascertained to be off-site) 1993-an application for closure for the sample box in the sign shop 1998-Ralphs Grocery Company merged with Hughes Markets and "took control" of the three off-site USTs. 2000-a letter to the County Los Angeles Fire Department indicated the Hughes Family Market was out of business as of March 2000. 2000-closure authorization for removal of the industrial waste facility. 2001: a Hazardous Materials inspection document stated that the building was gutted and remodeled and the former clarifier (sample box) was removed. 2003: the larger property split into two properties, with the site retaining the 14005 Live Oak Avenue address, while the larger property to the north was issued a new address, 5305 Rivergrade Road.
Department of Toxic Substances Control (DTSC)	The DTSC records for the 14041 East Live Oak Avenue address included the following: 1989 – A Preliminary Endangerment Assessment (PEA) checklist used by DTSC to prepare the documents described previously. 1990 – A preliminary draft of DTSC's letter with PEA Review Comments to Allstair Callender of Woodward-Clyde Consultants, as well as a completed PEA for the larger property including the site.

4.4 Previous Environmental Assessments and Activities

Based on a review of agency records, prior soil sampling and remediation activities have been conducted at the site, as summarized below. Pertinent historical and site-related information contained in the prior reports has been incorporated into other sections of this report.[6]

- **1989 Terra Tech Waste UST and Sump Closure Activities.** In March 1989, Terra Tech was contracted by Rudy's Service Station Repair and Maintenance Inc. (a division of United Concrete Pipe Corporation) to remove a 3,000-gallon waste oil UST and associated 500-gallon sump (with a corresponding motor oil above ground storage tank [AST]) under the oversight of the LACDPW, Waste Management Division. The tank and sump were removed from the site in March 1989. Soil samples collected beneath the north and south ends of the 3,000-gallon tank hold at approximately 10 feet bgs were analyzed for hydrocarbons via USEPA Method 418.1 and USEPA Method 8020 for volatile aromatics. Detections of TRPH ranged from 33 to 4,780 mg/kg. One sample indicated low concentrations of toluene (0.58 mg/kg). According to the LACDPW, the reported "acceptable level" of petroleum hydrocarbons to be left in soil was 100 mg/kg. Soil excavation activities were conducted in April 1989. An additional eight samples were collected beneath the 3,000-gallon tank between 14 and 16 feet bgs following excavation activities. Confirmation sampling indicated TRPH in soils ranged from less than 1 mg/kg to 93.8 mg/kg. The confirmation samples were not analyzed for aromatics due to the no-to-low detections in the more contaminated samples collected prior to soil excavation activities. Because the post-excavation (deeper floor and wall) samples indicated TRPH concentrations less than the LACDPW accepted action level of 100 mg/kg, no further sampling or analyses were performed. Approximately 152 tons of TRPH impacted soil were removed and disposed of off-site.

  On October 18, 1990, Woodward-Clyde Consultants issued a letter stating that the 500-gallon sump was located directly above the 3,000-gallon tank, and that the releasing agent received from the tanks was "Form oil C-572," a mineral oil. Woodward-Clyde Consultants noted that mineral oil had negligible water solubility and no potential carcinogenic properties. Woodward-Clyde also stated that no health or cleanup standards were established for mineral oil. Based on the characteristics of mineral oil, Woodward-Clyde requested closure based on this information. A final closure report detailing the results of the soil additional sampling in the areas southeast of the former 500-gallon concrete sump and 3,000 gallon UST was submitted to LARWQCB on October 29, 1991 and closure for the entire site was issued by the LARWQCB on February 25, 1991.

- **Woodward-Clyde 1990 Preliminary Endangerment Assessment (PEA).** Between 1988 and 1989, The Koll Company (at the time owner of the larger 74-acre property, including the site) contracted with Woodward-Clyde Consultants (Woodward-Clyde) to conduct site assessments of an approximately 74-acre property (approximately 5.12-acres of which comprises the site) including sampling and analysis of soil and groundwater in identified areas of concern. In June 1990, following completion of the subsurface investigation work described above, a PEA was prepared for the site by Woodward-Clyde in anticipation of developing an approximately 55-acre portion of the larger property (including the site) into a commercial park with office and light industrial buildings. The remaining portion of the larger property was purchased by the City of Irwindale for retail development. According to the PEA, a garage, a vehicle fueling area, a portion of the office building, a septic tank (cesspool), and a portion of a railroad tie were located on the

[6] Historical records for the site include a 2,000-gallon waste oil UST listed at the site, however, additional review of records regarding the waste oil tank determined that the waste oil UST was located off-site along Arrow Highway.

site prior to its re-development in the early 1990s. The vehicle fueling area (located in the central portion of the site) contained two 10,000-gallon USTs, and one 1,000-gallon UST; the garage area (also located in the central portion of the site) contained a 3,000-gallon waste oil sump with a 500-gallon waste oil holding tank, and a former septic tank (cesspool); and an engine steam cleaning area located west of the garage area included several 55-gallon drums of hydraulic oil and thinner with possible solvent use. The portion of a former office building (located on the southern portion of the site) had an electrical transformer in a basement crawlspace, possibly containing oils with PCBs. A portion of the railroad area (located on the northern portion of the site) had surface staining associated with rail crane maintenance. Additionally, surface spills occurred at several locations during the plant's operations. Closure of the three USTs, the waste sump, and the 3,000-gallon waste oil UST by the LACDPW is described in the bullets below.

During the 1988/1989 subsurface investigation, sampling (including soil and cesspool water sampling) was conducted at multiple locations around the larger property, including four locations at the site (one by the waste oil sump/tank, five by the 1,000 and 10,000-gallon USTs, and one within the garage and cesspool area). Groundwater was estimated to be present at approximately 170 feet bgs and was not encountered during the subsurface sampling. Areas of concern noted by Woodward-Clyde are below.

Garage area - The suspected steam cleaning and solvent use area (located along the western edge of the garage area of the site) was trenched and excavated, but no evidence of the presence of solvents, such as odor or elevated OVA readings was observed in soil samples collected from the trenches. Subsequent soil sampling conducted in the garage area in December 1988 indicated no VOCs were detected via USEPA Method 8240 in the single sample collected in this area, Sample G-1, which was sampled on December 29, 1988. The California Regional Water Quality Control Board issued a letter to The Koll Company dated February 8, 1991, that stated that area G (near the garage) "was not adequately assessed to determine if soils and potentially groundwater have been contaminated with VOCs." The letter stated that although one grab soil sample was collected at a depth of one foot and analyzed by EPA Method 8240 and did not identify VOCs, "it does not constitute adequate assessment of the area." No additional analysis was conducted on the sample since solvent use was listed as the concern with the garage area. In the letter, the LARWQCB recommended that a quantitative active soil gas survey be conducted to assess soils in the area. No additional documentation was made available to Ramboll confirming additional sampling events subsequently were performed in this area. However, Ramboll conducted additional subsurface investigation in this area (SB/SV-6) as discussed further in Section 6.

Cesspool - One aqueous sample was collected from the cesspools/septic tank and analyzed for solvents via USEPA Method 8240 or USEPA Method 601/602, and via USEPA Method 200.7 for CAM metals. Woodward-Clyde concluded that the sampling results indicated the septic tank likely received sanitary water and not solvent or waste streams from the manufacturing process. Samples collected around the former cesspool/septic tank (CES2) indicated low concentrations of ethylbenzene (3 micrograms per liter [µg/L]) when sampled via USEPA Method 8010 for volatile organic compounds, benzene, toluene, ethylbenzene, and xylenes (BTEX) and CAM metals.

Fueling UST Area - Three former USTs mentioned above (ranging in capacity from 1,000 to 10,000-gallons) stored gasoline and diesel fuel. The fueling tanks and "affected soil" were removed from the site with closure permits from the LACDPW between October 1987 and March 1989. Five soil samples were collected from the excavation in December 1986 and analyzed for petroleum hydrocarbons using USEPA Method 8015. Total fuel concentrations ranged from less

than 10 mg/kg to 560 mg/kg. The LACDPW issued a letter on February 10, 1987 stating the soils were not suitable as fill material and must be manifested and transported to a hazardous waste disposal facility. The contaminated soil was removed for offsite disposal. According to a letter dated February 19, 1987, issued by Brown and Caldwell, two soil samples were collected on February 11, 1987, using a clam bucket digger to collect soil at an approximate depth of three feet below the previous samples (report dated January 19, 1987), as requested by the Los Angeles Fire Prevention Division. Two soil samples were collected from the 1,000-gallon tank excavation area, one from the east end and one from the west end. Each sample was analyzed for petroleum hydrocarbons using USEPA Method 8015. Total fuel hydrocarbon concentrations in the two samples were non detect at the laboratory method detection limit of 5 mg/kg. On March 30, 1987, closure was granted, and a No Further Action (NFA) status letter was issued for the three USTs by the LACDPW. Two additional 10,000-gallon gasoline and diesel tanks remained at the site (which were later removed in 1991 as discussed below).

Sump and Waste Oil Tank Area - Part of the waste sump and tank area was excavated and two samples were collected, at about one foot up from the bottom of the tank at both ends. The samples were analyzed for hydrocarbons via USEPA Method 418.1 and reported detections of 38 and 607 mg/kg above the previously mentioned LACDPW screening level of 100 mg/kg of petroleum in soil. The waste oil sump area was excavated in March 1989 and the sump, tank and approximately 150 tons of "affected soil" were removed and disposed of off-site. No confirmation sampling was noted following excavation activities.

The Los Angeles County Department of Health Services (DHS) issued a letter in response to the 1990 PEA report. The PEA report indicated that the site had been appropriately characterized and sampled. Samples throughout the larger property were analyzed for flammability (EPA Method 1010), pH (EPA Method 8270), volatile organics (EPA Method 8240), semi-volatile organics (EPA Method 8270), and acute aquatic toxicity. The analysis revealed that there were no significant concentrations of hazardous substances. The DHS letter stated that the demolition and development of the site and the larger property (that occurred in the early 1990s) "would adequately mitigate hazards associated with historical activities" (former USTs, and offsite settling ponds and on and off-site cesspools).

- **URS/Dames & Moore 2000-2005 UST Closure Certifications.** As noted previously, the previous site occupant, United Concrete Pipe Manufacturing, operated approximately five diesel fuel and gasoline USTs at the site associated with historical fueling operations. The tanks ranged from 1,000-gallons to 10,000-gallons. The three tank removals and subsequent closure were discussed previously.

  Two additional 10,000-gallon USTs, one diesel fuel and one gasoline, were removed in 1991 at the current office building location by URS (formerly known as Woodward-Clyde) for Mission -Koll in anticipation of future construction activities. Soil samples were collected to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. Soil samples were collected beneath the tanks at a depth of approximately 15 feet bgs. Soil samples beneath the gasoline tank were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by USEPA Method 8015 Modified and soil samples collected beneath the diesel fuel tank were analyzed for TRPH by EPA Method 418.1. Analytical results indicated non-detect concentrations of TPHg beneath the gasoline tank and one sample beneath the north end of the diesel tank contained 186 mg/kg of TRPH, above the previously mentioned LACDPW screening level of 100 mg/kg of petroleum in soil. Additional samples subsequently were collected beneath the diesel fuel tank to assess the

magnitude and extent of the TRPH. Samples were collected at a greater depth (20 and 25 feet) and were non-detect for TRPH but indicated low concentrations of toluene, xylenes, and ethylbenzene. On May 4, 1991, four additional samples were collected near the area where the original TRPH was detected. All samples were non-detect except for one sample that contained 2 micrograms per kilogram (µg/kg) of toluene, below USEPA screening levels. The soil was removed and stockpiled onsite and later moved to another location off-site in case further treatment was deemed necessary. The stockpiled soil was reported to show "no sign of discoloration." The stockpile was reportedly removed from the site and disposed of property as hazardous waste. A closure report was submitted to the LACDPW in 1991, however, the LACDPW requested additional sampling (including sampling and testing for MTBE).

In 2000, a soil boring investigation was completed by URS Corporation (URS) with the goal of obtaining closure status for the two 10,000-gallon USTs removed in 1991. In July 2000, URS personnel met with the LACDPW to discuss specific steps necessary to close the former USTs. In accordance with the LACDPW guidelines, further soil investigation including sampling for MTBE was required before closure would be granted. The LACDPW indicated that five soil borings around the former UST cluster should be drilled at depths of 40 feet bgs (25 feet below the base of the UST inverts) to assess the condition of the subsurface soil. In August 2000, five soil samples were collected from borings at 8, 16, 24, 32, and 40 feet bgs and analyzed for TPH by EPA Method 8015-Modified for carbon chain C44 and BTEX/MTBE by EPA Method 8020. Soil samples collected as feasibly close to 32 and 40 feet were additionally analyzed for lead by EPA Method 6010B. Results of the field monitoring indicated the presence of some residual hydrocarbons in vapor-phase as measured by the photo ionization detector (PID). Results of the laboratory analysis during the 2000 investigation "showed no indication of petroleum hydrocarbons remaining in the soil, and lead concentrations were indicative of background levels in soil for the area." The LACDPW issued closure certification on September 14, 2005 for the former USTs.

4.5 Interviews

Ramboll conducted an onsite interview with the Facility Manager with BNY Mellon with regards to the operations and environmental history; Ramboll incorporated the responses into the applicable sections of this report.

4.6 User-Provided Information

Ramboll provided Rexford with a User Questionnaire (consistent with Appendix X3 of the ASTM Standard) that requested information relating to environmental liens, activity use limitations (AULs), specialized knowledge of the site, property value diminution, chain-of-title, or any other commonly known or obvious indications of site contamination, that was not otherwise provided to Ramboll. In returning the questionnaire, the User did not provide any information that was not otherwise obtained and reviewed by Ramboll.

5. SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Ramboll conducted a visit to the site on December 6, 2021. During the site visit, observations of both the interior of the building and exterior portions of the site were made to evaluate if any RECs, as defined in Section 7, are present. Ramboll did not observe the roof of the building.

5.2 General Site Setting and Observations

Ramboll made observations concerning the interior and exterior issues specified in Sections 9.4.2 through 9.4.4 of the ASTM E1527-13 Standard. The presence or absence of each issue of environmental interest or concern is noted in Table 7. Additional information regarding observed and historical items is provided in the sections following the table.

Table 7: Summary of Site Reconnaissance Observations

ASTM Section	Issue	Observation
Interior and Exterior Issues		
9.4.2.1	Current use(s) of the site	See Section 3.2
9.4.2.2	Past use(s) of the site	See Section 4.2
9.4.2.3	Hazardous substances and petroleum products used, treated, stored, disposed of, or generated on the site in connection with identified present or past uses	**Present** (see Section 5.2.1)
9.4.2.4	Storage tanks: Underground storage tanks (fill ports, vent pipes, manholes) Aboveground storage tanks	 **Formerly Present** (See Section 5.2.2) **Present** (see Section 5.2.3)
9.4.2.5	Odors (strong, pungent or noxious)	Absent
9.4.2.6	Pools of liquid, standing surface water or sumps	Absent
9.4.2.7	Drums of hazardous substances or petroleum products (five-gallon, 55-gallon or totes)	**Formerly Present** (see Section 4.4)
9.4.2.8	Hazardous substance and petroleum product containers (not necessarily in connection with identified uses)	**Present** (see Section 5.2.1)
9.4.2.9	Unidentified substance containers suspected of containing hazardous substances or petroleum products	Absent

Table 7: Summary of Site Reconnaissance Observations

ASTM Section	Issue	Observation
9.4.2.10	Polychlorinated biphenyls (PCBs) Electrical equipment on-site (e.g., transformers, capacitors) Electrical equipment known or likely to contain PCBs Hydraulic equipment on-site (e.g., elevators, truck dock lifts) Hydraulic equipment known or likely to contain PCBs	(see Section 5.2.4) **Present** Unlikely **Present** Unlikely
Interior Issues		
9.4.3.1	Heating/cooling systems	Present (see Table 1)
9.4.3.2	Stains or corrosion on interior floors, walls or ceilings (except for staining from water)	Absent
9.4.3.3	Floor drains and interior sumps	See Section 3.2.3
Exterior Issues		
9.4.4.1	Pits, ponds or lagoons on property or adjacent sites	Absent
9.4.4.2	Stained soil or pavement	**Present** (see Section 5.2.5)
9.4.4.3	Stressed vegetation (from other than insufficient water)	Absent
9.4.4.4	On-site solid waste disposal; areas apparently filled or graded by non-natural causes; or mounds or depressions suggesting solid waste disposal	Absent
9.4.4.5	Wastewater or other liquid (including storm water) or any discharge into a drain, ditch, underground injection system or stream on or adjacent to the property	See Section 3.2.3
9.4.4.6	Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	Absent
9.4.4.7	Septic systems or cesspools	**Formerly Present** (see Table 1)
Non-Scope Considerations		
N/A	Asbestos Containing Materials	(see Section 5.2.6)
N/A	Lead-Based Paint	(see Section 5.2.7)

Table 7: Summary of Site Reconnaissance Observations

ASTM Section	Issue	Observation
N/A	Water Intrusion/Mold	(see Section 5.2.8)
N/A	Radon	(see Section 5.2.9)

Notes:

Observations noted in this table and discussed further below are based on information obtained during the site visit and from a review of the sources summarized in Section 4.

See the ASTM Standard for a detailed description of the issues included in each referenced ASTM section.

Per the ASTM Standard, fluorescent light ballasts likely to contain PCBs are not considered.

N/A – Not applicable.

5.2.1 Hazardous Substances and Petroleum Products

The primary chemicals used at the site include diesel fuel for the two emergency generators and hydraulic oils utilized in the two hydraulic elevators.

Chemical storage at the site is limited to janitorial supplies (stored in the janitorial closets). Wastes are collected in dumpsters which are positioned on pavement in the northeast corner of the parking lot. No visual evidence of significant release was observed in these areas. Chemicals are not stored in exterior areas of the site.

5.2.2 Underground Storage Tanks

Seven USTs were formerly located at the site and were removed between 1987 and 1991. Pertinent information regarding these USTs is provided in Table 8. Information related to the closure activities is provided in Section 4.4. The site is listed on the Leaking Underground Storage Tank (LUST) database. Further information regarding these closure activities is included in Section 4.4.

Table 8: Underground Storage Tanks

Number and Size (gal.)	Contents	Location	Key Dates	Regulatory Closure Granted?	Notes
Decommissioned/Closed-in-Place/Removed					
1x10,000	Diesel fuel	West of garage building	Installed in the 1940s; Removed December 1986	Closure issued on March 30,1987 by the LACDPW	Tank #5: carbon steel single walled tank, closed.

Table 8: Underground Storage Tanks

Number and Size (gal.)	Contents	Location	Key Dates	Regulatory Closure Granted?	Notes
1 x 10,000	Gasoline	West of garage building	Installed in the 1940s; Removed December 1986	Closure issued on March 30,1987 by the LACDPW	Tank #6: carbon steel single walled tank, closed.
1 x 1,000	Gasoline	West of garage building	Unknown installation date; Removed December 1986	Closure issued on March 30,1987 by the LACDPW	Tank #7: carbon steel single walled tank, closed.
1 x 500	Waste Oil	Southeast corner of former garage building	Installed in 1948; Removed March 1989	Closure certification letter issued on February 25, 1991 by the LACDPW	Tank #8 (sump): removed from site, drained oil sump, closed.
1 x 3,000	Waste Oil	Southeast corner of former garage building	Installed in 1974; Removed March 1989	Closure certification letter issued on February 25, 1991 by the LACDPW	Tank #8: steel tank, closed.
1 x 10,000	Diesel fuel	Southwest of the garage	Installed in 1986; Removed on April 23, 1991	Closure Certification Letter issued on September 14, 2005	Tank #9: Double walled, , closed.
1 x 10,000	Unleaded Gasoline	Southwest of the garage	Installed in 1979; Removed on April 23, 1991	Closure Certification Letter issued on September 14, 2005	Tank #4: carbon steel single walled tanks, closed.

In addition, during Hughes Markets' occupancy (1990s), a clarifier (sample box only) was installed on the first floor of the office building. The clarifier was utilized in association with Hughes Market's sign and printing production office. A silver recovery unit was installed in connection with the clarifier. The silvery recovery system recovered silver from photo-processing waste, reducing the amount of metals in the effluent water according to EPA pollution prevention requirements for silver-bearing wastes.

LACDPW records indicated the building was "gutted and renovated extensively" prior to BNY Mellon's occupancy of the site between October 2000 and February 2001. The clarifier (sample box) was filled and the floor resurfaced. No environmental concerns or violations were reported by the LACDPW in connection with the former clarifier and no sampling was required. In December 2002, the site received closure from the LACDPW for the sampling box used in connection with the photography shop for Former Hughes Markets Corporate Headquarters located at 14005 Live Oak Avenue. The sample box was removed and "nothing was visible in the area shown in the closure diagram." Facility personnel was unaware of additional information regarding the clarifier.

5.2.3 Aboveground Storage Tanks

Although not typically identified as an AST, two hydraulic elevator systems with corresponding hydraulic reservoirs are located at the site. The elevators contain hydraulic reservoirs that appear to be less than 55 gallons in size. Facility personnel knew of no leaks or spills relating to the ASTs, and Ramboll saw no visual indication of leaks or releases from the hydraulic reservoirs during the site visit.

Historically, a motor oil AST (unknown size or installation date) was formerly associated with the sump pump tank along the southeast corner of the former garage building.

5.2.4 Polychlorinated Biphenyls

During the site visit, Ramboll observed one pad-mounted transformer immediately north of the building. The unit was not labeled as to its PCB content. Because the unit was likely installed at the time of the site development in 1992, after the 1979 federal ban on the manufacture of PCBs, it is unlikely that the unit contains PCBs. As noted above, two hydraulic elevators are located in the northern portion of the site. Given that the hydraulic oil for the elevators is expected to have been routinely replaced by the elevator service company, it is unlikely that the hydraulic oil contains PCBs. No visual evidence of significant staining or releases was observed near the hydraulic oil reservoirs.

Because the building was constructed after the 1979 federal ban on the manufacture of PCBs, it is unlikely that hydraulic oils in the elevators or other types of electrical equipment, such as capacitors or light ballasts, contain PCBs.

5.2.5 Stains or Corrosion on Interior Floors, Walls, Ceilings, Soil or Pavement

Ramboll observed visual evidence of minor pavement staining in the parking lot areas; facility personnel stated the staining likely resulted from minor drips from employee vehicles parked in these areas. Pavement in the vicinity of the observed staining appeared to be in good condition, with no visual evidence of major cracking.

5.2.6 Asbestos-Containing Materials

An asbestos inspection and sampling of suspect building materials in conformance with established protocols (as outlined in 40 CFR §763), applicable state or local regulations, or industry standards, were beyond our scope of work. However, Ramboll made limited visual observations[7] of representative building materials in those areas accessed during the site tour to identify readily apparent presumed asbestos-containing materials (PACMs) and suspect ACMs. The Occupational Safety and Health Administration's (OSHA's) definition of PACMs is limited to thermal system insulation (TSI) and surfacing materials present in buildings constructed before 1981. The term suspect ACM is not defined by OSHA but can include numerous building materials manufactured using asbestos currently or in the

[7] Ramboll did not observe all building materials or formally survey the facility to determine the presence and condition of PACMs and suspect ACMs.

past (e.g., ceiling tiles, roofing materials, joint compound), as well as TSI, surfacing materials, and flooring materials installed after 1981.

The building at the site was not constructed prior to 1981; thus, none of the building materials at the site are considered PACM. Asbestos has continued to be used in some building materials since that time, although it was phased out of use in many building materials during the early 1980s, thus it is unlikely that ACM remains in building materials. Facility personnel knew of no ACMs within the building and a comprehensive asbestos survey has not been conducted. However according to the EDR database, 1X United Concrete Pipe Corp transported 5.125 tons of asbestos containing waste from the site in 1989, prior to the construction of the present-day office building. Ramboll was not provided with addition information regarding historical asbestos removal activities at the site.

There are no regulatory requirements to remove PACMs, suspect ACMs, and known ACMs or to confirm whether building materials contain asbestos, unless the materials are damaged and have the potential to release fibers or the materials have the potential to be disturbed during renovation or demolition activities. Ramboll did not observe any obviously damaged building materials.

5.2.7 Lead-Based Paint

Lead was a major ingredient in paint pigment prior to and through the 1940s. While other pigments were used in the 1950s, the use of lead in paint continued until the early 1970s. In 1978, the Consumer Products Safety Commission banned paint and other surfacing coating materials that are "lead-containing paint." Based on the construction dates of the building in 1992, it is unlikely that lead-based paint was used historically on facility structures. Facility personnel knew of no lead-based paint on structures at the facility. Ramboll observed the paint to be in good condition.

5.2.8 Water Intrusion/Mold

Ramboll did not perform a mold survey at the site; however, no visual indication of recent flooding was identified and Ramboll noted that the site is located outside of a 100-year flood zone. According to facility personnel, the facility has not historically experienced problems with water intrusion and Ramboll did not observe the presence of obvious mold conditions or severe water damage during the site visit in the areas assessed.

5.2.9 Radon

Based on information included in the EDR database report, the site is located in an area categorized as Zone 2, which has average indoor basement radon levels between 2 and 4 picoCuries per liter (pCi/L). The USEPA's continuous exposure limit, which is the limit at which further testing or remedial action is suggested, is 4.0 pCi/L. This USEPA continuous exposure limit applies to residential, not commercial, properties. According to the California Radon database, none of the five properties in the same zip code as the site surveyed reported radon levels which exceeded 4 pCi/L. A USEPA survey conducted in the same zip code as the site found that the average radon levels of a first-floor room and a basement at 63 properties were 0.711 pCi/L and 0.933 pCi/L, respectively. Based on the low levels of radon at properties within the vicinity of the site, it is unlikely that Radon is a concern at the site.

6. SUBSURFACE INVESTIGATION

6.1 Scope of Work

Ramboll conducted a limited subsurface investigation at the site that included collection of soil and soil vapor samples (see Figure 3). The scope for the subsurface investigation focused on specific areas of concern identified through the course of conducting the Phase I ESA. The following environmental features and/or concerns were identified that required investigation (summarized in Table 9 below):

Table 9: Sampling Rationale

Boring ID	Sample Intervals (ft bgs)	Maximum Depth (ft bgs)	Analysis	Sampling Rationale/ Targeted Features
SB/SV-1	Soil: 2, 5	15	TPH, metals	SV-1 was advanced in order to evaluate potential environmental impacts along the northern property line in connection with historical uses in this portion of the site and adjoining property.
	Soil Vapor: 5,15		VOCs	
SV-2	Soil Vapor: 5	5	VOCs	SV-2 was advanced in order to evaluate potential environmental impacts along the northern property line in connection with historical uses in this portion of the site and adjoining property.
SB/SV-3 and SB/SV-6	Soil: 5, 10	15	TPH, metals	Based on Ramboll's review of historical aerial photographs, SB/SV-3 and SB/SV-6 were located in an area of heavy staining visible (Figure 2) in historical aerial photographs and areas where significant operations are visible in the photographs.
	Soil Vapor: 5 and 15		VOCs	
SB/SV-4, SB/SV-7, SB/SV-8	Soil: 5,10	15	TPH, metals	SB/SV-4, SB/SV-7 and SB/SV-8 were advanced within the former auto repair garage, where historical hazardous materials usage was likely, such as the use of parts cleaners, oil change operations, and general vehicle maintenance. Potential for deep soil impacts from possible hydraulic lifts/maintenance pits was also be evaluated.
	Soil Vapor: 5,15		VOCs	
SV-5	Soil vapor	5	VOCs	Based on Ramboll's review of historical aerial photographs (Figure 3), SV-5 was located in an area to the east of the garage where historical storage and unknown operations occurred in connection with the service garage.
SB/SV-9	Soil: 5,10	15	VOCs, TPH, metals	SB/SV-9 was advanced within the former waste oil tank and oil sump area, where prior investigations did not test for VOCs and metals.
SB/SV-9	Soil Vapor: 5,15	15	VOCs	SB/SV-9 were advanced within the former waste oil tank and oil sump area, where prior investigations did not test for VOCs and metals.

Table 9: Sampling Rationale

Boring ID	Sample Intervals (ft bgs)	Maximum Depth (ft bgs)	Analysis	Sampling Rationale/ Targeted Features
SB/SV-10	Soil: 5,10	15	TPH, metals	SB/SV-10 were advanced to the south of the garage building where historical features resembling underground fuel tanks and other auto repair related activities are visible in historical aerial photographs.
	Soil Vapor: 5,15		VOCs	
SV-11	Soil vapor	5	VOCs	Based on Ramboll's review of historical aerial photographs (Figure 3), SV-11 was located in parking area to the south of the former service garage in an area of historical truck parking and apparent surface staining. This vapor sample location was also needed to evaluate potential soil vapor impacts to the south.

Notes:
Metals analyzed by USEPA method 6010B/7471A
TPH – total petroleum hydrocarbons analyzed by USEPA Method 8015B
VOCs – volatile organic compounds analyzed by USEPA Method 8260B

Prior to initiation of sampling activities, Ramboll contacted Underground Service Alert (USA) to mark the locations of all major utilities near the site boundaries. In addition to the services provided by USA, Ramboll contracted with Ground Penetrating Radar Systems, Inc. (GPRS), a private utility locating company, to conduct a geophysical survey in the immediate vicinity of the boring locations to identify subsurface structures or underground obstructions.

Ramboll also prepared a site-specific Health and Safety Plan (HASP). The HASP was designed to minimize exposure of Ramboll field personnel to potentially hazardous materials. All field personnel involved in the project were required to implement the procedures presented in the HASP while conducting the fieldwork.

On January 10 and 11th, 2022, Interphase Environmental, Inc. (Interphase), under the oversight of Ramboll, advanced a total of 11 borings at the site to collect soil and soil vapor samples as further described below. During advancement of each boring, soils were continuously logged in general accordance with the Unified Soil Classification System (USCS) and monitored using an organic vapor meter (OVM) photoionization device (PID) equipped with at 10.6-electron-volt lamp calibrated against an isobutylene standard. All drilling activities were conducted under the direct supervision of a California-registered Professional Geologist.

6.2 Field Observations and Lithology

Soil encountered in the soil/soil vapor borings primarily consisted of medium grain sand with gravel from the surface to 5 feet below ground surface (bgs) and fine grain sand with gravel from 5 feet to 15.5 feet bgs, the maximum depth explored. Boring logs are included as Appendix F.

Soil was screened in the field with a PID by placing an aliquot of soil in a Ziploc® plastic bag and sampling the headspace with the PID. PID readings generally did not exceed background levels at all locations, and recorded readings ranged from 0.0 to 0.6 parts per million by volume (ppmv).

Groundwater was not encountered during Ramboll's investigation.

6.3 Soil Sample Collection and Sampling Results

Soil borings were advanced using a combination of hand augering and direct push drilling technology. Ramboll installed a total of eight borings (SB-1, SB-3, SB-4, and SB-6 through SB-10) at the site as depicted on Figure 3 and samples were collected from select depths in general accordance with the sampling plan in Table 9. At boring location SB-4, the proposed soil sample at 10 feet bgs was not collected due to the driller hitting refusal at approximately 7.5 feet bgs.

A total of 15 soil samples were collected and stored in laboratory provided containers labeled with a unique sample number, time, and date, and placed in an ice filled cooler for transportation under chain-of-custody documentation to Eurofins CalScience in Tustin, California, a California-certified fixed analytical laboratory. Soil samples were selectively analyzed for total petroleum hydrocarbons (TPH), metals, and volatile organic compounds (VOCs).

Soil sample results were compared to applicable USEPA/DTSC commercial/industrial soil screening levels. Results for TPH and metals in soils are presented in Table 10. Laboratory analytical reports are provided in Appendix G. In summary:

- TPH and VOCs were not detected above applicable screening levels.
- Arsenic was the only metal detected in soil at concentrations above screening levels. However, the arsenic concentrations are within the naturally-occurring background range of Southern California soil at the Site.

6.4 Soil Vapor Probe Installation and Sampling Results

Ramboll installed 14 soil vapor probes co-located at the soil borings locations described above and three additional soil vapor probes (SV-2, SV-5, and SV-11) as depicted on Figure 3. Soil vapor probes were installed at a depth of 5 feet bgs at all 11 soil vapor probe locations and at a depth of 15 feet bgs at six locations (SV-3 and SV-6 through SV-10). At soil boring locations SB-1 and SB-4, the proposed soil vapor probes at 15 feet bgs were not installed due to the driller hitting refusal at approximately 5.5 and 7.5 feet bgs, respectively.

Soil vapor probes were installed and sampled in accordance with the "Advisory – Active Soil Gas Investigations", jointly developed by the California EPA (CAL EPA), DTSC, and LARWQCB/SFRWQCB, dated July 2015. The soil vapor samples were collected and analyzed by A&R Laboratories under the supervision of Ramboll. The soil vapor samples were analyzed for VOCs by USEPA Method 8260B. Results are presented in Table 11 and laboratory analytical reports are provided in Appendix G.

The VOC concentrations in soil vapor were compared to the DTSC and USEPA commercial soil vapor screening levels calculated using an attenuation factor (AF) of 0.03 and 0.001. The soil vapor screening levels were derived using the DTSC's Human Health Risk Assessment (HHRA) Note No. 3, (DTSC, June 2020) for commercial air and applying conservative default attenuation factors for soil vapor migrating from subsurface to existing commercial building vapor (Cal/EPA 2011). The agency's guidance regarding attenuations factors is currently evolving and is open to interpretation. Therefore, for the purposes of this screening phase of investigations, both the 0.03 and 0.001 AF has been used to evaluate soil vapor data.

In summary, no VOCs were detected at concentrations exceeding current regulatory thresholds, although benzene exceeded the commercial/industrial screening level in one sample when using the highly conservative proposed AF of .03. A total of six VOCs were reported in soil vapor above

laboratory reporting limits including tetrachloroethene (PCE), benzene, toluene, ethylbenzene, o-xylene, and 1,2,4-trimethylbenzene. Benzene was reported at a concentration of 0.020 J µg/L at location SV-3 at a depth of 5 feet bgs. This is slightly above the commercial soil vapor screening level for benzene of 0.014 µg/L when using an AF of 0.03, but below the commercial soil vapor screening level for benzene of 0.42 µg/L when using an AF of 0.001. Benzene was not reported above the laboratory RL in any other samples. PCE was reported above the laboratory reporting limit in four of the 17 soil vapor samples analyzed. PCE concentrations ranged from 0.030 µg/L to 0.060 µg/L, which are below the commercial soil vapor screening levels using both the 0.03 and 0.001 AF. The other VOCs reported above laboratory RLs were not detected above applicable commercial screening levels.

6.5 Site Investigation Conclusions

Based on the results of the limited soil and soil vapor sampling conducted as part of this subsurface investigation, Ramboll concludes the following:

- TPH and VOCs were not detected in soil above applicable screening criteria;
- Arsenic was the only metal detected in soil at concentrations above screening levels. However, the arsenic concentrations are within the naturally-occurring background range of Southern California soil at the Site; and
- In soil vapor, no VOCs were reported above applicable DTSC/USEPA commercial existing building screening levels using the 0.001 attenuation factor (AF). Benzene was reported in only one sample above applicable DTSC/USEPA commercial existing building using the screening level calculated using the highly conservative 0.03 AF.

Because Ramboll's review of the subsurface investigation did not identify TPH or VOCs above screening criteria and detections of arsenic were within naturally-occurring background range, Ramboll does not recommend additional investigation.

7. FINDINGS, OPINION, AND CONCLUSIONS

Ramboll performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the site located at 14005 Live Oak Avenue in Irwindale, California in December 2021. The objective of the ESA was to identify RECs, as defined in the ASTM Standard. A list of key definitions presented in the ASTM Standard is provided in Section 7 at the end of this report. Any exceptions to, or deletions from, this practice are described in Section 6.2.

7.1 Findings, Opinions, and Conclusions

7.1.1 Recognized Environmental Conditions

Ramboll performed a Phase I ESA of the site located at 14005 Live Oak Avenue in Irwindale, California in conformance with the scope and limitations of the ASTM Standard. Any exceptions to, or deletions from, this practice are described in Section 6.5 of this report. This assessment has revealed no RECs in connection with the site.

7.1.2 Historical RECs (HRECs)

The following HRECs related to potential contamination concerns were identified:

- **1986 and 1989 Removal of USTs and Sump**. As indicated previously, a filling station formerly was located on the site. Filling station operations included the use of three USTs (one 10,000-gallon diesel fuel, one 10,000-gallon gasoline, and one 1,000-gasoline USTs) which were removed from the site in 1986. During the removal of the former fuel tanks, five soil samples were collected from the tank excavation area and each sample was analyzed for petroleum hydrocarbons; detected TPH concentrations in the five samples ranged from less than 10 mg/kg to 560 mg/kg. The LACDPW issued a letter on February 10, 1987 stating the soils were not suitable as fill material and must be manifested and transported to a hazardous waste disposal facility. The contaminated soil was removed for offsite disposal. Additional sampling was performed in 1987 in the area of the previous 1,000-gallon UST, as requested by the Los Angeles Fire Prevention Division because the two soil samples collected in this area during the 1986 sampling event detected TPH concentrations at 560 and 200 mg/kg. Two soil samples were collected from the 1,00-gallon tank excavation area, one from the east end and from the west end. Each sample was analyzed for TPH and TPH was not detected in either sample. On March 30, 1987, closure was granted for the three tanks, and a NFA status letter was issued for the three USTs by the LACDPW.

  In March 1989, two additional USTs (a 3,000-gallon waste oil UST and associated 500-gallon sump (a.k.a. a UST) with a corresponding motor oil AST) that were not associated with the filling station were removed from the site under the oversight of the LACDPW, Waste Management Division. Soil samples collected beneath the north and south ends of the 3,000-gallon tank were analyzed for TRPH and volatile aromatics. Detections of TRPH ranged from 33 to 4,780 mg/kg. One sample indicated low levels of toluene (0.58 mg/kg). According to the LACDPW, the reported acceptable level of petroleum hydrocarbons to be left in soil was 100 mg/kg, and therefore, the TRPH-impacted soil was excavated in April 1989. An additional eight samples were collected beneath the 3,000-gallon tank following excavation activities and indicated TRPH in soils ranged from less than 1 mg/kg to 93.8 mg/kg. Closure was issued by the LACDPW on February 25, 1991.

- **1991 Removal of Underground Storage Tanks (USTs).** As stated above, a filling station formerly was located on the site. Filling station operations included the use of five documented USTs, two of which (one 10,000-gallon diesel fuel and one 10,000-gallon gasoline USTs) were

removed from the site in 1991 and the remaining three of which were removed in 1986 (described under HRECs, Section 6.1.2). With regard to the two USTs removed in 1991, soil samples were collected from beneath the tanks to evaluate if soils had been impacted by the potentially leaking USTs; analytical results indicated non-detect concentrations of total petroleum hydrocarbons as gasoline (TPHg) beneath the gasoline tank and low concentrations of total recoverable petroleum hydrocarbons (TRPH) below the diesel fuel tank. Additional samples subsequently were collected beneath the diesel fuel tank to assess the magnitude and extent of the TRPH impacts; soil samples were non-detect for TRPH but indicated low concentrations of toluene, xylenes, and ethylbenzenes. The impacted soil was removed and stockpiled on-site and later moved to another location off-site in case further treatment was deemed necessary. According to documents reviewed by Ramboll, no soil stockpiles were left at the site. A closure report was submitted to the Los Angeles County Department of Public Works (LACDPW) in 1991, however, the LACDPW subsequently requested additional sampling (including sampling and testing for methyl-tertiary-butyl [MTBE]) prior to granting closure. A 2000 soil boring investigation was completed in the area of the former USTs with the goal of obtaining closure status for the two formerly 10,000-gallon USTs during which five additional soil borings were drilled and sampled for TPH and metals at locations around the former USTs. Results of the laboratory analysis during the 2000 investigation "showed no indication of petroleum hydrocarbons remaining in the soil, and lead concentrations were indicative of background levels in soil for the area." Following the additional investigation, the LACDPW issued closure certification on September 14, 2005 for the two former USTs removed in 1991.

7.1.3 Other Findings

Although not considered to be RECs, Ramboll identified the following notable other findings.

- **Past Industrial Operations at the Site.** Between the late 1940s and the early 1990s, the site, as part of a larger property (US Pipe and Foundry), was used in concrete pipe manufacturing operations. Operations related to the pipe manufacturing company conducted at the site included a headquarters office building, a large automotive service garage (with a waste oil sump and associated tank), and gasoline/diesel fuel filling station (with several underground storage tanks [USTs]), a cesspool (septic tank), and a railroad line with loading and unloading activities. These former industrial operations included or may have included the use of petroleum products, solvents, adhesives, paints, metals, acids, caustics, corrosives, and/or other chemicals, including potential solvent use in the service garage area. Subsurface investigations performed at the focused on the removal and subsequent assessment of former USTs at the site (as described in the ensuing sections of this report), and limited soil sampling was performed in the vicinity of the service garage and cesspool including trenching and surface sampling. Soil samples were tested for solvents, CAM metals and benzene, toluene, ethylbenzene, and xylenes (BTEX). Samples collected around the former cesspool indicated low concentrations of ethylbenzene (3 micrograms per liter [µg/L]), below screening levels. The one soil sample collected around the garage area did not detect volatile organic compounds (VOCs) via USEPA Method 8240. Ramboll requested information from the Los Angeles Regional Water Quality Control Board (LARWQCB) and additional agencies (see Section 2.1) for the current and former site addresses in an attempt to further assess environmental concerns associated with the former industrial operations performed at the site; however, only limited information has been provided to date. To address the largely unknown historical features and nature of historical activities, Ramboll conducted a subsurface investigation at the site that included collection of soil and soil vapor samples in January 2022. Based on the results of the limited soil and soil vapor sampling conducted as part of this subsurface

investigation, Ramboll concluded the following: total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs) were not detected in soil above applicable screening criteria; arsenic was the only metal detected in soil at concentrations above screening levels but below established California background levels. In soil vapor, no VOCs were reported above applicable DTSC/USEPA commercial existing building screening levels using the 0.001 attenuation factor (AF). Benzene was reported in only one sample above applicable DTSC/USEPA commercial existing building using the screening level calculated using the highly conservative 0.03 AF. Based on the subsurface investigation conducted by Ramboll (see Section 6 for additional details), it is unlikely the historical operations have impacted the subsurface and no additional sampling is recommended.

- **1991 Removal of Underground Storage Tanks (USTs).** As stated above, a filling station formerly was located on the site. Filling station operations included the use of five documented USTs, two of which (one 10,000-gallon diesel fuel and one 10,000-gallon gasoline USTs) were removed from the site in 1991 and the remaining three of which were removed in 1986 with closure (described under HRECs, Section 6.1.2). With regard to the two USTs removed in 1991, soil samples were collected from beneath the tanks to evaluate if soils had been impacted by the potentially leaking USTs; analytical results indicated non-detect concentrations of total petroleum hydrocarbons as gasoline (TPHg) beneath the gasoline tank and low concentrations of total recoverable petroleum hydrocarbons (TRPH) below the diesel fuel tank. Additional samples subsequently were collected beneath the diesel fuel tank to assess the magnitude and extent of the TRPH impacts; soil samples were non-detect for TRPH but indicated low concentrations of toluene, xylenes, and ethylbenzenes. The impacted soil was removed and stockpiled on-site and later moved to another location off-site in case further treatment was deemed necessary. According to documents reviewed by Ramboll, no soil stockpiles were left at the site. A closure report was submitted to the Los Angeles County Department of Public Works (LACDPW) in 1991, however, the LACDPW subsequently requested additional sampling (including sampling and testing for methyl-tertiary-butyl [MTBE]) prior to granting closure. A 2000 soil boring investigation was completed in the area of the former USTs with the goal of obtaining closure status for the two formerly 10,000-gallon USTs during which five additional soil borings were drilled and sampled for TPH and metals at locations around the former USTs. Results of the laboratory analysis during the 2000 investigation "showed no indication of petroleum hydrocarbons remaining in the soil, and lead concentrations were indicative of background levels in soil for the area." Following the additional investigation, the LACDPW issued closure certification on September 14, 2005 for the two former USTs removed in 1991.
- **San Gabriel Valley (Area 2) Baldwin Park, CA National Priorities List (NPL).** The site is located within the Baldwin Park Operable Unit (BPOU) of the San Gabriel Valley superfund site, which comprises approximately eight square miles of contaminated groundwater. The main contaminants of concern are chlorinated volatile organic compounds (VOCs), namely tetrachloroethene (PCE), trichloroethene (TCE), carbon tetrachloride, perchlorate, n-nitrosodimethylamine, 1,2,3-trichloropropane, and 1,4-dioxane. Since 2006, groundwater plumes have been controlled through the use of groundwater extraction wells, treatment of VOCs with air stripping or liquid phase granular activated carbon (LPGAC), ion exchange, and ultraviolet light and hydrogen peroxide system. Treated groundwater is conveyed to the public water distribution system. The most recent "Five-Year Review" was completed in 2017 and concluded that the superfund site remedy continued to be protective of human health and the environment. Although the site is located within the boundaries of the BPOU, according to the most recent

Annual Performance Evaluation Report conducted by the EPA (dated April 2021) which includes the BPOU, the site is located at least 0.7-mile crossgradient of the identified VOC contaminant plume.

The site is listed in the Well Investigation Program (WIP) database related to the BPOU site investigation. The WIP is a program that was implemented to identify facilities that may have contributed to groundwater impacts associated with San Gabriel Valley Area 2. The status of the WIP listing for the site is listed as "backlog;" however, no subsurface investigations appear to have been conducted at the site with respect to the WIP listing. The WIP program is no longer in use. Existing WIP cases that are still begin assessed or remediated are overseen under the SLIC Program. A listing of "backlog" is not anticipated to cause for concern to the site.

Based on the available information, there is no indication that groundwater contamination associated with the BPOU is migrating to the site. If contamination associated with the BPOU is found to have migrated onto the site, it is expected that any investigation/remedial activities would be the responsibility of the entity(ies) named in the listing or other designated responsible party and not the owner of the Property.

7.1.4 De Minimis Conditions

De minimis conditions are those that do not represent a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. Ramboll did identified the following *de minimis* condition related to the site:

- **Pavement Staining.** Ramboll observed multiple areas of exterior pavement where automotive stains were apparent. The stains were limited in areal extent, the underlying pavement appeared to be intact, and no stains appeared to reach storm water drains. As such, Ramboll considers this matter to represent a *de minimis* condition.

7.2 Analysis of Data Gaps

The ASTM Standard defines a data gap as "a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information." A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on significant data gaps.

Limiting conditions and deviations from the ASTM Standard for the assessment are discussed below.

- Facility personnel did not have current contact information for representatives of former site owners/occupants. Thus, Ramboll was unable to interview former owners/occupants about historical operations and site conditions. However, Ramboll conducted interviews with representatives of BNY Mellon with tenure at the site dating back to 2014 and reviewed other historical sources regarding former uses of the site.
- During the site visit, Ramboll did not observe the roof of the building due to the facility personnel's request that only a limited number of visitors view the roof due to security reasons.
- Due to security concerns, the site contact requested photos be limited to storage closets and exterior photos only.

None of the exceptions, deletions, deviations, or site reconnaissance limitations noted above are considered to represent significant data gaps.

8. ASTM DEFINITIONS

The following definitions are presented in the ASTM Standard:

REC - Recognized Environmental Condition:

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to 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.

CREC - Controlled Recognized Environmental Condition:

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, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

HREC - Historical Recognized Environmental Condition:

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.

***De minimis* Condition:**

A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Data Gap/Significant Data Gap:

A lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information. A data gap is significant if other information and/or professional experience raises concerns involving the data gap.

Please note that the term "other finding" is not defined by ASTM; rather, Ramboll uses the term to connote areas of contingent risk that are not clearly defined by the ASTM Standard.

TABLES

Table 10. Summary of Metals and TPH in Soil
14005 Live Oak Avenue
Irwindale, California

Location	Depth (feet bgs)	Date Sampled	Arsenic[a]	Barium	Beryllium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Vanadium	Zinc	Mercury	TPH	
															TPH - DRO (C13-C22)	TPH - ORO (C23-C40)
DTSC Commercial Screening Level			**0.36**	NE	**230**	NE	NE	NE	**320**	NE	11,000	NE	NE	**4.4**	**500**	**18,000**
EPA Commercial Screening Level			**3**	**220,000**	**2,300**	**1,800,000**	**350**	**47,000**	**800**	**5,800**	**22,000**	**5,800**	**350,000**	**46**	**440**	**30,000**
SB-1	2	1/10/2022	**3.1**	**62**	**0.21 J**	**12**	**5.4**	**14**	**3.5**	< 2.0	**8.1**	**29**	**28**	**0.026 J**	< 4.9	< 4.9
	5		**2.1 J**	**56**	**0.27 J**	**9.5**	**4.4**	**8.1**	**6.7**	< 2.0	**5.5**	**24**	**26**	**0.046 JB**	< 4.7	**7.3 B**
SB-3	5	1/11/2022	**2.9 J**	**66**	**0.18 J**	**13**	**4.3**	**13**	**15**	**1.6 J**	**7.1**	**24**	**33**	**0.033 J**	< 4.9	**16**
	10		**3.2**	**100**	**0.26 J**	**8.8**	**5.4**	**16**	**2.9**	< 2.0	**6.4**	**27**	**34**	**0.043 J**	< 5.0	**4.9 J**
SB-4	5	1/10/2022	**3.2**	**67**	**0.15 J**	**8.0**	**4.1**	**5.9**	**7.2**	**1.5 J**	**3.5**	**17**	**81**	**0.021 JB**	< 5.0	**6.5 B**
SB-6	5	1/10/2022	**1.1 J**	**71**	**0.20 J**	**12**	**6.3**	**11**	**2.1**	< 2.0	**8.5**	**24**	**34**	**0.019 JB**	**6.3**	**9.2 B**
	10	1/11/2022	**1.7 J**	**49**	**0.20 J**	**7.0**	**4.1**	**7.7**	**3.3**	**0.73 J**	**4.7**	**16**	**24**	**0.16**	< 4.9	**6.1**
SB-7	5	1/10/2022	**2.7 J**	**55**	**0.20 J**	**12**	**5.5**	**13**	**3.1**	**1.7 J**	**6.4**	**24**	**28**	**0.13 B**	**6.2**	**45 B**
	10		< 3.0	**440**	**0.16 J**	**8.6**	**13**	**32**	**1.7 J**	< 2.0	**11**	**72**	**38**	**0.051 JB**	**4.5 J**	**8.5 B**
SB-8	5	1/11/2022	< 3.0	**54**	**0.19 J**	**9.3**	**3.9**	**7.6**	**3.1**	**0.86 J**	**4.8**	**20**	**24**	**0.041 J**	< 5.1	**6.7**
	10		**1.8 J**	**62**	**0.16 J**	**5.1**	**3.1**	**8.8**	**3.0**	< 2.0	**3.0**	**19**	**28**	< 0.081	< 4.8	**3.7 J**
SB-9	5	1/11/2022	< 3.0	**55**	**0.12 J**	**6.9**	**2.7**	**18**	**7.0**	**0.64 J**	**4.0**	**14**	**21**	**0.046 J**	< 4.8	**52**
	10		**2.6 J**	**140**	**0.18 J**	**4.3**	**3.9**	**23**	**5.8**	< 2.0	**3.1**	**22**	**52**	**0.024 J**	< 5.0	**36**
SB-10	5	1/11/2022	**1.8 J**	**93**	**0.20 J**	**8.8**	**4.4**	**11**	**2.3**	< 2.0	**5.5**	**21**	**25**	< 0.081	< 5.0	**4.1 J**
	10		**1.7 J**	**93**	**0.20 J**	**6.8**	**4.7**	**9.4**	**3.9**	**0.95 J**	**4.5**	**24**	**35**	**0.029 J**	< 5.2	**4.6 J**

Notes:

Only compounds reported above the laboratory reporting limit in at least one sample are shown.
Concentrations and screening levels are reported in milligrams per kilogram (mg/kg).
bgs - below ground surface
Concentrations above the laboratory RL are **bolded**.
< X - not reported above laboratory RL (X)
J - analyte concentration detected between RL and method detection limit (MDL)
Soil samples were analyzed for Metals by USEPA Method 6010B/7471A and TPH by USEPA Method 8015B.
RL - reporting limit
GRO - gasoline range organics
ORO - oil range organics
USEPA - United States Environmental Protection Agency
DRO - diesel range organics
Highlights exceed respective screening criteria.
B - compounds was found in the blank and sample
NE - Not established
TPH - total petroleum hydrocarbons

[a] Arsenic occurs naturally in soil. An evaluation of arsenic soil data from school sites in Southern California found arsenic concentrations ranging from 0.15 mg/kg to 20 mg/kg, with an upper-bound background arsenic concentration of 12 mg/kg (Chernoff G., Bosan W., Oudiz D. 2008. Determination of a Southern California Regional Background Arsenic Concentration in Soil). Arsenic concentrations in soil samples collected at the site were conservatively screened against 12 mg/kg.

References:

Cal/EPA. 2011. Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air - Final. October.
Cal/EPA. 2020. Human and Ecological Risk Office (HERO) Human Health Risk assessment (HHRA) Note Number 4, Issue: DTSC-Modified Screening Levels (DTSC-SLs). June.
USEPA. 2021. Regional Screening Levels Summary Table. November.

Table 11. Summary of VOCs in Soil Vapor
14005 Live Oak Avenue
Irwindale, California

Sample Location	Depth (feet bgs)	Date Sampled	Tetrachloroethene	Benzene	Toluene	Ethylbenzene	o-Xylene	1,2,4-Trimethylbenzene
Soil Gas Commercial Existing Building Screening Level (0.001 AF)			2	0.42	1,300	4.9	440	260
Soil Gas Commercial Existing Building Screening Level (0.03 AF)			0.067	0.014	43	0.163	14.7	8.67
SV-1	5	1/14/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
SV-2	5	1/14/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
SV-3	5	1/14/2022	**0.030**	**0.020 J**	**0.10**	**0.020 J**	**0.020 J**	**0.030**
	15		**0.040**	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
	15		***0.040***	*< 0.0060*	*< 0.0125*	*< 0.0125*	*< 0.0125*	*< 0.0125*
SV-4	5	1/13/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
SV-5	5	1/13/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
SV-6	5	1/13/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
	15		**0.030**	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
SV-7	5	1/13/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
	15		< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
SV-8	5	1/13/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
	15		< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
SV-9	5	1/13/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
	15		**0.060**	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
SV-10	5	1/13/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
	15		< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
SV-11	5	1/13/2022	< 0.0125	< 0.0060	< 0.0125	< 0.0125	< 0.0125	< 0.0125
	5		*< 0.0125*	*< 0.0060*	*< 0.0125*	*< 0.0125*	*< 0.0125*	*< 0.0125*

Notes:

Only compounds reported above the laboratory reporting limit in at least one sample are shown.

Concentrations and screening levels are reported in micrograms per Liter (µg/L).

VOCs - volatile organic compounds

AF - attenuation factor

bgs - below ground surface

RL - reporting limit

Concentrations above the laboratory RL are **bolded**.

J - analyte concentration detected between the RL and method detection limit (MDL)

< X - not reported above laboratory RL (X)

Duplicate sample results are italicized.

Highlights exceed respective screening criteria.

Soil gas samples were analyzed for volatile organic compounds (VOCs) by USEPA Method 8260B.

USEPA - United States Environmental Protection Agency

References:

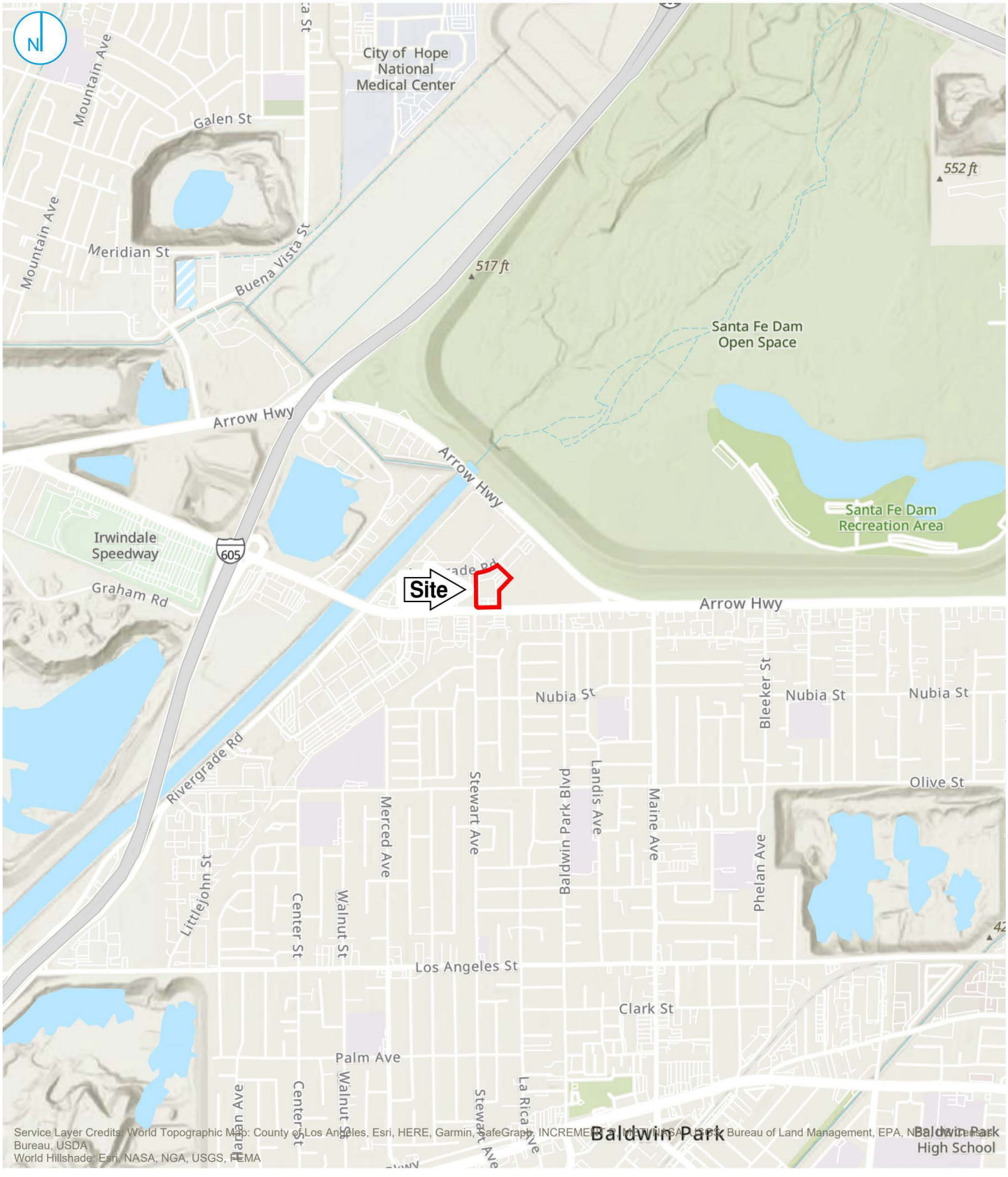
Cal/EPA. 2011. Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air - Final. October.

Cal/EPA. 2015. Preliminary Endangerment Assessment Guidance Manual. October.

Cal/EPA. 2020. Human and Ecological Risk Office (HERO) Human Health Risk assessment (HHRA) Note Number 4, Issue: DTSC-Modified Screening Levels (DTSC-SLs). June.

USEPA. 2021. Regional Screening Levels Summary Table. November.

FIGURES



C:\Users\CWILLIAMSFREIER\Ramboll\Melody Kneale - Projects_Phase_II\Rexford\03_GIS\Irwindale\14005LiveOak\PhaseIFigures.aprx\Figure 01 - Site Location

Map Scale: 1:24,000 | Map Center: 117°58'4"W 34°6'28"N



KEY MAP (not to scale)

Site Boundary

0 1,000 2,000 Feet

SITE LOCATION

14005 Live Oak
Irwindale, California

FIGURE 01

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL



Site Boundary
D Diesel Generators
T Transformer
MW Municipal Waste

0 75 150 Feet

SITE LAYOUT

14005 Live Oak
Irwindale, California

FIGURE 02

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

C:\Users\CWILLIAMSFREIER\Ramboll\Melody Kneale - Projects_Phase_I\Rexford\03_GIS\Irwindale\14005LiveOak\PhaseIFigures.aprx\Figure 03 - Soil and Soil Vapor Sample Locations



Site Boundary
Soil Vapor Boring
Soil and Soil Vapor Boring

0 45 90 Feet

SOIL AND SOIL VAPOR SAMPLE LOCATIONS

BNK Mellon
14005 Live Oak,
Irwindale, California

FIGURE 03

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690024768-001 | DATED: 1/21/2022 | DESIGNER: CWILLIAMSFREIER

APPENDIX A
SITE PHOTOGRAPHS



Photo 1: View of the site building, municipal waste dumpsters, and diesel fuel generator enclosure looking southwest.



Photo 2: View of the main entrance of the site building looking north.



Photo 3: View of lidded municipal waste dumpster located in the northeastern portion of the site parking lot.



Photo 4: View of the lunch room in the northwest corner of the building.



Photo 5: View of one of two janitorial rooms, sink, and hot water heater located on the first floor.



Photo 6: View of one of two hydraulic elevator equipment and reservoir located on the first floor.



Photo 7: View of the second hydraulic elevator equipment and reservoir located on the first floor.



Photo 8: View of the smaller Cummins Genset emergency generator equipment located in the north



Photo 9: View the Cummings Genset associated diesel fuel "day tank."



Photo 10: View of the larger 2,200-gallon diesel fuel "belly" tank under the Caterpillar emergency generator located in the northeastern corner of the site.



Photo 11: View of minor parking lot staining.



Photo 12: View of the adjacent vacant parcel to the east looking east 



Photo 13: View of the semi tractor trailer parking lot to the northeast of the site.



Photo 14: View of vicinity property to the north looking north.

APPENDIX B
ENVIRONMENTAL DATABASE REPORT

NOTES ON ENVIRONMENTAL DATABASE REPORT

EDR conducted its searches for the standard environmental record sources and the minimum search distances, as specified by the ASTM Standard. The ASTM Standard uses the terminology "approximate minimum search distance" to refer to the radii searched in the environmental database report.

EDR conducted the search of environmental databases in December 2021. Because the environmental databases themselves are sometimes not updated by the specific regulatory agencies for periods of up to one year or more (depending on the database and the state), the database search conducted herein will not necessarily list any facility or site for which an environmental investigation/listing has been initiated subsequent to the last update.

14005 Live Oak Ave
14005 Live Oak Ave
Baldwin Park, CA 91706

Inquiry Number: 6756447.2s
November 18, 2021

The EDR Radius Map™ Report with GeoCheck®

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

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Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

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Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), 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

14005 LIVE OAK AVE
BALDWIN PARK, CA 91706

COORDINATES

Latitude (North):	34.1076520 - 34° 6' 27.54"
Longitude (West):	117.9685470 - 117° 58' 6.76"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	410666.2
UTM Y (Meters):	3774321.0
Elevation:	414 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12015951 BALDWIN PARK, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
14005 LIVE OAK AVE
BALDWIN PARK, CA 91706

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	RALPHS GROCERY CO	14005 LIVE OAK AVE	CA HAZNET, CA HWTS		TP
A2	THE REALTY ASSOCIATE	14005 LIVE OAK AVE	CA LOS ANGELES CO. HMS		TP
A3	RALPHS GROCERY CO	14005 LIVE OAK AVE	CA SWEEPS UST, CA LOS ANGELES CO. HMS		TP
A4	HUGHES - SEE 015636-	14005 LIVE OAK AVE	CA LOS ANGELES CO. HMS		TP
A5	HUGHES MARKET INC	14005 LIVE OAK AVE	CA UST		TP
A6	HUGHES FAMILY MARKET	14005 LIVE OAK	RCRA-SQG, FINDS, ECHO		TP
A7	HUGHES MARKETS	14005 E LIVE OAK AVE	CA CPS-SLIC, CA LOS ANGELES CO. HMS, CA WIP, CA...		TP
A8	HUGHES FAMILY MARKET	14005 LIVE OAK	CA HWTS		TP
Reg	SAN GABRIEL VALLEY		CA AOCONCERN	Same	2475, 0.469, ESE
Reg	SAN GABRIEL VALLEY A	SUNSET & SAN BERNARD	NPL, SEMS, US ENG CONTROLS, RCRA NonGen / NLR,...	Same	3727, 0.706, SE
B9	KOLL BUSINESS	14041 LIVE OAK	CA CPS-SLIC	Lower	1 ft.
B10	CITY OF IRWINDALE	14041 LIVE OAK AVE	CA HAZNET, CA HWTS	Lower	1 ft.
B11	KOLL BUSINESS	14041 E. LIVE OAK AV	FINDS	Lower	1 ft.
B12	1X UNITED CONCRETE P	14041 EAST LIVE OAK	CA HAZNET, CA HWTS	Lower	1 ft.
B13	UNITED CONCRETE PIPE	14041 E LIVE OAK AVE	CA HAZNET, CA HWTS	Lower	1 ft.
B14	UNITED CONCRETE PIPE	14041 LIVE OAK AVE E	CA RGA LUST	Lower	1 ft.
B15	UNITED CONCRETE PIPE	14041 LIVE OAK AVE.,	CA RGA LUST	Lower	1 ft.
B16	UNITED CONCRETE PIPE	14041 LIVE OAK AVE E	CA RGA LUST	Lower	1 ft.
B17	UNITED CONCRETE PIPE	14041 LIVE OAK AVE E	CA RGA LUST	Lower	1 ft.
B18	THE KOLL CO/UNITED P	14041 E LIVE OAK AVE	CA CPS-SLIC, CA EMI, LA Co. Site Mitigation, CA...	Lower	1 ft.
B19	UNITED CONCRETE PIPE	14041 E LIVE OAK AVE	RCRA-SQG, CA ENVIROSTOR, CA LUST, FINDS, ECHO, CA...	Lower	1 ft.
B20	UNITED CONCRETE PIPE	14041 E LIVE OAK AVE	CA SWEEPS UST, CA HIST UST, CA LOS ANGELES CO....	Lower	1 ft.
B21	FULLER & ASSOCIATES	14160 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B22	SUNBURST DRPERY CLRS	14160 LIVE OAK AVE B	EDR Hist Cleaner	Lower	189, 0.036, SE
B23	SVI INTERNATIONAL, I	14120 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B24	MULTI-DUTI MANUFACTU	14140 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B25	SHELCOMM	14160 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B26	HYDRODYNE	14140 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B27	TIME & SOUND CO., IN	14120 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B28	SUNBURST DRAPERY CLE	14160 LIVE OAK AVE U	CA DRYCLEANERS	Lower	189, 0.036, SE
B29	SUNBURST DRAPERY CLE	14160 LIVE OAK AVE	CA CPS-SLIC, CA DRYCLEANERS, CA WIP, CA CERS	Lower	189, 0.036, SE
B30	MULTI-DUTI MFG. INC.	14140 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B31	K. S. BROTHER BOX	14140 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B32	TOPTEK TECHNOLOGY, I	14140 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B33	SEIZMIC INC.	14160 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B34	TIMES INTERNATIONAL	14160 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B35	GUMSHOE ENTERPRISES,	14120 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B36	SIERRA ELECTRONICS	14160 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE
B37	HART ENTERPRISES	14160 LIVE OAK AVE	CA WIP	Lower	189, 0.036, SE

MAPPED SITES SUMMARY

Target Property Address:
14005 LIVE OAK AVE
BALDWIN PARK, CA 91706

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
C38		13940 E LIVE OAK AVE	CA AST	Lower	315, 0.060, SW
C39	WEBSTER'S REFUSE DIS	13940 LIVE OAK AVE	CA SWF/LF, CA LUST, CA HAULERS	Lower	315, 0.060, SW
C40	WASTE MANAGEMENT - S	13940 EAST LIVE OAK	CA UST	Lower	315, 0.060, SW
C41	SCA/WEBSTER'S REFUSE	13940 LIVE OAK AVE	CA HIST UST	Lower	315, 0.060, SW
C42	WASTE MGT-SAN GABRIE	13940 LIVE OAK AVE	CA UST, CA LOS ANGELES CO. HMS	Lower	315, 0.060, SW
C43	WEBSTER'S REFUSE DIS	13940 LIVE OAK	CA HIST CORTESE	Lower	315, 0.060, SW
C44	WASTE MGMT SAN GABRI	13940 E LIVE OAK AVE	CA AST	Lower	315, 0.060, SW
C45	WASTE MGMT SAN GABRI	13940 E LIVE OAK AVE	CA UST	Lower	315, 0.060, SW
C46	WEBSTERS REFUSE DISP	13940 LIVE OAK	RCRA-SQG, CA SWF/LF, CA LUST, CA CERS HAZ WASTE,...	Lower	315, 0.060, SW
D47	CHARLIE'S PRODUCE	5301 RIVERGRADE RD	CA CERS HAZ WASTE, CA CERS	Higher	337, 0.064, WNW
D48	AP EXPRESS/CHAMPION	5301A RIVERGRADE RD	CA CERS HAZ WASTE, CA CERS	Higher	337, 0.064, WNW
D49	LOS ANGELES REGIONAL	5301 RIVERGRADE RD	RCRA NonGen / NLR	Higher	337, 0.064, WNW
D50	AP EXPRESSION CHAMPI	5301A RIVERGRADE RD	RCRA NonGen / NLR	Higher	337, 0.064, WNW
C51	B AND W PRECISION IN	13955 LIVE OAK AVE	RCRA-SQG, FINDS, ECHO, CA HAZNET, CA HWTS	Lower	429, 0.081, WSW
52	IRWINDALE MRF AND TR	2200 ARROW HIGHWAY	CA SWF/LF, CA CERS	Higher	476, 0.090, East
C53	WASTE MANAGEMENT - S		CA LOS ANGELES CO LF METHANE	Lower	522, 0.099, WSW
C54	WASTE MANAGEMENT. SA		CA LOS ANGELES CO LF METHANE	Lower	522, 0.099, WSW
D55	THE REALTY ASSOCIATE	5305 NORTH RIVERGRAD	CA LUST, CA Cortese, CA CERS	Lower	586, 0.111, WNW
D56	APEX	5305 RIVERGRADE RD	RCRA-LQG	Lower	586, 0.111, WNW
E57	ELAINE'S CONTRACTING	14254 ARROW HWY	CA WIP	Higher	683, 0.129, NE
E58	TRANSMISSION PETE	1667 ARROW HWY	RCRA-SQG, FINDS, ECHO, CA HAZNET, CA HWTS	Higher	701, 0.133, NE
F59	ELIZABETH HERRERA	14112 JOANBRIDGE ST	RCRA NonGen / NLR	Lower	722, 0.137, SSE
G60	STENO-AIDE, INC.	14180 LIVE OAK AVE	CA WIP	Higher	857, 0.162, ESE
G61	CERA, INC.	14180 LIVE OAK AVE	CA WIP	Higher	857, 0.162, ESE
G62	ROUTE 66 KLUBS	14180 LIVE OAK AVE	EDR Hist Auto	Higher	857, 0.162, ESE
G63	SEIZMIC INC.	14180 LIVE OAK AVE	CA WIP	Higher	857, 0.162, ESE
G64	TECAN SP, INC.	14180 LIVE OAK AVE	CA CERS HAZ WASTE, CA CHMIRS, CA CERS	Higher	857, 0.162, ESE
G65	TECAN SP INC	14180 LIVE OAK AVE S	RCRA NonGen / NLR	Higher	857, 0.162, ESE
G66	INTEGRATED COMPUTER	14180 LIVE OAK AVE	CA WIP	Higher	857, 0.162, ESE
G67	J & B REFRIGERATION	14180 LIVE OAK AVE	CA WIP	Higher	857, 0.162, ESE
F68	F. M. CLEANING SERV	14138 JOANBRIDGE ST	CA WIP	Lower	865, 0.164, SE
69	WYNNS A DIV OF ILLIN	5238 RIVERGRADE RD	RCRA-SQG, CA HAZNET, CA HWTS	Lower	866, 0.164, West
H70	FORMFACTOR, INC.	5188 COMMERCE DRIVE	RCRA-LQG	Lower	995, 0.188, WSW
H71	ADVANTEST AMERICA IN	5188 COMMERCE DR	CA CERS HAZ WASTE, CA HAZNET, CA NPDES, CA CIWQS,..	Lower	995, 0.188, WSW
H72	TOUCHDOWN TECHNOLOGI	5188 COMMERCE DRIVE	RCRA-LQG	Lower	995, 0.188, WSW
H73	TOUCHDOWN TECHNOLOGI	5188 COMMERCE DRIVE	PA MANIFEST	Lower	995, 0.188, WSW
H74	ARYANA CORP DBA MMC	5170 COMMERCE DR	RCRA-SQG, FINDS, ECHO	Lower	1083, 0.205, WSW
H75	MMC/PHT	5170 COMMERCE DR	CA WIP	Lower	1083, 0.205, WSW
G76	WELL 06W CLINTON O.		CA PFAS	Higher	1105, 0.209, ESE

MAPPED SITES SUMMARY

Target Property Address:
14005 LIVE OAK AVE
BALDWIN PARK, CA 91706

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
I77	COVENTRY MFG CO INC	5152 COMMERCE DR	RCRA-SQG, FINDS, ECHO, CA HAZNET, CA WIP, CA HWTS	Lower	1155, 0.219, SW
H78	STEMCYTE INC	13800 LIVE OAK AVE	RCRA NonGen / NLR	Lower	1219, 0.231, WSW
H79	COMPOSITE STRUCTURES	13800 LIVE OAK AVE B	RCRA-SQG, FINDS, ECHO	Lower	1219, 0.231, WSW
J80	WELL 06E CLINTON O.		CA PFAS	Higher	1248, 0.236, ESE
I81	MY MACHINE INC	5140 COMMERCE DR	RCRA NonGen / NLR	Lower	1257, 0.238, SW
I82	KEILY RAY HEAVY EQUI	5140 COMMERCE DR	EDR Hist Auto	Lower	1257, 0.238, SW
J83	VALLEY CO WATER DIST	14233 E JOANBRIDGE S	CA UST, CA LOS ANGELES CO. HMS	Higher	1270, 0.241, ESE
J84	VALLEY COUNTY WATER	14233 JOANBRIDGE ST	CA CERS HAZ WASTE, CA HAZNET, CA CERS, CA HWTS	Higher	1270, 0.241, ESE
J85	VALLEY COUNTY WATER	14233 JOANBRIDGE ST	RCRA NonGen / NLR	Higher	1270, 0.241, ESE
J86	GARAGE AND WAREHOUSE	14233 JOANBRIDGE STR	CA HIST UST	Higher	1270, 0.241, ESE
J87	VALLEY COUNTY WATER	14233 JOANBRIDGE ST	CA CPS-SLIC, CA SWEEPS UST, CA ENF, CA HAZNET, CA...	Higher	1270, 0.241, ESE
J88	VALLEY COUNTY WATER	14233 JOANBRIDGE	RCRA NonGen / NLR	Higher	1270, 0.241, ESE
I89	UNITEX	5175 COMMERCE DR	CA WIP	Lower	1275, 0.241, SW
K90	RIVERGRADE SERVICE S	5200 RIVERGRADE RD	RCRA NonGen / NLR	Lower	1301, 0.246, West
K91	RIVERGRADE SERVICE S	5200 RIVERGRADE RD	CA UST	Lower	1301, 0.246, West
K92	RIVERGRADE SERVICE S	5200 RIVERGRADE RD	CA CERS HAZ WASTE, CA CERS TANKS, CA LOS ANGELES...	Lower	1301, 0.246, West
K93	RIVERGRADE SERVICE S	5200 RIVERGRADE RD S	EDR Hist Auto	Lower	1301, 0.246, West
94	CHEM ARROW	13643 LIVE OAK	CA ENF, CA Notify 65	Lower	1697, 0.321, WNW
L95	SAN GABRIEL RIVER IM		CA ENVIROSTOR	Higher	1735, 0.329, West
L96	SAN GABRIEL RIVER IM		FUDS	Higher	1735, 0.329, West
97	JONELL OIL CORP	13649 LIVE OAK LANE	SEMS, RCRA-SQG, FINDS, ECHO	Higher	1759, 0.333, NW
98	CF MOTORFREIGHT	13645 LIVE OAK LN	RCRA-SQG, CA LUST, FINDS, ECHO, CA Cortese, CA...	Higher	1841, 0.349, WNW
99	AP PROPANE	6226 IRWINDALE AVE	CA CPS-SLIC, CA WIP, CA CERS	Higher	2060, 0.390, NNE
100	ARROW FIELD SERVICE	1580 ARROW HWY	CA LUST, CA Cortese, CA HIST CORTESE, CA WIP, CA...	Higher	2173, 0.412, NNW
M101	WELL 02 MAIN ST. WES		CA PFAS	Higher	2186, 0.414, ESE
M102	WELL 01 MAIN ST. EAS		CA PFAS	Higher	2204, 0.417, ESE
N103	LBC IRWINDALE LLC DB	13620 LIVE OAK LN	CA SWF/LF, CA WMUDS/SWAT, CA ENF, CA Financial...	Lower	2407, 0.456, West
N104	NU-WAY LIVE OAK RECL	13620 LIVE OAK LANE	CA SWF/LF	Lower	2407, 0.456, West
N105	NU-WAY LIVE OAK RECL	13620 LIVE OAK LANE	CA SWF/LF, CA CERS	Lower	2407, 0.456, West
O106	NU-WAY LIVE OAK RECL		CA LOS ANGELES CO LF METHANE	Lower	2542, 0.481, WNW
O107	NU-WAY LIVE OAK RECL		CA LOS ANGELES CO LF METHANE	Lower	2542, 0.481, WNW
P108	CHUMO CONSTRUCTION I	14427 JOANBRIDGE ST	CA LUST, CA HIST UST, CA HIST CORTESE, CA LOS...	Higher	2581, 0.489, ESE
P109	CHUMO CONSTRUCTION	14427 JOANBRIDGE ST	CA LUST, CA Cortese, CA WIP, CA CERS	Higher	2581, 0.489, ESE
110	ALPHA II/IRWINDALE	2432-2536 BATEMAN AV	CA ENVIROSTOR, CA VCP	Higher	3075, 0.582, North
Q111	SANTA FE DAM		CA ENVIROSTOR	Higher	3339, 0.632, NNW
Q112	SANTA FE DAM		FUDS	Higher	3343, 0.633, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
RALPHS GROCERY CO 14005 LIVE OAK AVE IRWINDALE, CA 91706	CA HAZNET GEPAID: CAL000098166 CA HWTS	N/A
THE REALTY ASSOCIATE 14005 LIVE OAK AVE IRWINDALE, CA 91706	CA LOS ANGELES CO. HMS Facility ID: 015425-035756	N/A
RALPHS GROCERY CO 14005 LIVE OAK AVE IRWINDALE, CA 91706	CA SWEEPS UST Status: A Tank Status: A Comp Number: 16787 CA LOS ANGELES CO. HMS Facility ID: 015425-025828	N/A
HUGHES - SEE 015636- 14005 LIVE OAK AVE IRWINDALE, CA 91706	CA LOS ANGELES CO. HMS Facility ID: 015425-016787	N/A
HUGHES MARKET INC 14005 LIVE OAK AVE BALDWIN PARK, CA 91706	CA UST Database: UST, Date of Government Version: 06/03/2021 Facility Id: 16787	N/A
HUGHES FAMILY MARKET 14005 LIVE OAK IRWINDALE, CA 91706	RCRA-SQG EPA ID:: CAR000011916 FINDS Registry ID:: 110002911813 ECHO Registry ID: 110002911813	CAR000011916
HUGHES MARKETS 14005 E LIVE OAK AVE IRWINDALE, CA 91706	CA CPS-SLIC Database: CPS-SLIC, Date of Government Version: 06/03/2021 Facility Status: Completed - Case Closed Global Id: SL603798920 CA LOS ANGELES CO. HMS Facility ID: 015425-I16728 CA WIP	N/A

EXECUTIVE SUMMARY

Facility Status: Backlog

CA CERS

HUGHES FAMILY MARKET
14005 LIVE OAK
IRWINDALE, CA 91706

CA HWTS N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL_____ Proposed National Priority List Sites
NPL LIENS_____ Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL_____ National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY_____ Federal Facility Site Information listing

Federal 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-VSQG_____ RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS_____ Land Use Control Information System

US INST CONTROLS_____ Institutional Controls Sites List

Federal ERNS list

ERNS_____ Emergency Response Notification System

State- and tribal - equivalent NPL

CA RESPONSE_____ State Response Sites

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
INDIAN UST_____ Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP_____ Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

CA BROWNFIELDS_____ Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS_____ A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

CA SWRCY_____ Recycler Database
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
CA HIST Cal-Sites_____ Historical Calsites Database
CA SCH_____ School Property Evaluation Program
CA CDL_____ Clandestine Drug Labs
CA Toxic Pits_____ Toxic Pits Cleanup Act Sites
US CDL_____ National Clandestine Laboratory Register
CA AQUEOUS FOAM_____ Former Fire Training Facility Assessments Listing

Local Land Records

CA LIENS_____ Environmental Liens Listing

LIENS 2 CERCLA Lien Information
CA DEED Deed Restriction Listing

Records of Emergency Release Reports

HMIRS Hazardous Materials Information Reporting System
CA LDS Land Disposal Sites Listing
CA MCS Military Cleanup Sites Listing
CA SPILLS 90 SPILLS 90 data from FirstSearch

Other Ascertainable Records

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
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
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
DOCKET HWC Hazardous Waste Compliance Docket Listing
UXO Unexploded Ordnance Sites
FUELS PROGRAM EPA Fuels Program Registered Listing
CA BOND EXP. PLAN Bond Expenditure Plan
CA CUPA Listings CUPA Resources List
CA ICE ICE
CA HWP EnviroStor Permitted Facilities Listing
CA HWT Registered Hazardous Waste Transporter Database
CA MINES Mines Site Location Listing
CA MWMP Medical Waste Management Program Listing
CA PEST LIC Pesticide Regulation Licenses Listing
CA PROC Certified Processors Database
CA UIC UIC Listing
CA UIC GEO UIC GEO (GEOTRACKER)

CA WASTEWATER PITS___ Oil Wastewater Pits Listing
CA MILITARY PRIV SITES__ MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT_____ PROJECT (GEOTRACKER)
CA WDR_____ Waste Discharge Requirements Listing
CA NON-CASE INFO_____ NON-CASE INFO (GEOTRACKER)
CA OTHER OIL GAS_____ OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS__ PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT_____ SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ_____ Well Stimulation Project (GEOTRACKER)
MINES MRDS_____ Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP_____ EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF_____ Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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 NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/29/2021 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY A Cerclis ID:: 902092	***SUNSET & SAN BERNARD***	***SE 1/2 - 1 (0.706 mi.)***	***0***	***17***

EPA Id: CAD980818512

Federal CERCLIS list

SEMS: 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 know 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.

A review of the SEMS list, as provided by EDR, and dated 07/29/2021 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JONELL OIL CORP Site ID: 0902311 EPA Id: CAD981393077	***13649 LIVE OAK LANE***	***NW 1/4 - 1/2 (0.333 mi.)***	***97***	***326***

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 09/13/2021 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
APEX EPA ID:: CAR000297044	5305 RIVERGRADE RD	WNW 0 - 1/8 (0.111 mi.)	D56	160
FORMFACTOR, INC. EPA ID:: CA0000036434	5188 COMMERCE DRIVE	WSW 1/8 - 1/4 (0.188 mi.)	H70	200
TOUCHDOWN TECHNOLOGI EPA ID:: CAL000290253	5188 COMMERCE DRIVE	WSW 1/8 - 1/4 (0.188 mi.)	H72	241

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 8

RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRANSMISSION PETE EPA ID:: CAD982410433	***1667 ARROW HWY***	***NE 1/8 - 1/4 (0.133 mi.)***	***E58***	***163***

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE EPA ID:: CAD982523425	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B19***	***41***
WEBSTERS REFUSE DISP EPA ID:: CAD981439912	***13940 LIVE OAK***	***SW 0 - 1/8 (0.060 mi.)***	***C46***	***66***
B AND W PRECISION IN EPA ID:: CAR000055426	***13955 LIVE OAK AVE***	***WSW 0 - 1/8 (0.081 mi.)***	***C51***	***126***
WYNNS A DIV OF ILLIN EPA ID:: CAR000220269	***5238 RIVERGRADE RD***	***W 1/8 - 1/4 (0.164 mi.)***	***69***	***185***
ARYANA CORP DBA MMC EPA ID:: CAD982523441	***5170 COMMERCE DR***	***WSW 1/8 - 1/4 (0.205 mi.)***	***H74***	***247***
COVENTRY MFG CO INC EPA ID:: CAD006326805	***5152 COMMERCE DR***	***SW 1/8 - 1/4 (0.219 mi.)***	***I77***	***259***
COMPOSITE STRUCTURES EPA ID:: CAD982440174	***13800 LIVE OAK AVE B***	***WSW 1/8 - 1/4 (0.231 mi.)***	***H79***	***269***

State- and tribal - equivalent CERCLIS

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

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 07/22/2021 has revealed that there are 4 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL RIVER IM Facility Id: 80000462 Status: Inactive - Needs Evaluation		W 1/4 - 1/2 (0.329 mi.)	L95	324
ALPHA II/IRWINDALE Facility Id: 19750076 Status: No Further Action	***2432-2536 BATEMAN AV***	***N 1/2 - 1 (0.582 mi.)***	***110***	***380***
SANTA FE DAM Facility Id: 80000471 Status: Inactive - Needs Evaluation		NNW 1/2 - 1 (0.632 mi.)	Q111	384

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B19***	***41***

Facility Id: 19320196
Status: No Further Action

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

CA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the CA SWF/LF list, as provided by EDR, has revealed that there are 6 CA SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IRWINDALE MRF AND TR	***2200 ARROW HIGHWAY***	***E 0 - 1/8 (0.090 mi.)***	***52***	***154***
Database: SWF/LF (SWIS), Date of Government Version: 08/09/2021 Facility ID: 19-AA-1135 Operational Status: Planned Regulation Status: Proposed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEBSTER'S REFUSE DIS	***13940 LIVE OAK AVE***	***SW 0 - 1/8 (0.060 mi.)***	***C39***	***60***
Database: LOS ANGELES CO. LF, Date of Government Version: 07/09/2021 Site ID: 232 Status: Active				
WEBSTERS REFUSE DISP	***13940 LIVE OAK***	***SW 0 - 1/8 (0.060 mi.)***	***C46***	***66***
Database: LOS ANGELES CO. LF, Date of Government Version: 07/09/2021 Site ID: 1144 Status: Closed				
LBC IRWINDALE LLC DB	***13620 LIVE OAK LN***	***W 1/4 - 1/2 (0.456 mi.)***	***N103***	***357***
Database: SWF/LF (SWIS), Date of Government Version: 08/09/2021 Facility ID: 19-AA-0849 Operational Status: Inactive Regulation Status: Notification				
NU-WAY LIVE OAK RECL	13620 LIVE OAK LANE	W 1/4 - 1/2 (0.456 mi.)	N104	373
Database: LOS ANGELES CO. LF, Date of Government Version: 07/09/2021 Site ID: 1066 Status: Closed				
NU-WAY LIVE OAK RECL	***13620 LIVE OAK LANE***	***W 1/4 - 1/2 (0.456 mi.)***	***N105***	***374***
Database: LOS ANGELES CO. LF, Date of Government Version: 07/09/2021 Site ID: 10 Status: Closed				

State and tribal leaking storage tank lists

CA 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 CA LUST list, as provided by EDR, has revealed that there are 8 CA LUST sites within

approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CF MOTORFREIGHT	***13645 LIVE OAK LN***	***WNW 1/4 - 1/2 (0.349 mi.)***	***98***	***329***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/03/2021 Status: Completed - Case Closed Global ID: T0603704015 Facility Id: I-12933 Status: Leak being confirmed Global Id: T0603704015				
ARROW FIELD SERVICE	***1580 ARROW HWY***	***NNW 1/4 - 1/2 (0.412 mi.)***	***100***	***338***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/03/2021 Status: Completed - Case Closed Global ID: T0603700055 Facility Id: 014225 Status: Case Closed Global Id: T0603700055				
CHUMO CONSTRUCTION I	***14427 JOANBRIDGE ST***	***ESE 1/4 - 1/2 (0.489 mi.)***	***P108***	***376***
Database: LUST, Date of Government Version: 06/03/2021 Status: Completed - Case Closed Global Id: T0603703830				
CHUMO CONSTRUCTION	***14427 JOANBRIDGE ST***	***ESE 1/4 - 1/2 (0.489 mi.)***	***P109***	***378***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Global ID: T0603703830 Facility Id: I-11673 Status: Case Closed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B19***	***41***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/03/2021 Status: Completed - Case Closed Global ID: T0603702722 Facility Id: I-00593A Status: Case Closed Global Id: T0603702722				
WEBSTER'S REFUSE DIS	***13940 LIVE OAK AVE***	***SW 0 - 1/8 (0.060 mi.)***	***C39***	***60***
Database: LUST, Date of Government Version: 06/03/2021 Status: Completed - Case Closed Global Id: T0603703351				
WEBSTERS REFUSE DISP	***13940 LIVE OAK***	***SW 0 - 1/8 (0.060 mi.)***	***C46***	***66***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/03/2021 Status: Completed - Case Closed Global ID: T0603703351 Facility Id: I-09164 Status: Case Closed Global Id: T10000003395				
THE REALTY ASSOCIATE	***5305 NORTH RIVERGRAD***	***WNW 0 - 1/8 (0.111 mi.)***	***D55***	***158***
Database: LUST, Date of Government Version: 06/03/2021				

Status: Completed - Case Closed
Global Id: T0603752450

CA 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 CA CPS-SLIC list, as provided by EDR, has revealed that there are 5 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VALLEY COUNTY WATER	***14233 JOANBRIDGE ST***	***ESE 1/8 - 1/4 (0.241 mi.)***	***J87***	***294***
Database: CPS-SLIC, Date of Government Version: 06/03/2021 Facility Status: Open - Site Assessment Global Id: SL603798917				
AP PROPANE	***6226 IRWINDALE AVE***	***NNE 1/4 - 1/2 (0.390 mi.)***	***99***	***337***
Database: CPS-SLIC, Date of Government Version: 06/03/2021 Facility Status: Open - Inactive Global Id: SL603798881				

Lower Elevation	Address	Direction / Distance	Map ID	Page
KOLL BUSINESS	14041 LIVE OAK	0 - 1/8 (0.000 mi.)	B9	33
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: No further action required				
THE KOLL CO/UNITED P	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B18***	***40***
Database: CPS-SLIC, Date of Government Version: 06/03/2021 Facility Status: Open - Inactive Global Id: SLT43331329				
SUNBURST DRAPERY CLE	***14160 LIVE OAK AVE***	***SE 0 - 1/8 (0.036 mi.)***	***B29***	***55***
Database: CPS-SLIC, Date of Government Version: 06/03/2021 Facility Status: Open - Site Assessment Global Id: SL603798912				

State and tribal registered storage tank lists

CA 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 CA UST list, as provided by EDR, has revealed that there are 5 CA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VALLEY CO WATER DIST	***14233 E JOANBRIDGE S***	***ESE 1/8 - 1/4 (0.241 mi.)***	***J83***	***283***
Database: UST, Date of Government Version: 06/03/2021 Facility Id: 14172				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WASTE MANAGEMENT - S	13940 EAST LIVE OAK	SW 0 - 1/8 (0.060 mi.)	C40	62
Database: UST CLOSURE, Date of Government Version: 05/20/2021				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WASTE MGT-SAN GABRIE	***13940 LIVE OAK AVE***	***SW 0 - 1/8 (0.060 mi.)***	***C42***	***65***
Database: UST, Date of Government Version: 06/03/2021 Facility Id: 9164				
WASTE MGMT SAN GABRI	13940 E LIVE OAK AVE	SW 0 - 1/8 (0.060 mi.)	C45	66
Database: UST, Date of Government Version: 06/03/2021 Facility Id: LACoFA0016336				
RIVERGRADE SERVICE S	5200 RIVERGRADE RD	W 1/8 - 1/4 (0.246 mi.)	K91	305
Database: UST, Date of Government Version: 06/03/2021 Facility Id: LACoFA0039518				

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	13940 E LIVE OAK AVE	SW 0 - 1/8 (0.060 mi.)	C38	59
Database: AST, Date of Government Version: 07/06/2016				
WASTE MGMT SAN GABRI	13940 E LIVE OAK AVE	SW 0 - 1/8 (0.060 mi.)	C44	65
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the CA WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 CA WMUDS/SWAT site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LBC IRWINDALE LLC DB	***13620 LIVE OAK LN***	***W 1/4 - 1/2 (0.456 mi.)***	***N103***	***357***

Local Lists of Hazardous waste / Contaminated Sites

CA AOCONCERN: San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY		ESE 1/4 - 1/2 (0.469 mi.)	0	17

CA 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.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 07/15/2021 has revealed that there are 7 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHARLIE'S PRODUCE	*5301 RIVERGRADE RD*	*WNW 0 - 1/8 (0.064 mi.)*	*D47*	*101*
AP EXPRESS/CHAMPION	*5301A RIVERGRADE RD*	*WNW 0 - 1/8 (0.064 mi.)*	*D48*	*115*
TECAN SP, INC.	*14180 LIVE OAK AVE*	*ESE 1/8 - 1/4 (0.162 mi.)*	*G64*	*177*
VALLEY COUNTY WATER	*14233 JOANBRIDGE ST*	*ESE 1/8 - 1/4 (0.241 mi.)*	*J84*	*284*

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEBSTERS REFUSE DISP	*13940 LIVE OAK*	*SW 0 - 1/8 (0.060 mi.)*	*C46*	*66*
ADVANTEST AMERICA IN	*5188 COMMERCE DR*	*WSW 1/8 - 1/4 (0.188 mi.)*	*H71*	*216*
RIVERGRADE SERVICE S	*5200 RIVERGRADE RD*	*W 1/8 - 1/4 (0.246 mi.)*	*K92*	*305*

CA PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the CA PFAS list, as provided by EDR, and dated 06/04/2021 has revealed that there are 4 CA PFAS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WELL 06W CLINTON O.		ESE 1/8 - 1/4 (0.209 mi.)	G76	251
WELL 06E CLINTON O.		ESE 1/8 - 1/4 (0.236 mi.)	J80	272
WELL 02 MAIN ST. WES		ESE 1/4 - 1/2 (0.414 mi.)	M101	341
WELL 01 MAIN ST. EAS		ESE 1/4 - 1/2 (0.417 mi.)	M102	349

Local Lists of Registered Storage Tanks

CA 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 CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VALLEY COUNTY WATER Comp Number: 14172	*14233 JOANBRIDGE ST*	*ESE 1/8 - 1/4 (0.241 mi.)*	*J87*	*294*

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE	*14041 E LIVE OAK AVE*	*0 - 1/8 (0.000 mi.)*	*B20*	*49*

Status: A
Tank Status: A
Comp Number: 593

WEBSTERS REFUSE DISP	***13940 LIVE OAK***	***SW 0 - 1/8 (0.060 mi.)***	***C46***	***66***

Status: A
Tank Status: A
Comp Number: 9164

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GARAGE AND WAREHOUSE Facility Id: 00000056136	14233 JOANBRIDGE STR	ESE 1/8 - 1/4 (0.241 mi.)	J86	293

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B20***	***49***
SCA/WEBSTER'S REFUSE Facility Id: 00000008005	13940 LIVE OAK AVE	SW 0 - 1/8 (0.060 mi.)	C41	63
WEBSTERS REFUSE DISP Facility Id: 00000050664	***13940 LIVE OAK***	***SW 0 - 1/8 (0.060 mi.)***	***C46***	***66***

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEBSTERS REFUSE DISP Facility Id: 19002303 Status: A	***13940 LIVE OAK***	***SW 0 - 1/8 (0.060 mi.)***	***C46***	***66***

CA 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.

A review of the CA CERS TANKS list, as provided by EDR, and dated 07/15/2021 has revealed that there are 2 CA CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEBSTERS REFUSE DISP	***13940 LIVE OAK***	***SW 0 - 1/8 (0.060 mi.)***	***C46***	***66***
RIVERGRADE SERVICE S	***5200 RIVERGRADE RD***	***W 1/8 - 1/4 (0.246 mi.)***	***K92***	***305***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 9 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES REGIONAL EPA ID:: CAL000444310	5301 RIVERGRADE RD	WNW 0 - 1/8 (0.064 mi.)	D49	121
AP EXPRESSION CHAMPI EPA ID:: CAL000440915	5301A RIVERGRADE RD	WNW 0 - 1/8 (0.064 mi.)	D50	123
TECAN SP INC EPA ID:: CAL000426820	14180 LIVE OAK AVE S	ESE 1/8 - 1/4 (0.162 mi.)	G65	181
VALLEY COUNTY WATER	14233 JOANBRIDGE ST	ESE 1/8 - 1/4 (0.241 mi.)	J85	290
VALLEY COUNTY WATER	14233 JOANBRIDGE	ESE 1/8 - 1/4 (0.241 mi.)	J88	300
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
ELIZABETH HERRERA	14112 JOANBRIDGE ST	SSE 1/8 - 1/4 (0.137 mi.)	F59	174
STEMCYTE INC EPA ID:: CAL000410981	13800 LIVE OAK AVE	WSW 1/8 - 1/4 (0.231 mi.)	H78	267
MY MACHINE INC EPA ID:: CAL000353237	5140 COMMERCE DR	SW 1/8 - 1/4 (0.238 mi.)	I81	280
RIVERGRADE SERVICE S EPA ID:: CAL000338821	5200 RIVERGRADE RD	W 1/8 - 1/4 (0.246 mi.)	K90	302

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 08/10/2021 has revealed that there are 2 FUDS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL RIVER IM		W 1/4 - 1/2 (0.329 mi.)	L96	325
SANTA FE DAM		NNW 1/2 - 1 (0.633 mi.)	Q112	385

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 07/29/2021 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY A	***SUNSET & SAN BERNARD***	***SE 1/2 - 1 (0.706 mi.)***	***0***	***17***

EXECUTIVE SUMMARY

EPA ID:: CAD980818512

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 05/05/2021 has revealed that there are 2 FINDS sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KOLL BUSINESS Registry ID:: 110066620516	14041 E. LIVE OAK AV	0 - 1/8 (0.000 mi.)	B11	35
UNITED CONCRETE PIPE Registry ID:: 110001153126	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B19***	***41***

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 06/17/2021 has revealed that there are 6 CA Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CF MOTORFREIGHT Cleanup Status: COMPLETED - CASE CLOSED	***13645 LIVE OAK LN***	***WNW 1/4 - 1/2 (0.349 mi.)***	***98***	***329***
ARROW FIELD SERVICE Cleanup Status: COMPLETED - CASE CLOSED	***1580 ARROW HWY***	***NNW 1/4 - 1/2 (0.412 mi.)***	***100***	***338***
CHUMO CONSTRUCTION Cleanup Status: COMPLETED - CASE CLOSED	***14427 JOANBRIDGE ST***	***ESE 1/4 - 1/2 (0.489 mi.)***	***P109***	***378***

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE Cleanup Status: COMPLETED - CASE CLOSED	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B19***	***41***
WEBSTERS REFUSE DISP Cleanup Status: COMPLETED - CASE CLOSED	***13940 LIVE OAK***	***SW 0 - 1/8 (0.060 mi.)***	***C46***	***66***
THE REALTY ASSOCIATE Cleanup Status: COMPLETED - CASE CLOSED	***5305 NORTH RIVERGRAD***	***WNW 0 - 1/8 (0.111 mi.)***	***D55***	***158***

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUNBURST DRAPERY CLE	14160 LIVE OAK AVE U	SE 0 - 1/8 (0.036 mi.)	B28	54
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/18/2021				
SUNBURST DRAPERY CLE	***14160 LIVE OAK AVE***	***SE 0 - 1/8 (0.036 mi.)***	***B29***	***55***
Database: DRYCLEANERS, Date of Government Version: 05/25/2021				
EPA Id: CAD981655632				

CA EMI: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the CA EMI list, as provided by EDR, and dated 12/31/2019 has revealed that there is 1 CA EMI site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE KOLL CO/UNITED P	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B18***	***40***
Facility Id: 10823				

CA HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the CA HAZNET list, as provided by EDR, and dated 12/31/2019 has revealed that there are 3 CA HAZNET sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF IRWINDALE	***14041 LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B10***	***34***
GEPAID: CAC002652077				
1X UNITED CONCRETE P	***14041 EAST LIVE OAK***	***0 - 1/8 (0.000 mi.)***	***B12***	***35***
GEPAID: CAC000173517				
UNITED CONCRETE PIPE	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B13***	***37***
GEPAID: CAD982523425				

CA 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 [CALSITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that

there are 5 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CF MOTORFREIGHT Reg Id: I-12933	***13645 LIVE OAK LN***	***WNW 1/4 - 1/2 (0.349 mi.)***	***98***	***329***
ARROW FIELD SERVICE Reg Id: 014225	***1580 ARROW HWY***	***NNW 1/4 - 1/2 (0.412 mi.)***	***100***	***338***
CHUMO CONSTRUCTION I Reg Id: I-11673	***14427 JOANBRIDGE ST***	***ESE 1/4 - 1/2 (0.489 mi.)***	***P108***	***376***

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE Reg Id: I-00593A	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B19***	***41***
WEBSTER'S REFUSE DIS Reg Id: I-09164	13940 LIVE OAK	SW 0 - 1/8 (0.060 mi.)	C43	65

Los Angeles County Industrial Waste and Underground Storage Tank Sites.

A review of the CA LOS ANGELES CO. HMS list, as provided by EDR, and dated 07/08/2021 has revealed that there is 1 CA LOS ANGELES CO. HMS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE Facility ID: 000590-I00593 Facility ID: 000590-000593	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B20***	***49***

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOUCHDOWN TECHNOLOGI Generator EPA Id: CAL000290253	5188 COMMERCE DRIVE	WSW 1/8 - 1/4 (0.188 mi.)	H73	246

CA 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 CA Notify 65 list, as provided by EDR, and dated 03/12/2021 has revealed that there is 1 CA Notify 65 site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEM ARROW	***13643 LIVE OAK***	***WNW 1/4 - 1/2 (0.321 mi.)***	***94***	***322***

The Los Angeles County Site Mitigation Log comes from Community Health Services.

A review of the LA Co. Site Mitigation list, as provided by EDR, and dated 05/26/2021 has revealed that there is 1 LA Co. Site Mitigation site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE KOLL CO/UNITED P	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B18***	***40***
Case ID: RO0000567				
Site ID: SD0010386				

CA WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the CA WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there are 28 CA WIP sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELAINE'S CONTRACTING	14254 ARROW HWY	NE 1/8 - 1/4 (0.129 mi.)	E57	162
Facility Status: Historical				
STENO-AIDE, INC.	14180 LIVE OAK AVE	ESE 1/8 - 1/4 (0.162 mi.)	G60	176
Facility Status: Historical				
CERA, INC.	14180 LIVE OAK AVE	ESE 1/8 - 1/4 (0.162 mi.)	G61	176
SEIZMIC INC.	14180 LIVE OAK AVE	ESE 1/8 - 1/4 (0.162 mi.)	G63	177
INTEGRATED COMPUTER	14180 LIVE OAK AVE	ESE 1/8 - 1/4 (0.162 mi.)	G66	184
Facility Status: Historical				
J & B REFRIGERATION	14180 LIVE OAK AVE	ESE 1/8 - 1/4 (0.162 mi.)	G67	184
Facility Status: Historical				
VALLEY COUNTY WATER	***14233 JOANBRIDGE ST***	***ESE 1/8 - 1/4 (0.241 mi.)***	***J87***	***294***
Facility Status: Backlog				

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE	***14041 E LIVE OAK AVE***	***0 - 1/8 (0.000 mi.)***	***B20***	***49***
Facility Status: Historical				
FULLER & ASSOCIATES	14160 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B21	51
Facility Status: Historical				
SVI INTERNATIONAL, I	14120 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B23	52
Facility Status: Historical				
MULTI-DUTI MANUFACTU	14140 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B24	53
SHELCOMM	14160 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B25	53
Facility Status: Historical				
HYDRODYNE	14140 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B26	53
Facility Status: Historical				
TIME & SOUND CO., IN	14120 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B27	54
Facility Status: Historical				
SUNBURST DRAPERY CLE	***14160 LIVE OAK AVE***	***SE 0 - 1/8 (0.036 mi.)***	***B29***	***55***
Facility Status: Backlog				
MULTI-DUTI MFG. INC.	14140 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B30	56
Facility Status: Historical				
K. S. BROTHER BOX	14140 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B31	57

Facility Status: Historical				
TOPTEK TECHNOLOGY, I Facility Status: Historical	14140 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B32	57
SEIZMIC INC. Facility Status: Historical	14160 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B33	57
TIMES INTERNATIONAL Facility Status: Historical	14160 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B34	58
GUMSHOE ENTERPRISES, Facility Status: Historical	14120 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B35	58
SIERRA ELECTRONICS Facility Status: Historical	14160 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B36	58
HART ENTERPRISES Facility Status: Historical	14160 LIVE OAK AVE	SE 0 - 1/8 (0.036 mi.)	B37	59
WEBSTERS REFUSE DISP	***13940 LIVE OAK***	***SW 0 - 1/8 (0.060 mi.)***	***C46***	***66***
F. M. CLEANING SERV	14138 JOANBRIDGE ST	SE 1/8 - 1/4 (0.164 mi.)	F68	185
MMC/PHT Facility Status: Historical	5170 COMMERCE DR	WSW 1/8 - 1/4 (0.205 mi.)	H75	250
COVENTRY MFG CO INC Facility Status: Historical	***5152 COMMERCE DR***	***SW 1/8 - 1/4 (0.219 mi.)***	***I77***	***259***
UNITEX Facility Status: Historical	5175 COMMERCE DR	SW 1/8 - 1/4 (0.241 mi.)	I89	302

CA LOS ANGELES CO LF METHANE: This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

A review of the CA LOS ANGELES CO LF METHANE list, as provided by EDR, and dated 02/04/2021 has revealed that there are 4 CA LOS ANGELES CO LF METHANE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WASTE MANAGEMENT - S		WSW 0 - 1/8 (0.099 mi.)	C53	157
WASTE MANAGEMENT. SA		WSW 0 - 1/8 (0.099 mi.)	C54	157
NU-WAY LIVE OAK RECL		WNW 1/4 - 1/2 (0.481 mi.)	O106	375
NU-WAY LIVE OAK RECL		WNW 1/4 - 1/2 (0.481 mi.)	O107	375

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 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROUTE 66 KLUBS	14180 LIVE OAK AVE	ESE 1/8 - 1/4 (0.162 mi.)	G62	177

Lower Elevation	Address	Direction / Distance	Map ID	Page
KEILY RAY HEAVY EQUI	5140 COMMERCE DR	SW 1/8 - 1/4 (0.238 mi.)	I82	283
RIVERGRADE SERVICE S	5200 RIVERGRADE RD S	W 1/8 - 1/4 (0.246 mi.)	K93	322

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 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUNBURST DRPERY CLRS	14160 LIVE OAK AVE B	SE 0 - 1/8 (0.036 mi.)	B22	52

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LUST: 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.

A review of the CA RGA LUST list, as provided by EDR, has revealed that there are 4 CA RGA LUST sites within approximately 0.001 miles of the target property.

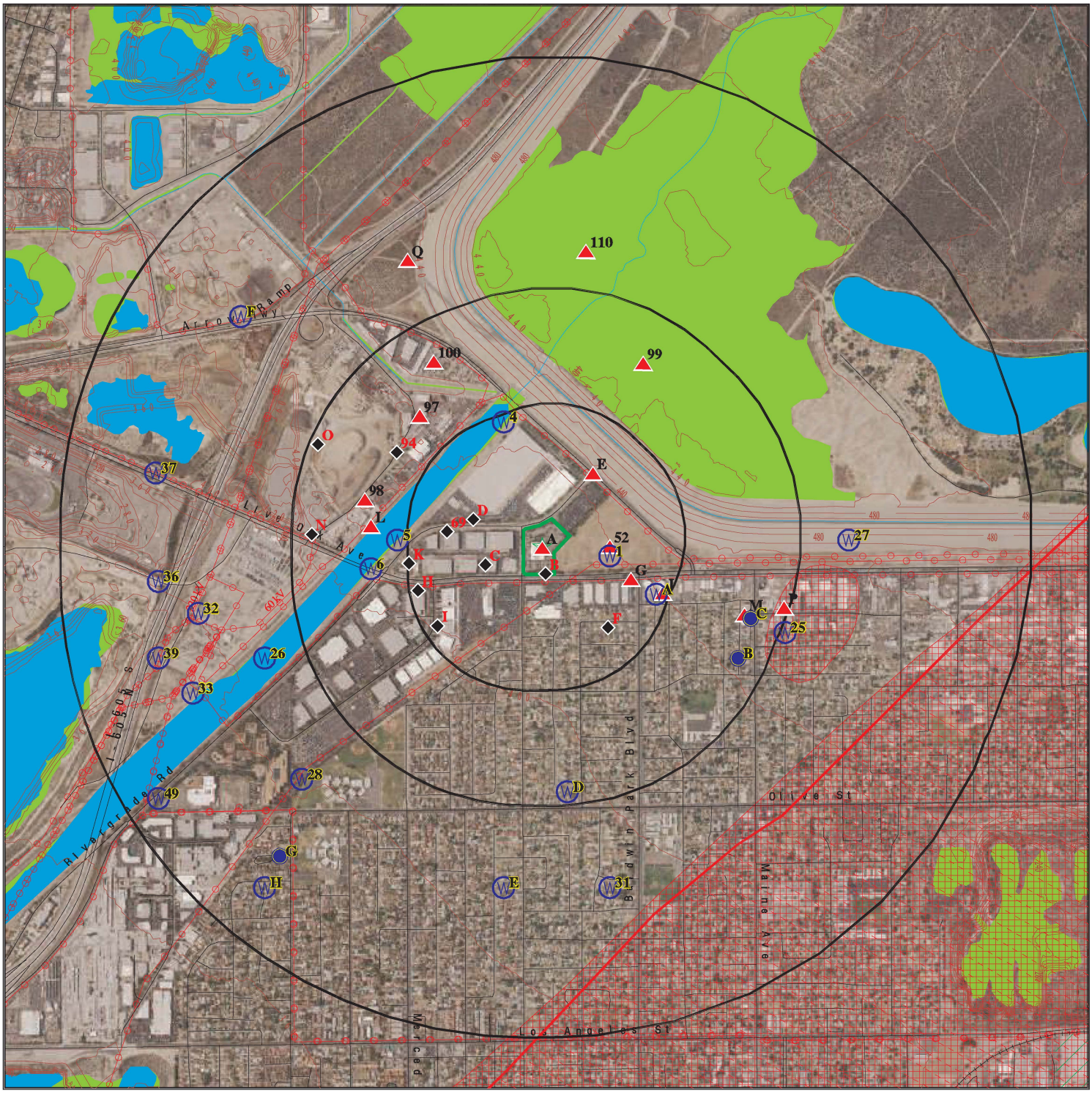
Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED CONCRETE PIPE	14041 LIVE OAK AVE E	0 - 1/8 (0.000 mi.)	B14	38
UNITED CONCRETE PIPE	14041 LIVE OAK AVE.,	0 - 1/8 (0.000 mi.)	B15	39
UNITED CONCRETE PIPE	14041 LIVE OAK AVE E	0 - 1/8 (0.000 mi.)	B16	39
UNITED CONCRETE PIPE	14041 LIVE OAK AVE E	0 - 1/8 (0.000 mi.)	B17	39

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
E LIVE OAK AVE RIVERGRADE RD	CA CIWQS
VALLEY TRANSFER STATION	CA SWF/LF
SAN GABRIEL GROUND WATER BASIN 2	CA BOND EXP. PLAN

OVERVIEW MAP - 6756447.2S



SITE NAME:	14005 Live Oak Ave	CLIENT:	Ramboll
ADDRESS:	14005 Live Oak Ave Baldwin Park CA 91706	CONTACT:	Tattiana Mason
LAT/LONG:	34.107652 / 117.968547	INQUIRY #:	6756447.2s
		DATE:	November 18, 2021 6:42 pm

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DETAIL MAP - 6756447.2S



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

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

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:	14005 Live Oak Ave	CLIENT:	Ramboll
ADDRESS:	14005 Live Oak Ave Baldwin Park CA 91706	CONTACT:	Tattiana Mason
LAT/LONG:	34.107652 / 117.968547	INQUIRY #:	6756447.2s
		DATE:	November 18, 2021 6:45 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	2	NR	NR	NR	3
RCRA-SQG	0.250	1	3	5	NR	NR	NR	9
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		1	0	1	2	NR	4
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		3	0	3	NR	NR	6
State and tribal leaking storage tank lists								
CA LUST	0.500		4	0	4	NR	NR	8

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
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500	1	3	1	1	NR	NR	6
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250	1	3	2	NR	NR	NR	6
CA AST	0.250		2	0	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA 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								
CA WMUDS/SWAT	0.500		0	0	1	NR	NR	1
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	0.001		0	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								
CA AOCONCERN	1.000		0	0	1	0	NR	1
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
CA CERS HAZ WASTE	0.250		3	4	NR	NR	NR	7
CA Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
CA AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
CA PFAS	0.500		0	2	2	NR	NR	4
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250	1	2	1	NR	NR	NR	4
CA HIST UST	0.250		3	1	NR	NR	NR	4
CA FID UST	0.250		1	0	NR	NR	NR	1
CA CERS TANKS	0.250		1	1	NR	NR	NR	2
Local Land Records								
CA LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001		0	NR	NR	NR	NR	0
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	7	NR	NR	NR	9
FUDS	1.000		0	0	1	1	NR	2
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	TP		NR	NR	NR	NR	NR	0
FINDS	0.001	1	2	NR	NR	NR	NR	3
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		3	0	3	NR	NR	6
CA CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA DRYCLEANERS	0.250		2	0	NR	NR	NR	2
CA EMI	0.001		1	NR	NR	NR	NR	1
CA ENF	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001	1	3	NR	NR	NR	NR	4
CA ICE	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		2	0	3	NR	NR	5
CA LOS ANGELES CO. HMS	0.001	4	1	NR	NR	NR	NR	5
CA HWP	1.000		0	0	0	0	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
PA MANIFEST	0.250		0	1	NR	NR	NR	1
CA MINES	TP		NR	NR	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	1	0	NR	1
LA Co. Site Mitigation	0.001		1	NR	NR	NR	NR	1
CA UIC	0.001		0	NR	NR	NR	NR	0
CA UIC GEO	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA WIP	0.250	1	17	11	NR	NR	NR	29
CA MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
CA PROJECT	TP		NR	NR	NR	NR	NR	0
CA WDR	TP		NR	NR	NR	NR	NR	0
CA CIWQS	TP		NR	NR	NR	NR	NR	0
CA CERS	TP	1	NR	NR	NR	NR	NR	1
CA NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
CA OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
CA PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
CA SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
CA WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
CA HWTS	TP	2	NR	NR	NR	NR	NR	2
CA LOS ANGELES CO LF METHANE	0.500		2	0	2	NR	NR	4
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.250		0	3	NR	NR	NR	3
EDR Hist Cleaner	0.250		1	0	NR	NR	NR	1

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF	0.001		0	NR	NR	NR	NR	0
CA RGA LUST	0.001		4	NR	NR	NR	NR	4

- Totals --	15	71	41	24	5	0	156

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property — **RALPHS GROCERY CO**, **14005 LIVE OAK AVE**, **IRWINDALE, CA 91706** — **CA HAZNET** **S113059183**; **CA HWTS** **N/A**

Site 1 of 8 in cluster A

Actual: 414 ft.

HAZNET:

Name:	RALPHS GROCERY CO
Address:	14005 LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 917060000
Contact:	CARROL CHEN
Telephone:	3108844288
Mailing Name:	Not reported
Mailing Address:	2201 S WILMINGTON AVE
Year:	1996
Gepaid:	CAL000098166
TSD EPA ID:	CAD981696420
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.231

Additional Info:

Year:	1996
Gen EPA ID:	CAL000098166
Shipment Date:	19960624
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960624
Manifest ID:	95854500
Trans EPA ID:	CAL000027724
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	RALPHS GROCERY CO
Address:	14005 LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 917060000

RALPHS GROCERY CO (Continued) **S113059183**

EPA ID:	CAL000098166
Inactive Date:	06/30/1998
Create Date:	07/15/1993
Last Act Date:	07/06/2010
Mailing Name:	Not reported
Mailing Address:	2201 S WILMINGTON AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	COMPTON, CA 902201300
Owner Name:	HUGHES MARKETS INC
Owner Address:	2201 S WILMINGTON AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	COMPTON, CA 902201300
Contact Name:	CARROL CHEN
Contact Address:	INACTIVE PER VQ98 - BMI
Contact Address 2:	Not reported
City,State,Zip:	COMPTON, CA 902201300

NAICS:

EPA ID:	CAL000098166
Create Date:	2002-03-14 16:36:27.000
NAICS Code:	42241
NAICS Description:	General Line Grocery Wholesalers
Issued EPA ID Date:	1993-07-15 00:00:00
Inactive Date:	1998-06-30 00:00:00
Facility Name:	RALPHS GROCERY CO
Facility Address:	14005 LIVE OAK AVE
Facility Address 2:	Not reported
Facility City:	IRWINDALE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917060000

A2 **THE REALTY ASSOCIATES FUND** **CA LOS ANGELES CO. HMS** **S104827572**
Target **14005 LIVE OAK AVE** **N/A**
Property **IRWINDALE, CA 91706**

Site 2 of 8 in cluster A

Actual:
414 ft.

LOS ANGELES CO. HMS:

Name:	THE REALTY ASSOCIATES FUND
Address:	14005 LIVE OAK AVE
City,State,Zip:	IRWINDALE, CA 917061323
Region:	LA
Permit Category:	I
Facility Id:	015425-035756
Facility Type:	01
Facility Status:	Removed
Area:	3S
Permit Number:	000301297
Permit Status:	Removed

A3 Target Property — **RALPHS GROCERY CO**, **14005 LIVE OAK AVE**, **IRWINDALE, CA 91706** — **CA SWEEPS UST** **S103983560**; **CA LOS ANGELES CO. HMS** **N/A**

Site 3 of 8 in cluster A

Actual: 414 ft.

SWEEPS UST:

Name:	HUGHES MARKETS INC
Address:	14005 LIVE OAK AVE
City:	IRWINDALE
Status:	Active
Comp Number:	16787
Number:	1
Board Of Equalization:	44-017952
Referral Date:	03-23-92
Action Date:	08-11-92
Created Date:	08-11-92
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-016787-000001
Tank Status:	A
Capacity:	12000
Active Date:	03-23-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	HUGHES MARKETS INC
Address:	14005 LIVE OAK AVE
City:	IRWINDALE
Status:	Active
Comp Number:	16787
Number:	1
Board Of Equalization:	44-017952
Referral Date:	03-23-92
Action Date:	08-11-92
Created Date:	08-11-92
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-016787-000002
Tank Status:	A
Capacity:	12000
Active Date:	03-23-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	HUGHES MARKETS INC
Address:	14005 LIVE OAK AVE
City:	IRWINDALE
Status:	Active
Comp Number:	16787
Number:	1
Board Of Equalization:	44-017952
Referral Date:	03-23-92
Action Date:	08-11-92
Created Date:	08-11-92
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-016787-000003

RALPHS GROCERY CO (Continued) **S103983560**

Tank Status: A
Capacity: 12000
Active Date: 03-23-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Name: RALPHS GROCERY CO
Address: 14005 LIVE OAK AVE
City,State,Zip: IRWINDALE, CA 917061323
Region: LA
Permit Category: I
Facility Id: 015425-025828
Facility Type: 02
Facility Status: Closed
Area: 3S
Permit Number: 000220117
Permit Status: Closed

A4 Target Property **HUGHES - SEE 015636-038592** **CA LOS ANGELES CO. HMS** **S104827573**
14005 LIVE OAK AVE **N/A**
IRWINDALE, CA 91706

Site 4 of 8 in cluster A

Actual: 414 ft.

LOS ANGELES CO. HMS:
Name: HUGHES - SEE 015636-038592
Address: 14005 LIVE OAK AVE
City,State,Zip: IRWINDALE, CA 917061323
Region: LA
Permit Category: T
Facility Id: 015425-016787
Facility Type: 0
Facility Status: Removed
Area: 3S
Permit Number: 00006298T
Permit Status: Removed

A5 Target Property **HUGHES MARKET INC** **CA UST** **U004049227**
14005 LIVE OAK AVE **N/A**
BALDWIN PARK, CA 91706

Site 5 of 8 in cluster A

Actual: 414 ft.

UST:
Name: HUGHES MARKET INC
Address: 14005 LIVE OAK AVE
City,State,Zip: BALDWIN PARK, CA 91706
Facility ID: 16787
Permitting Agency: LOS ANGELES COUNTY
Latitude: 34.109001
Longitude: -117.967198

A6 **HUGHES FAMILY MARKETS INC** **RCRA-SQG** **1001111654**
Target **14005 LIVE OAK** **FINDS** **CAR000011916**
Property **IRWINDALE, CA 91706** **ECHO**

Site 6 of 8 in cluster A

Actual:
414 ft.

RCRA-SQG:

Date Form Received by Agency:	19960429
Handler Name:	HUGHES FAMILY MARKETS INC
Handler Address:	14005 LIVE OAK
Handler City,State,Zip:	IRWINDALE, CA 91706
EPA ID:	CAR000011916
Contact Name:	ROSEANN MCLAREN
Contact Address:	14005 LIVE OAK
Contact City,State,Zip:	IRWINDALE, CA 91706
Contact Telephone:	818-856-6580
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 7870
Mailing City,State,Zip:	IRWINDALE, CA 91706-7870
Owner Name:	HUGHES FAMILY MARKETS INC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

HUGHES FAMILY MARKETS INC (Continued) **1001111654**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HUGHES FAMILY MARKETS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7870
Owner/Operator City,State,Zip:	IRWINDALE, CA 91706-7870
Owner/Operator Telephone:	818-856-6580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960429
Handler Name:	HUGHES FAMILY MARKETS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

HUGHES FAMILY MARKETS INC (Continued) **1001111654**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002911813

Click Here:

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.
STATE MASTER

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

ECHO:
Envid: 1001111654
Registry ID: 110002911813
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002911813
Name: HUGHES FAMILY MARKETS INC
Address: 14005 LIVE OAK
City,State,Zip: IRWINDALE, CA 91706

A7 Target Property **HUGHES MARKETS** **14005 E LIVE OAK AVE** **IRWINDALE, CA 91706** **CA CPS-SLIC** **CA LOS ANGELES CO. HMS** **CA WIP** **CA CERS** **S104537597** **N/A**

Site 7 of 8 in cluster A

Actual: 414 ft.

CPS-SLIC:
Name: HUGHES MARKETS
Address: 14005 E. LIVE OAK AVE.
City,State,Zip: IRWINDALE, CA 91706
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/11/2015
Global Id: SL603798920
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.1134405094578
Longitude: -117.964745022699
Case Type: Cleanup Program Site

HUGHES MARKETS (Continued) **S104537597**

Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	108.1711
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

LOS ANGELES CO. HMS:

Name:	HUGHES MARKETS INC
Address:	14005 LIVE OAK AVE
City,State,Zip:	IRWINDALE, CA 917061323
Region:	LA
Permit Category:	I
Facility Id:	015425-I16728
Facility Type:	01
Facility Status:	Closed
Area:	3S
Permit Number:	000013048
Permit Status:	Closed

WIP:

Name:	HUGHES MARKETS
Address:	14005 E Live Oak Ave
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
File Number:	108.1711
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	HUGHES MARKETS
Address:	14005 E. LIVE OAK AVE.
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	233657
CERS ID:	SL603798920
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A8
Target
Property

HUGHES FAMILY MARKETS INC
14005 LIVE OAK
IRWINDALE, CA 91706

CA HWTS **S124944255**
N/A

Site 8 of 8 in cluster A

Actual:
414 ft.

HWTS:

Name:	HUGHES FAMILY MARKETS INC
Address:	14005 LIVE OAK
Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 917060000
EPA ID:	CAR000011916
Inactive Date:	06/30/1997
Create Date:	06/20/1996
Last Act Date:	07/06/2010
Mailing Name:	Not reported
Mailing Address:	14005 LIVE OAK AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	IRWINDALE, CA 917060000
Owner Name:	HUGHES FAMILY MARKETS INC
Owner Address:	14005 LIVE OAK AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	IRWINDALE, CA 917067870
Contact Name:	NORB PARSONEAULT
Contact Address:	14005 LIVE OAK AVE___CANX V97 AH
Contact Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 917060000

Areas of Concern
ESE
1/4-1/2
2475 ft.

SAN GABRIEL VALLEY

BALDWIN PARK, CA

CA AOCONCERN **CCA0000001**
N/A

AOC:

Description:	San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

NPL
Region
SE
1/2-1
3727 ft.

SAN GABRIEL VALLEY AREA 2
SUNSET & SAN BERNARDINO FRWY
BALDWIN PARK, CA 91706

NPL **1000114961**
SEMS **CAD980818512**
US ENG CONTROLS
RCRA NonGen / NLR
ROD
PRP

NPL:

EPA Region:	9
EPA ID:	CAD980818512
Site ID:	902092
Name:	SAN GABRIEL VALLEY (AREA 2)
Address:	SUNSET & SAN BERNARDINO FREEWAY
City,State,Zip:	BALDWIN PARK, CA 91706
Federal:	N
Final Date:	1984-05-08 00:00:00
Latitude:	34.073611
Longitude:	-117.9361
Site Score:	42.240000000000002

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

NPL:

NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
CAS Number:	Not reported
Substance:	Not reported
Pathway:	Not reported
Scoring:	Not reported

NPL Status:	Currently on the Final NPL
Substance ID:	U210
CAS Number:	127-18-4
Substance:	TETRACHLOROETHENE
Pathway:	GROUND WATER PATHWAY
Scoring:	2

NPL Status:	Currently on the Final NPL
Substance ID:	U211
CAS Number:	56-23-5
Substance:	CARBON TETRACHLORIDE
Pathway:	GROUND WATER PATHWAY
Scoring:	4

NPL Status:	Currently on the Final NPL
Substance ID:	U228
CAS Number:	79-01-6
Substance:	TRICHLOROETHYLENE (TCE)
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Summary Details:

Conditions at listing September 1983): San Gabriel Valley Area 2) is a ground water plume that parallels the San Gabriel River to the west in the San Gabriel ground water basin in the Baldwin Park area of Los Angeles County, California. The plume is about 7.5 miles long and 1.5 miles wide. Ground water is contaminated with trichloroethylene TCE), perchloroethylene PCE), and carbon tetrachloride, according to analyses by State agencies and local water companies. Many public wells in the area exceed the EPA Suggested No Adverse Response Levels SNARL) for TCE and PCE. Approximately 100,000 people are affected. Cities and public water companies in the area have tested to ensure that their water supplies containless than 5 parts per billion ppb) of TCE, a level considered safe for human consumption. When alternative methods of reducing the TCE level below 5 ppb are not effective, wells are removed from service. Status June 1984): A supplemental sampling program of contaminated wells will begin soon to get a snapshot view of the degree of contamination. The State Department of Health Services and EPA are preparing to initiate a remedial investigation/ feasibility study to determine the aerial and vertical extent of contamination and to develop alternatives for treatment and management of the problem. EPA continues its investigation to identify sources of the contamination. This site, along with the threeother San Gabriel Valley sites, was added to the NPL in May 1984 because it involves a serious problem that required taking immediate remedial action.

NPL:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-<= 10 Feet

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Category Value: 1

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

NPL:
NPL Name: SAN GABRIEL VALLEY (AREA 2)

NPL:
EPA Region: 09
Site ID: 0902092
Site Status: F
Federal Site: N
Date Deleted: Not reported
Date Finalized: 05/08/84
Date Proposed: 09/08/83

NPL:
Proposed Date: 09/08/1983
Final Date: 05/08/1984
Deleted Date: Not reported
NPL Status: Final

SEMS:
Site ID: 0902092
EPA ID: CAD980818512
Name: SAN GABRIEL VALLEY (AREA 2)
Address: SUNSET & SAN BERNARDINO FREEWAY
Address 2: Not reported
City,State,Zip: BALDWIN PARK, CA 91706
Cong District: 28,31,32,34
FIPS Code: 06037
Latitude: 34.073611
Longitude: -117.936100
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1983-09-01 04:00:00
Finish Date: 9/1/1983 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1994-03-31 05:00:00
Finish Date:	3/31/1994 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1983-03-01 05:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1984-05-08 05:00:00
Finish Date:	5/8/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1983-09-08 04:00:00
Finish Date:	9/8/1983 4:00:00 AM

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: JF
Action Name: ECO RISK
SEQ: 1
Start Date: 1992-09-16 04:00:00
Finish Date: 9/16/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2012-09-24 05:00:00
Finish Date: 9/24/2012 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1983-09-01 04:00:00
Finish Date: 9/1/1983 4:00:00 AM
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

SEQ: 1
Start Date: 1991-12-27 05:00:00
Finish Date: 12/27/1991 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: ED
Action Name: R/H ASMT
SEQ: 1
Start Date: 1992-09-16 04:00:00
Finish Date: 9/16/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 3
Start Date: 2016-10-31 04:00:00
Finish Date: 8/17/2017 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1
Start Date: 2007-05-01 04:00:00
Finish Date: 9/27/2007 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1984-05-01 05:00:00
Finish Date: 5/1/1984 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 1987-08-01 04:00:00
Finish Date: 3/31/1994 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: TA
Action Name: TECH ASSIST
SEQ: 2
Start Date: 2020-11-17 06:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: TA
Action Name: TECH ASSIST
SEQ: 1
Start Date: 2001-04-03 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	2006-06-23 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	2000-07-18 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	3
Start Date:	1984-05-01 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	04
Action Code:	BE
Action Name:	PRP RD
SEQ:	4
Start Date:	2000-07-21 04:00:00
Finish Date:	8/8/2003 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 04
Action Code: BF
Action Name: PRP RA
SEQ: 4
Start Date: 2003-08-08 04:00:00
Finish Date: 3/31/2005 5:00:00 AM
Qual: IR
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 02
Action Code: BF
Action Name: PRP RA
SEQ: 2
Start Date: 2002-09-26 04:00:00
Finish Date: 9/30/2003 4:00:00 AM
Qual: IR
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: BE
Action Name: PRP RD
SEQ: 3
Start Date: 2000-07-21 04:00:00
Finish Date: 3/31/2003 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: BF
Action Name: PRP RA
SEQ: 3
Start Date: 2003-03-31 05:00:00
Finish Date: 9/30/2004 4:00:00 AM

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Qual: IR
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 05
Action Code: BE
Action Name: PRP RD
SEQ: 5
Start Date: 2000-07-21 04:00:00
Finish Date: 9/29/2004 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 05
Action Code: BF
Action Name: PRP RA
SEQ: 5
Start Date: 2004-09-29 04:00:00
Finish Date: 9/28/2006 4:00:00 AM
Qual: IR
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 02
Action Code: BE
Action Name: PRP RD
SEQ: 2
Start Date: 2000-07-21 04:00:00
Finish Date: 9/26/2002 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: ME
Action Name: PRP LR

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

SEQ: 1
Start Date: 2003-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 2003-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 02
Action Code: OM
Action Name: OM
SEQ: 2
Start Date: 2003-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: OM
Action Name: OM
SEQ: 3
Start Date: 2004-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

OU: 04
Action Code: OM
Action Name: OM
SEQ: 4
Start Date: 2005-03-31 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 05
Action Code: OM
Action Name: OM
SEQ: 5
Start Date: 2006-09-28 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-04-01 05:00:00
Finish Date: 4/1/1980 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

SIte:
Name: SAN GABRIEL VALLEY (AREA 2)
Address: SUNSET & SAN BERNARDINO FREEWAY
Address 2: Not reported
City,State,Zip: BALDWIN PARK, CA 91706
Event Code: Not reported
Action Taken Date: 03/31/1994
EPA ID: CAD980818512
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Contaminated Media: Groundwater
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1994

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.073611
Longitude: -117.936100

Media:
EPA ID: CAD980818512
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 03/31/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.073611
Longitude: -117.936100

EPA ID: CAD980818512
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 03/31/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.073611
Longitude: -117.936100

EPA ID: CAD980818512
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 03/31/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.073611
Longitude: -117.936100

EPA ID: CAD980818512

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	03/31/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.073611
Longitude:	-117.936100

EPA ID:	CAD980818512
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	03/31/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.073611
Longitude:	-117.936100

RCRA NonGen / NLR:

Date Form Received by Agency:	20150521
Handler Name:	SAN GABRIEL VALLEY AREA 2
Handler Address:	SUNSET & SAN BERNARDINO FRWY
Handler City,State,Zip:	BALDWIN PARK, CA 91706
EPA ID:	CAD980818512
Contact Name:	VICTOR A MONTIEL
Contact Address:	SUNSET & SAN BERNARDINO FRWY
Contact City,State,Zip:	BALDWIN PARK, CA 91706
Contact Telephone:	626-416-7199
Contact Fax:	626-582-1571
Contact Email:	VAMONTIEL@SGVWATER.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P.O. BOX 6010

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Mailing City,State,Zip:	EL MONTE, CA 91734-2010
Owner Name:	SAN GABRIEL VALLEY AREA A
Owner Type:	Other
Operator Name:	VICTOR A MONTIEL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: VICTOR A MONTIEL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: SUNSET & SAN BERNARDINO FRWY
Owner/Operator City,State,Zip: BALDWIN PARK, CA 91706
Owner/Operator Telephone: 626-416-7199
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAN GABRIEL VALLEY AREA A
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11142 GARVEY AVE
Owner/Operator City,State,Zip: EL MONTE, CA 91733
Owner/Operator Telephone: 626-448-6183
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20150521
Handler Name: SAN GABRIEL VALLEY AREA 2
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 9241
NAICS Description: ADMINISTRATION OF ENVIRONMENTAL QUALITY PROGRAMS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

ROD:

Name:	SAN GABRIEL VALLEY (AREA 2)
Address:	SUNSET & SAN BERNARDINO FREEWAY
City,State,Zip:	BALDWIN PARK, CA 91706
EPA ID:	CAD980818512
RG:	9
Site ID:	902092
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	BALDWIN PARK
SEQ ID:	1
Action Completion:	1994-03-31 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

PRP:

PRP Name:
A & J SYSTEMS
A&E PLASTICS CO.
A-1 ORNAMENTAL IRON
ACORN ENGINEERING CO.
ACROMIL
ADAMS AND COLTRIN, INC.
ADAMS CAMPBELL CO., LTD.
ADVANCED HEAT TECHNOLOGY CORP.
AEROJET ELECTROSYSTEMS
AEROJET ELECTROSYSTEMS
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROSOL SERVICES COMPANY
AIR DISTRIBUTION PRODUCTS, INC.
ALLEGIANCE HEALTHCARE CORPORATION
ALLEGIANCE HEALTHCARE CORPORATION
ALLFAST FASTENING SYSTEMS, INC.
ALLIED PHOTO PRODUCTS INC.
ALLSTATE INSURANCE CO.

Click this hyperlink while viewing on your computer to access
236 additional PRP: record(s) in the EDR Site Report.

B9 **KOLL BUSINESS** **CA CPS-SLIC** **S102002418**
14041 LIVE OAK **N/A**
< 1/8 **IRWINDALE, CA 91706**
1 ft.

Site 1 of 29 in cluster B

Relative: SLIC REG 4:
Lower

Actual: Region:	4
412 ft. Facility Status:	No further action required
SLIC:	0516
Substance:	TPH
Staff:	Manjulika Chakarbarti

B10 **CITY OF IRWINDALE** **CA HAZNET** **S113459404**
14041 LIVE OAK AVE **CA HWTS** **N/A**
< 1/8 **IRWINDALE, CA 91706**
1 ft.

Site 2 of 29 in cluster B

Relative: Lower

Actual: 412 ft.

HAZNET:

Name:	CITY OF IRWINDALE
Address:	14041 LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 917061300
Contact:	WILLIAM RAGSDALE
Telephone:	7144449660
Mailing Name:	Not reported
Mailing Address:	5050 IRWINDALE AVE
Year:	2010
Gepaid:	CAC002652077
TSD EPA ID:	CAD008252405
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.417

Additional Info:

Year:	2010
Gen EPA ID:	CAC002652077
Shipment Date:	20100331
Creation Date:	12/3/2010 18:31:11
Receipt Date:	20100402
Manifest ID:	002522810JJK
Trans EPA ID:	CAD053866794
Trans Name:	PATRIOT ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CITY OF IRWINDALE
Address:	14041 LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 917061300
EPA ID:	CAC002652077

CITY OF IRWINDALE (Continued) **S113459404**

Inactive Date:	09/26/2010
Create Date:	03/29/2010
Last Act Date:	03/29/2010
Mailing Name:	JOSE AMADOR
Mailing Address:	5050 IRWINDALE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	IRWINDALE, CA 917062133
Owner Name:	CITY OF IRWINDALE
Owner Address:	5050 IRWINDALE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	IRWINDALE, CA 917062133
Contact Name:	WILLIAM RAGSDALE
Contact Address:	185 PAULARINO AVE
Contact Address 2:	Not reported
City,State,Zip:	COSTA MESA, CA 926263324

B11 **KOLL BUSINESS** **FINDS** **1023364596**
14041 E. LIVE OAK AVE **N/A**
< 1/8 **IRWINDALE, CA 91706**
1 ft.

Site 3 of 29 in cluster B

Relative: FINDS:
Lower Registry ID: 110066620516

Actual:
412 ft. Click Here:

Environmental Interest/Information System:
STATE MASTER

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

B12 **1X UNITED CONCRETE PIPE CORP.** **CA HAZNET** **S123577111**
14041 EAST LIVE OAK AVE. **CA HWTS** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
1 ft.

Site 4 of 29 in cluster B

Relative: HAZNET:
Lower

Name:	1X UNITED CONCRETE PIPE CORP.
Address:	14041 EAST LIVE OAK AVE.
Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 917060000
Contact:	FRITZ GOBLER, PRIN MECH ENG
Telephone:	8183371211
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 429
Year:	1993
Gepaid:	CAC000173517
TSD EPA ID:	AZC000000150
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	-
Tons:	0
Year:	1990
Gepaid:	CAC000173517

1X UNITED CONCRETE PIPE CORP. (Continued) **S123577111**

TSD EPA ID: AZC000000150
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: 03 -
Tons: 5.125

Year: 1989
Gepaid: CAC000173517
TSD EPA ID: AZC000000150
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: 03 -
Tons: 1.725

Additional Info:
Year: 1993
Gen EPA ID: CAC000173517

Shipment Date: 19930624
Creation Date: 9/8/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 89514819
Trans EPA ID: CAL000020959
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZC000000150
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: 1X UNITED CONCRETE PIPE CORP.
Address: 14041 EAST LIVE OAK AVE.
Address 2: Not reported
City,State,Zip: BALDWIN PARK, CA 917060000
EPA ID: CAC000173517
Inactive Date: 10/25/2000
Create Date: 05/08/1989
Last Act Date: 10/25/2000
Mailing Name: Not reported
Mailing Address: P.O. BOX 429
Mailing Address 2: Not reported
Mailing City,State,Zip: BALDWIN PARK, CA 917060000
Owner Name: UNITED CONCRETE PIPE CORP.
Owner Address: –

1X UNITED CONCRETE PIPE CORP. (Continued) **S123577111**

Owner Address 2:	Not reported
Owner City,State,Zip:	–, 99 --
Contact Name:	FRITZ GOBLER, PRIN MECH ENG
Contact Address:	–
Contact Address 2:	Not reported
City,State,Zip:	–, 99 --

B13 **UNITED CONCRETE PIPE CORP** **CA HAZNET S123762464**
14041 E LIVE OAK AVE **CA HWTS N/A**
< 1/8 **BALDWIN PARK, CA 91706**
1 ft.

Site 5 of 29 in cluster B

Relative: Lower
Actual: 412 ft.

HAZNET:

Name:	UNITED CONCRETE PIPE CORP
Address:	14041 E LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 917060000
Contact:	INACTIVE PER UNDELIVE SURVEY
Telephone:	–
Mailing Name:	Not reported
Mailing Address:	PO BOX 429
Year:	1989
Gepaid:	CAD982523425
TSD EPA ID:	CAD020748125
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	D80 - Disposal, Land Fill
Tons:	120
Year:	1989
Gepaid:	CAD982523425
TSD EPA ID:	CAD020748125
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	03 -
Tons:	0

HWTS:

Name:	UNITED CONCRETE PIPE CORP
Address:	14041 E LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 917060000
EPA ID:	CAD982523425
Inactive Date:	01/01/1995
Create Date:	06/29/1990
Last Act Date:	09/14/2004
Mailing Name:	Not reported
Mailing Address:	PO BOX 429
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BALDWIN PARK, CA 917060000
Owner Name:	–
Owner Address:	–
Owner Address 2:	Not reported
Owner City,State,Zip:	–, 99 --
Contact Name:	INACTIVE PER UNDELIVE SURVEY
Contact Address:	12-5-94

UNITED CONCRETE PIPE CORP (Continued) **S123762464**

Contact Address 2: Not reported
City,State,Zip: –, 99 --

B14 **UNITED CONCRETE PIPE (FORMER)** **CA RGA LUST** **S114709577**
14041 LIVE OAK AVE E **N/A**
< 1/8 **IRWINDALE, CA**
1 ft.

Site 6 of 29 in cluster B

Relative: Lower
Actual: 412 ft.

RGA LUST:

Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		
State:	IRWINDALE		
	2012	UNITED CONCRETE PIPE (FORMER)	14041 LIVE OAK AVE E
Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		
State:	IRWINDALE		
	2011	UNITED CONCRETE PIPE (FORMER)	14041 LIVE OAK AVE E
Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		
State:	IRWINDALE		
	2010	UNITED CONCRETE PIPE (FORMER)	14041 LIVE OAK AVE E
Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		
State:	IRWINDALE		
	2009	UNITED CONCRETE PIPE (FORMER)	14041 LIVE OAK AVE E
Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		
State:	IRWINDALE		
	2008	UNITED CONCRETE PIPE (FORMER)	14041 LIVE OAK AVE E
Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		
State:	IRWINDALE		
	2007	UNITED CONCRETE PIPE (FORMER)	14041 LIVE OAK AVE E
Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		
State:	IRWINDALE		
	2006	UNITED CONCRETE PIPE (FORMER)	14041 LIVE OAK AVE E
Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		
State:	IRWINDALE		
	2005	UNITED CONCRETE PIPE (FORMER)	14041 LIVE OAK AVE E
Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		
State:	IRWINDALE		
	2003	UNITED CONCRETE PIPE (FORMER)	14041 LIVE OAK AVE E
Name:	UNITED CONCRETE PIPE (FORMER)		
Address:	14041 LIVE OAK AVE E		
City:	IRWINDALE		

UNITED CONCRETE PIPE (FORMER) (Continued) **S114709577**

State: IRWINDALE
2002 UNITED CONCRETE PIPE (FORMER) 14041 LIVE OAK AVE E
Name: UNITED CONCRETE PIPE (FORMER)
Address: 14041 LIVE OAK AVE E
City: IRWINDALE
State: IRWINDALE
2001 UNITED CONCRETE PIPE (FORMER) 14041 LIVE OAK AVE E
Name: UNITED CONCRETE PIPE (FORMER)
Address: 14041 LIVE OAK AVE E
City: IRWINDALE
State: IRWINDALE
2000 UNITED CONCRETE PIPE (FORMER) 14041 LIVE OAK AVE E

B15 **UNITED CONCRETE PIPE** **CA RGA LUST** **S114709580**
14041 LIVE OAK AVE., E. **N/A**
< 1/8 **BALDWIN PARK, CA**
1 ft.

Site 7 of 29 in cluster B

Relative: RGA LUST:
Lower
Name: UNITED CONCRETE PIPE
Actual: Address: 14041 LIVE OAK AVE., E.
412 ft. City: BALDWIN PARK
State: BALDWIN PARK
1993 UNITED CONCRETE PIPE 14041 LIVE OAK AVE., E.

B16 **UNITED CONCRETE PIPE** **CA RGA LUST** **S114709579**
14041 LIVE OAK AVE E **N/A**
< 1/8 **IRWINDALE, CA**
1 ft.

Site 8 of 29 in cluster B

Relative: RGA LUST:
Lower
Name: UNITED CONCRETE PIPE
Actual: Address: 14041 LIVE OAK AVE E
412 ft. City: IRWINDALE
State: IRWINDALE
1997 UNITED CONCRETE PIPE 14041 LIVE OAK AVE E

B17 **UNITED CONCRETE PIPE** **CA RGA LUST** **S114709578**
14041 LIVE OAK AVE E **N/A**
< 1/8 **BALDWIN PARK, CA**
1 ft.

Site 9 of 29 in cluster B

Relative: RGA LUST:
Lower
Name: UNITED CONCRETE PIPE
Actual: Address: 14041 LIVE OAK AVE E
412 ft. City: BALDWIN PARK
State: BALDWIN PARK
1998 UNITED CONCRETE PIPE 14041 LIVE OAK AVE E
Name: UNITED CONCRETE PIPE
Address: 14041 LIVE OAK AVE E
City: BALDWIN PARK
State: BALDWIN PARK

UNITED CONCRETE PIPE (Continued) **S114709578**

1996 UNITED CONCRETE PIPE 14041 LIVE OAK AVE E
Name: UNITED CONCRETE PIPE
Address: 14041 LIVE OAK AVE E
City: BALDWIN PARK
State: BALDWIN PARK
1995 UNITED CONCRETE PIPE 14041 LIVE OAK AVE E
Name: UNITED CONCRETE PIPE
Address: 14041 LIVE OAK AVE E
City: BALDWIN PARK
State: BALDWIN PARK
1994 UNITED CONCRETE PIPE 14041 LIVE OAK AVE E

B18 **THE KOLL CO/UNITED PIPE CONCRE** **CA CPS-SLIC S106841717**
14041 E LIVE OAK AVE **CA EMI N/A**
< 1/8 **IRWINDALE, CA 91706** **LA Co. Site Mitigation**
1 ft. **CA CERS**

Site 10 of 29 in cluster B

Relative: Lower
Actual: 412 ft.

CPS-SLIC:

Name:	KOLL BUSINESS
Address:	14041 E. LIVE OAK AVE
City,State,Zip:	IRWINDALE, CA 91706
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	01/01/1965
Global Id:	SLT43331329
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1134405094578
Longitude:	-117.964745022699
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0516
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

EMI:

Name:	UNITED CONCRETE PIPE CORPORATI
Address:	14041 E LIVE OAK AV
City,State,Zip:	BALDWIN PARK, CA 91706
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	10823
Air District Name:	SC
SIC Code:	3312
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	25

THE KOLL CO/UNITED PIPE CONCRE (Continued) **S106841717**

NOX - Oxides of Nitrogen Tons/Yr: 14
SOX - Oxides of Sulphur Tons/Yr: 1
Particulate Matter Tons/Yr: 5
Part. Matter 10 Micrometers and Smllr Tons/Yr: 5

LA Co. Site Mitigation:
Name: THE KOLL CO/UNITED PIPE CONCRE
Address: 14041 E LIVE OAK AVE
City,State,Zip: IRWINDALE, CA 91706
Facility ID: Not reported
Status: Not reported
Site ID: SD0010386
Jurisdiction: Not reported
Case ID: RO0000567
Abated: Yes
Assigned To: LR
Entered Date: Not reported
Abated Date: 05/01/1991

CERS:
Name: KOLL BUSINESS
Address: 14041 E. LIVE OAK AVE
City,State,Zip: IRWINDALE, CA 91706
Site ID: 213280
CERS ID: SLT43331329
CERS Description: Cleanup Program Site

B19 **UNITED CONCRETE PIPE CORP** **RCRA-SQG** **1000399388**
14041 E LIVE OAK AVE **CA ENVIROSTOR** **CAD982523425**
< 1/8 **BALDWIN PARK, CA 91706** **CA LUST**
1 ft. **FINDS**
Site 11 of 29 in cluster B **ECHO**
CA Cortese
Relative: Lower **CA HIST CORTESE**
CA CERS
Actual: 412 ft.

RCRA-SQG:
Date Form Received by Agency: 19960901
Handler Name: UNITED CONCRETE PIPE CORP
Handler Address: 14041 E LIVE OAK AVE
Handler City,State,Zip: BALDWIN PARK, CA 91706
EPA ID: CAD982523425
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA

UNITED CONCRETE PIPE CORP (Continued) **1000399388**

State District:	3
Mailing Address:	PO BOX 429
Mailing City,State,Zip:	BALDWIN PARK, CA 91706
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

UNITED CONCRETE PIPE CORP (Continued) **1000399388**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED CONCRETE PIPE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: UNITED CONCRETE PIPE CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19890602
Handler Name: UNITED CONCRETE PIPE CORP	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

UNITED CONCRETE PIPE CORP (Continued) **1000399388**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32739
NAICS Description: OTHER CONCRETE PRODUCT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:
Name: UNITED CONCRETE PIPE
Address: 14041 EAST LIVE OAK AVENUE
City,State,Zip: IRWINDALE, CA 91706
Facility ID: 19320196
Status: No Further Action
Status Date: 09/10/1990
Site Code: 300257
Site Type: Historical
Site Type Detailed: * Historical
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 48
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.10665
Longitude: -117.9684
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: SOIL
Alias Name: CAD982523425
Alias Type: EPA Identification Number
Alias Name: 300257
Alias Type: Project Code (Site Code)
Alias Name: 19320196
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/27/1994

UNITED CONCRETE PIPE CORP (Continued) **1000399388**

Comments: DATABASE VERIFICATION PROJECT CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/22/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/22/1990
Comments: PRELIM ASSESS DONE PRELIMINARY ENDAGERMENT ASSESSMENT COMPLETED WITH AN NFA DESIGNATION. THIS SITE WAS GIVEN AN NFA BASED ON LACK OF SIGNIFICANT HAZARDOUS CONSTITUENTS IN THE SOIL. MINERAL OIL WAS THE PRIMARY CONTAMINANT IN THE SOIL WHICH IS NOT CONSI- DERED TO BE HAZARDOUS. THE SITE MANUFACTURED LARGE CONCRETE PIPE- SECTIONS TO BE USED FOR PIPE LINES AND SEWERS.

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:
Name: UNITED CONCRETE PIPE (FORMER)
Address: 14041 LIVE OAK AVE E
City,State,Zip: IRWINDALE, CA 91706
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702722
Global Id: T0603702722
Latitude: 34.1067868
Longitude: -117.9678826
Status: Completed - Case Closed
Status Date: 11/03/1994
Case Worker: DK
RB Case Number: I-00593A
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0603702722
Contact Type: Regional Board Caseworker
Contact Name: DAVID KOO
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN

UNITED CONCRETE PIPE CORP (Continued) **1000399388**

Email: david.koo@waterboards.ca.gov
Phone Number: 2136206155

Global Id: T0603702722
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

LUST:
Global Id: T0603702722
Action Type: Other
Date: 12/05/1989
Action: Leak Discovery

Global Id: T0603702722
Action Type: Other
Date: 12/05/1989
Action: Leak Stopped

Global Id: T0603702722
Action Type: Other
Date: 12/05/1989
Action: Leak Reported

LUST:
Global Id: T0603702722
Status: Open - Case Begin Date
Status Date: 12/05/1989

Global Id: T0603702722
Status: Open - Site Assessment
Status Date: 03/01/1990

Global Id: T0603702722
Status: Completed - Case Closed
Status Date: 11/03/1994

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-00593A
Status: Case Closed
Substance: Waste Oil
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603702722
W Global ID: Not reported
Staff: DK

UNITED CONCRETE PIPE CORP (Continued) **1000399388**

Local Agency: 19000
Cross Street: STEWART AVE
Enforcement Type: Not reported
Date Leak Discovered: 12/5/1989
Date Leak First Reported: 12/5/1989
Date Leak Record Entered: 5/22/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 12/5/1989
Date Case Last Changed on Database: 7/14/2000
Date the Case was Closed: 11/3/1994
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: RICHARDSON, BILL
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1179.69933889011775052899074 7
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 3/1/1990
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remediation Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: WOHL PROPERTY GROUP
RP Address: 30200 RANCHO VIEJO RD., STE. C,SAN JUAN CAPISTRANO, CA 92675
Program: LUST
Lat/Long: 34.1068262 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: LOP/HIGH - ADMINISTRATIVE (CLOSURE/SB2004/ENFORCEMENT)
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: NO FURTHER ACTION IS REQUIRED BY LADPW; OLD CASE #052390-06; NFA ISSUED BY WIP 11/3/94

FINDS:
Registry ID: 110001153126

Click Here:

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

UNITED CONCRETE PIPE CORP (Continued) **1000399388**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

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

ECHO:

Envid:	1000399388
Registry ID:	110001153126
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001153126
Name:	UNITED CONCRETE PIPE CORP
Address:	14041 E LIVE OAK AVE
City,State,Zip:	BALDWIN PARK, CA 91706

CORTESE:

Name:	UNITED CONCRETE PIPE (FORMER)
Address:	14041 LIVE OAK AVE E
City,State,Zip:	IRWINDALE, CA 91706
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603702722
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	UNITED CONCRETE PIPE (FOR
edr_fadd1:	14041 LIVE OAK
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-00593A

CERS:

Name:	UNITED CONCRETE PIPE (FORMER)
Address:	14041 LIVE OAK AVE E
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	244864
CERS ID:	T0603702722

UNITED CONCRETE PIPE CORP (Continued) **1000399388**

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: DAVID KOO - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2136206155

B20 **UNITED CONCRETE PIPE CO** **CA SWEEPS UST** **S103697072**
14041 E LIVE OAK AVE **CA HIST UST** **N/A**
< 1/8 **IRWINDALE, CA 91706** **CA LOS ANGELES CO. HMS**
1 ft. **CA WIP**

Site 12 of 29 in cluster B

Relative: Lower
Actual: 412 ft.

SWEEPS UST:
Name: UNITED CONCRETE PIPE CO
Address: 14041 E LIVE OAK AVE
City: IRWINDALE
Status: Active
Comp Number: 593
Number: 9
Board Of Equalization: 44-007462
Referral Date: 07-01-91
Action Date: 07-01-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-000593-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Name: UNITED CONCRETE PIPE CO
Address: 14041 E LIVE OAK AVE
City: IRWINDALE
Status: Active
Comp Number: 593
Number: 9
Board Of Equalization: 44-007462

UNITED CONCRETE PIPE CO (Continued) **S103697072**

Referral Date: 07-01-91
Action Date: 07-01-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-000593-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: UNITED CONCRETE PIPE CO
Address: 14041 E LIVE OAK AVE
City: IRWINDALE
Status: Active
Comp Number: 593
Number: 9
Board Of Equalization: 44-007462
Referral Date: 07-01-91
Action Date: 07-01-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-000593-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: UNITED CONCRETE PIPE
Address: 14041 EAST LIVE OAK
City,State,Zip: IRWINDALE, CA 91708
File Number: 000283F8
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000283F8.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
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported

UNITED CONCRETE PIPE CO (Continued) **S103697072**

Leak Detection: Not reported

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:

Name:	US PIPE & FOUNDRY CO
Address:	14041 LIVE OAK AVE
City,State,Zip:	IRWINDALE, CA 91706
Region:	LA
Permit Category:	I
Facility Id:	000590-I00593
Facility Type:	04
Facility Status:	Closed
Area:	3S
Permit Number:	000099047
Permit Status:	Closed

Name:	US PIPE & FOUNDRY CO
Address:	14041 LIVE OAK AVE
City,State,Zip:	IRWINDALE, CA 91706
Region:	LA
Permit Category:	T
Facility Id:	000590-000593
Facility Type:	0
Facility Status:	Removed
Area:	3S
Permit Number:	00000157T
Permit Status:	Removed

WIP:

Name:	KOLL COMPANY
Address:	14041 E Live Oak Ave
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
File Number:	108.1643
File Status:	**Historical**
Staff:	DRASMUSS
Facility Suite:	Not reported

B21 **FULLER & ASSOCIATES** **CA WIP** **S106767257**
SE **14160 LIVE OAK AVE** **N/A**
< 1/8 **IRWINDALE, CA 91706**
0.036 mi.
189 ft. **Site 13 of 29 in cluster B**

Relative:
Lower

Actual:
412 ft.

WIP:

Name:	FULLER & ASSOCIATES
Address:	14160 Live Oak Ave
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
File Number:	108.1581
File Status:	**Historical**
Staff:	DKOO
Facility Suite:	Not reported

B22 **SUNBURST DRPERY CLRS FRPROFING** **EDR Hist Cleaner** **1020097939**
SE **14160 LIVE OAK AVE B** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 14 of 29 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual: **412 ft.**

Year:	Name:	Type:
1986	SUNBURST DRAPE CLNR INC	Drycleaning Plants, Except Rugs
1987	SUNBURST DRAPE CLNR INC	Drycleaning Plants, Except Rugs
1987	SUNBURST DRAPERY CLEANERS INC	Drycleaning Plants, Except Rugs
1988	SUNBURST DRAPE CLNR INC	Drycleaning Plants, Except Rugs
1988	SUNBURST DRAPERY CLEANERS INC	Drycleaning Plants, Except Rugs
1989	SUNBURST DRAPE CLNR INC	Drycleaning Plants, Except Rugs
1989	SUNBURST DRAPERY CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1990	SUNBURST DRAPERY CLEANERS INC	Window Furnishings
1991	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
1992	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
1993	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
1994	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
1995	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
1996	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
1997	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
1998	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
1999	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2000	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2001	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2002	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2003	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2004	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2005	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2006	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2007	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2008	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2009	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2010	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2011	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2012	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2013	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings
2014	SUNBURST DRPERY CLRS FRPROFING	Window Furnishings

B23 **SVI INTERNATIONAL, INC.** **CA WIP** **S106767259**
SE **14120 LIVE OAK AVE** **N/A**
< 1/8 **IRWINDALE, CA 91706**
0.036 mi.
189 ft. **Site 15 of 29 in cluster B**

Relative: WIP:
Lower

Actual: **412 ft.**

Name:	SVI INTERNATIONAL, INC.
Address:	14120 Live Oak Ave
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
File Number:	108.1583
File Status:	**Historical**
Staff:	WLIU
Facility Suite:	C&D

B24 **MULTI-DUTI MANUFACTURING, INC.** **CA WIP** **S106767123**
SE **14140 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 16 of 29 in cluster B**

Relative: WIP:
Lower
Actual: Name: MULTI-DUTI MANUFACTURING, INC.
412 ft. Address: 14140 Live Oak Ave
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1382
File Status: **Not reported**
Staff: UNIDENTIFIED
Facility Suite: A

B25 **SHELCOMM** **CA WIP** **S106767127**
SE **14160 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 17 of 29 in cluster B**

Relative: WIP:
Lower
Actual: Name: SHELCOMM
412 ft. Address: 14160 Live Oak Ave
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1388
File Status: **Historical**
Staff: TB
Facility Suite: C

B26 **HYDRODYNE** **CA WIP** **S106767124**
SE **14140 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 18 of 29 in cluster B**

Relative: WIP:
Lower
Actual: Name: HYDRODYNE
412 ft. Address: 14140 Live Oak Ave
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1383
File Status: **Historical**
Staff: TB
Facility Suite: B

B27 **TIME & SOUND CO., INC.** **CA WIP** **S106767120**
SE **14120 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 19 of 29 in cluster B**

Relative: **Lower**
Actual: **412 ft.**

WIP:

Name:	TIME & SOUND CO., INC.
Address:	14120 Live Oak Ave
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1379
File Status:	**Historical**
Staff:	WLIU
Facility Suite:	B

B28 **SUNBURST DRAPERY CLEANERS & FIREPROOFING** **CA DRYCLEANERS** **S121697830**
SE **14160 LIVE OAK AVE UNIT B** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 20 of 29 in cluster B**

Relative: **Lower**
Actual: **412 ft.**

DRYCLEAN SOUTH COAST:

Name:	SUNBURST DRAPERY CLEANERS & FIREPROOFING
Address:	14160 LIVE OAK AVE UNIT B
City,State,Zip:	BALDWIN PARK, CA 91706
Facility ID:	43854
Application Number:	121744
Permit Number:	M34433
Status:	I
Representative Name:	ROBERT W. WEINREB
Representative Telephone:	818 9628778
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	410.89300537
UTM North:	3774.2128906
Application Date:	04/23/1984
PO Issue Date:	08/24/1984
NAICS Code:	Not reported
SIC Code:	7216

Name:	SUNBURST DRAPERY CLEANERS & FIREPROOFING
Address:	14160 LIVE OAK AVE UNIT B
City,State,Zip:	BALDWIN PARK, CA 91706
Facility ID:	43854
Application Number:	330418
Permit Number:	F8692
Status:	I
Representative Name:	ROBERT W. WEINREB
Representative Telephone:	818 9628778
Permit Status:	INACTIVE
BCAT Number:	000601
BCAT Description:	DRY CLEANING, DRY-TO-DRY NON-VENT, PERC
CCAT Number:	04
CCAT Description:	VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East:	410.89300537
UTM North:	3774.2128906

SUNBURST DRAPERY CLEANERS & FIREPROOFING (Continued) **S121697830**

Application Date:	07/09/1997
PO Issue Date:	08/12/1997
NAICS Code:	Not reported
SIC Code:	7216

B29
SE
< 1/8
0.036 mi.
189 ft.

SUNBURST DRAPERY CLEANERS
14160 LIVE OAK AVE
BALDWIN PARK, CA 91706

Site 21 of 29 in cluster B

CA CPS-SLIC **S103989802**
CA DRYCLEANERS **N/A**
CA WIP
CA CERS

Relative:
Lower

Actual:
412 ft.

CPS-SLIC:

Name:	SUNBURST DRAPERY CLEANERS
Address:	14160 LIVE OAK AVE. #B
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	03/21/2018
Global Id:	SL603798912
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1063209447561
Longitude:	-117.965780986786
Case Type:	Cleanup Program Site
Case Worker:	KL
Local Agency:	Not reported
RB Case Number:	108.1387
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

DRYCLEANERS:

Name:	SUNBURST DRAPERY CLEANERS & FIREPROOFING
Address:	14160 LIVE OAK AVE #B
City,State,Zip:	BALDWIN PARK, CA 917060000
EPA Id:	CAD981655632
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:	06/30/2005
Facility Addr2:	Not reported
Owner Name:	SUNBURST DRAPERY CLEANERS &
Owner Address:	14160 LIVE OAK AVE STE B
Owner Address 2:	Not reported
Owner Telephone:	0
Contact Name:	MICHAEL WEINREB PRES
Contact Address:	14160 LIVE OAK AVE STE B
Contact Address 2:	Not reported
Contact Telephone:	6269628778
Contact Fax:	Not reported
Mailing Name:	Not reported

SUNBURST DRAPERY CLEANERS (Continued) **S103989802**

Mailing Address 1:	14160 LIVE OAK AVE STE B
Mailing Address 2:	Not reported
Mailing City:	BALDWIN PARK
Mailing State:	CA
Mailing Zip:	917060000
Owner Fax:	Not reported
Region Code:	3
Latitude:	34.106737
Longitude:	-117.965958

WIP:

Name:	SUNBURST DRAPERY CLEANERS
Address:	14160 Live Oak Ave
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1387
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	B

CERS:

Name:	SUNBURST DRAPERY CLEANERS
Address:	14160 LIVE OAK AVE. #B
City,State,Zip:	BALDWIN PARK, CA 91706
Site ID:	232796
CERS ID:	SL603798912
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	KEVIN LIN - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	340 W 4th St, Ste 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766781

B30 **MULTI-DUTI MFG. INC.** **CA WIP** **S106767122**
SE **14140 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 22 of 29 in cluster B**

Relative:
Lower

Actual:
412 ft.

WIP:

Name:	MULTI-DUTI MFG. INC.
Address:	14140 Live Oak Ave
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1381
File Status:	**Historical**
Staff:	PAR
Facility Suite:	A

B31
SE
< 1/8
0.036 mi.
189 ft.

K. S. BROTHER BOX
14140 LIVE OAK AVE
BALDWIN PARK, CA 91706

Site 23 of 29 in cluster B

CA WIP **S106767125**
N/A

Relative:
Lower

Actual:
412 ft.

WIP:

Name:	K. S. BROTHER BOX
Address:	14140 Live Oak Ave
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1385
File Status:	**Historical**
Staff:	TB
Facility Suite:	C-D

B32
SE
< 1/8
0.036 mi.
189 ft.

TOPTEK TECHNOLOGY, INC.
14140 LIVE OAK AVE
IRWINDALE, CA 91706

Site 24 of 29 in cluster B

CA WIP **S106767258**
N/A

Relative:
Lower

Actual:
412 ft.

WIP:

Name:	TOPTEK TECHNOLOGY, INC.
Address:	14140 Live Oak Ave
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
File Number:	108.1582
File Status:	**Historical**
Staff:	DKOO
Facility Suite:	C

B33
SE
< 1/8
0.036 mi.
189 ft.

SEIZMIC INC.
14160 LIVE OAK AVE
BALDWIN PARK, CA 91706

Site 25 of 29 in cluster B

CA WIP **S106767130**
N/A

Relative:
Lower

Actual:
412 ft.

WIP:

Name:	SEIZMIC INC.
Address:	14160 Live Oak Ave
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1391
File Status:	**Historical**
Staff:	TB
Facility Suite:	H

B34 **TIMES INTERNATIONAL COMPUTERS** **CA WIP** **S106767129**
SE **14160 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 26 of 29 in cluster B**

Relative: WIP:
Lower
Actual: Name: TIMES INTERNATIONAL COMPUTERS
412 ft. Address: 14160 Live Oak Ave
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1390
File Status: **Historical**
Staff: WLIU
Facility Suite: F

B35 **GUMSHOE ENTERPRISES, INC.** **CA WIP** **S106767121**
SE **14120 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 27 of 29 in cluster B**

Relative: WIP:
Lower
Actual: Name: GUMSHOE ENTERPRISES, INC.
412 ft. Address: 14120 Live Oak Ave
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1380
File Status: **Historical**
Staff: DKOO
Facility Suite: B

B36 **SIERRA ELECTRONICS** **CA WIP** **1000368630**
SE **14160 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 28 of 29 in cluster B**

Relative: WIP:
Lower
Actual: Name: SIERRA ELECTRONICS
412 ft. Address: 14160 Live Oak Ave
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1389
File Status: **Historical**
Staff: TB
Facility Suite: D

B37 **HART ENTERPRISES** **CA WIP** **S106767126**
SE **14160 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.036 mi.
189 ft. **Site 29 of 29 in cluster B**

Relative: **Lower**
Actual: **412 ft.**

WIP:

Name:	HART ENTERPRISES
Address:	14160 Live Oak Ave
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1386
File Status:	**Historical**
Staff:	TB
Facility Suite:	A

C38 **CA AST** **A100344509**
SW **13940 E LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA**
0.060 mi.
315 ft. **Site 1 of 12 in cluster C**

Relative: **Lower**
Actual: **409 ft.**

AST:

Name:	Not reported
Address:	13940 E LIVE OAK AVE
City/Zip:	BALDWIN PARK,
Certified Unified Program Agencies:	Los Angeles County
Owner:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Total Gallons:	3701
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

C39 **WEBSTER'S REFUSE DISPOSAL** **CA SWF/LF** **S111076170**
SW **13940 LIVE OAK AVE** **CA LUST** **N/A**
< 1/8 **BALDWIN PARK, CA 91706** **CA HAULERS**
0.060 mi.
315 ft. **Site 2 of 12 in cluster C**

Relative:
Lower

Actual:
409 ft.

LOS ANGELES CO. LF:

Name:	WASTE MANAGEMENT SAN GABRIEL VALLEY
Address:	13940 EAST LIVE OAK AVE.
City,State,Zip:	BALDWIN PARK, CA 91706
Site ID:	232
Alt. Site Name:	Not reported
Alt. Address:	Not reported
Site Contact:	Not reported
Site Contact Phone:	(800) 774-0222
Site Email:	cjanetzke@wm.com
Site Website:	www.wm.com
Site Type:	Waste Hauler
Site SWIS Number:	19-AS-0090
Beginning Operation Date:	Not reported
Ending Operation Date:	Not reported
Local Enforcement Agency:	Not reported
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Not reported
Remaining Capacity(Million):	Not reported
Status:	Active
Waste Accepted:	Not reported
Hours of Operation:	Mon to Fri, 7 AM - 5 PM
Disposal Area (Acre):	Not reported

Detail As Of 01/2014:

Operator Name:	Waste Management, Inc.
Operator Address:	13940 EAST LIVE OAK AVENUE
Operator City/State/Zip:	BALDWIN, CA 91706
Operator Contact:	Not reported
Operator Telephone:	(626) 856-1285
Operator Email:	Not reported
Owner Name:	Unknown
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
District:	1
Site Mailing Address:	Not reported

LUST:

Name:	WEBSTER'S REFUSE DISPOSAL
Address:	13940 LIVE OAK AVE
City,State,Zip:	BALDWIN PARK, CA 91706
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703351
Global Id:	T0603703351
Latitude:	34.1064032
Longitude:	-117.9712352
Status:	Completed - Case Closed
Status Date:	04/08/1993

WEBSTER'S REFUSE DISPOSAL (Continued) **S111076170**

Case Worker: JOA
RB Case Number: I-09164
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0603703351
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703351
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603703351
Action Type: Other
Date: 12/21/1989
Action: Leak Discovery

Global Id: T0603703351
Action Type: Other
Date: 12/27/1989
Action: Leak Reported

LUST:
Global Id: T0603703351
Status: Open - Case Begin Date
Status Date: 12/21/1989

Global Id: T0603703351
Status: Open - Site Assessment
Status Date: 12/27/1989

Global Id: T0603703351
Status: Completed - Case Closed
Status Date: 04/08/1993

HAULERS:
Name: WASTE MANAGEMENT OF SAN GABRIEL/POMONA VALLEY
Address: 13940 LIVE OAK AVE

WEBSTER'S REFUSE DISPOSAL (Continued) **S111076170**

City,State,Zip:	BALDWIN PARK, CA 91706-1321
Facility ID:	1001839
Facility Phone:	(626) 831-0578
Business Email Address:	Not reported
Contact Person:	Shawn Van Niman
Mailing Address:	13940 Live Oak Ave
Mailing City:	Baldwin Park
Mailing State:	CA
Mailing Zip:	91706-1321
Mailing County:	Not reported
Mailing Phone:	(626) 831-0578
Current Status:	Active Business
Current Hauler Status:	Hauler - Registered
Accepting Tires From Public:	No
Regulatory Status Last Changed:	6/26/2003
Business Types:	Hauler (Com Car, Ag, Gov Exempt); Collection Location; Other: Waste collector

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C40 **WASTE MANAGEMENT - SAN GABRIEL/POMONA** **CA UST** **U004270998**
SW **13940 EAST LIVE OAK AVENUE** **N/A**
< 1/8 **BALDWIN PARK, CA**
0.060 mi.
315 ft. **Site 3 of 12 in cluster C**

Relative: UST CLOSURE:
Lower

Actual: Name:	WASTE MANAGEMENT - SAN GABRIEL/POMONA
409 ft. Address:	13940 EAST LIVE OAK AVENUE
City,State,Zip:	BALDWIN PARK, CA
Claim Number:	Case No. 009361-009164
Type:	Closure Denials and Approved Orders
Deadline Date:	11/7/2014
Documents:	13940 East Live Oak Avenue, Baldwin Park, Los Angeles CountyNotice, 13940 East Live Oak Avenue, Baldwin Park, Los Angeles CountyExec Draft Order, 13940 East Live Oak Avenue, Baldwin Park, Los Angeles CountyClosure Summary
Comments:	Not reported
Comments URL:	Not reported
Response:	Not reported
Response URL:	Not reported
Comments2:	Not reported
Comments2 URL:	Not reported
Response2:	Not reported
Response2 URL:	Not reported
Closure:	WQO 2014-0211-UST (12/23/2014)
Closure URL:	https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2014/wqo2014_0211_ust.pdf
Uniform:	WQO 2014-0211-UST (12/23/2014)Uniform Closure Letter (01/30/2015)
Uniform URL:	https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/009361_009164_ucl.pdf

C41 **SCA/WEBSTER'S REFUSE DISPOSAL** **CA HIST UST** **U001568802**
SW **13940 LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.060 mi.
315 ft. **Site 4 of 12 in cluster C**

Relative: **Lower**

Actual: **409 ft.**

HIST UST:

Name:	SCA/WEBSTER'S REFUSE DISPOSAL
Address:	13940 LIVE OAK AVE
City,State,Zip:	BALDWIN PARK, CA 91706
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000008005
Facility Type:	Other
Other Type:	REFUSE COLLECTION
Contact Name:	Not reported
Telephone:	8183381189
Owner Name:	SCA SERVICES, INC.
Owner Address:	60 STATE STREET
Owner City,St,Zip:	BOSTON, MA 02109
Total Tanks:	0010
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	#2
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	#3
Year Installed:	1976
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	004
Container Num:	#4
Year Installed:	1975
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test

SCA/WEBSTER'S REFUSE DISPOSAL (Continued) **U001568802**

Tank Num:	005
Container Num:	#5
Year Installed:	1975
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	006
Container Num:	#6
Year Installed:	1972
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	007
Container Num:	#7
Year Installed:	1972
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	008
Container Num:	#8
Year Installed:	1972
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	009
Container Num:	#9
Year Installed:	1972
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	010
Container Num:	#10
Year Installed:	1972
Tank Capacity:	00000350
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	4"
Leak Detection:	Visual

C42 **WASTE MGT-SAN GABRIEL/POMONA V** **CA UST** **U004050884**
SW **13940 LIVE OAK AVE** **CA LOS ANGELES CO. HMS** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.060 mi.
315 ft. **Site 5 of 12 in cluster C**

Relative: UST:
Lower
Actual: Name: WASTE MGT-SAN GABRIEL/POMONA V
409 ft. Address: 13940 LIVE OAK AVE
City,State,Zip: BALDWIN PARK, CA 91706
Facility ID: 9164
Permitting Agency: LOS ANGELES COUNTY
Latitude: 34.107062
Longitude: -117.969981

LOS ANGELES CO. HMS:
Name: WASTE MGT-SAN GABRIEL/POMONA V
Address: 13940 LIVE OAK AVE
City,State,Zip: BALDWIN PARK, CA 917061321
Region: LA
Permit Category: T
Facility Id: 009361-009164
Facility Type: 0
Facility Status: Permit
Area: 3X
Permit Number: 00000148T
Permit Status: Permit

C43 **WEBSTER'S REFUSE DISPOSAL** **CA HIST CORTESE** **S103629672**
SW **13940 LIVE OAK** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.060 mi.
315 ft. **Site 6 of 12 in cluster C**

Relative: HIST CORTESE:
Lower
Actual: edr_fname: WEBSTER'S REFUSE DISPOSAL
409 ft. edr_fadd1: 13940 LIVE OAK
City,State,Zip: BALDWIN PARK, CA 91706
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-09164

C44 **WASTE MGMT SAN GABRIEL/POMONA VALLE** **CA AST** **A100426099**
SW **13940 E LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.060 mi.
315 ft. **Site 7 of 12 in cluster C**

Relative: AST:
Lower
Actual: Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
409 ft. Address: 13940 E LIVE OAK AVE
City/Zip: BALDWIN PARK,91706
Certified Unified Program Agencies: Not reported
Owner: WASTE MANAGEMENT INC
Total Gallons: Not reported
CERSID: 10285492
Facility ID: LACoFA0016336

WASTE MGMT SAN GABRIEL/POMONA VALLE (Continued) **A100426099**

Business Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Phone:	(626) 960-7551
Fax:	(626) 856-1283
Mailing Address:	13940 LIVE OAK AVE
Mailing Address City:	BALDWIN PARK
Mailing Address State:	CA
Mailing Address Zip Code:	91706
Operator Name:	WASTE MANAGEMENT
Operator Phone:	(626) 960-7551
Owner Phone:	(713) 512-6200
Owner Mail Address:	13940 LIVE OAK AVE
Owner State:	CA
Owner Zip Code:	91706
Owner Country:	United States
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:	CAD981439912

C45 **WASTE MGMT SAN GABRIEL/POMONA VALLE** **CA UST** **U004265431**
SW **13940 E LIVE OAK AVE** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.060 mi.
315 ft. **Site 8 of 12 in cluster C**

Relative:
Lower

Actual:
409 ft.

UST:

Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Address:	13940 E LIVE OAK AVE
City,State,Zip:	BALDWIN PARK, CA 91706
Facility ID:	LACoFA0016336
Permitting Agency:	Los Angeles County Fire Department
Latitude:	34.10571
Longitude:	-117.97082

C46 **WEBSTERS REFUSE DISPOSAL** **RCRA-SQG** **1000388629**
SW **13940 LIVE OAK** **CA SWF/LF** **CAD981439912**
< 1/8 **BALDWIN PARK, CA 91706** **CA LUST**
0.060 mi. **CA CERS HAZ WASTE**
315 ft. **Site 9 of 12 in cluster C** **CA SWEEPS UST**
CA HIST UST

Relative:
Lower

CA FID UST
CA CERS TANKS

Actual:
409 ft.

CA Cortese
CA EMI
CA WIP
CA CERS

RCRA-SQG:

Date Form Received by Agency:	19960901
Handler Name:	WEBSTERS REFUSE DISPOSAL
Handler Address:	13940 LIVE OAK
Handler City,State,Zip:	BALDWIN PARK, CA 91706

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

EPA ID:	CAD981439912
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	13940 E LIVE OAK AVE
Mailing City,State,Zip:	BALDWIN PARK, CA 91706
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WASTE MANAGEMENT INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name:	WEBSTERS REFUSE DISPOSAL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860903
Handler Name: WEBSTERS REFUSE DISPOSAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900412
Handler Name: WEBSTERS REFUSE DISPOSAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20210322
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

LOS ANGELES CO. LF:
Name: WASTE MANAGEMENT - BALDWIN PARK
Address: 13940 E. LIVE OAK AVE.
City,State,Zip: BALDWIN PARK, CA 91706
Site ID: 1144
Alt. Site Name: Not reported
Alt. Address: Not reported
Site Contact: Not reported
Site Contact Phone: Not reported
Site Email: Not reported
Site Website: Not reported
Site Type: Waste Hauler
Site SWIS Number: 19-AS-0090
Beginning Operation Date: Not reported
Ending Operation Date: Not reported
Local Enforcement Agency: Not reported
Maximun Depth Fill(Ft): Not reported
Permitted Capacity: Not reported
Present Use: Not reported
Remaining Capacity(Million): Not reported
Status: Closed
Waste Accepted: Not reported

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Hours of Operation: Not reported
Disposal Area (Acre): Not reported

Detail As Of 01/2014:
Operator Name: Not reported
Operator Address: Not reported
Operator City/State/Zip: Not reported
Operator Contact: Not reported
Operator Telephone: Not reported
Operator Email: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City/State/Zip: Not reported
Owner Contact: Not reported
Owner Telephone: Not reported
Owner Email: Not reported
District: 1
Site Mailing Address: Not reported

LUST:
Name: WASTE MANAGEMENT - SAN GABRIEL/POMONA V
Address: 13940 E LIVE OAK AVENUE
City,State,Zip: BALDWIN PARK, CA 91706-0456
Lead Agency: SWRCB
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000003395
Global Id: T10000003395
Latitude: 34.105713
Longitude: -117.97133
Status: Completed - Case Closed
Status Date: 01/30/2015
Case Worker: MC
RB Case Number: Not reported
Local Agency: LOS ANGELES COUNTY
File Location: Local Agency
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel, Waste Oil / Motor / Hydraulic / Lubricating, Xylene
Site History: Not reported

LUST:
Global Id: T10000003395
Contact Type: Local Agency Caseworker
Contact Name: KATTYA BATRES RINZE
Organization Name: LOS ANGELES COUNTY
Address: 900 SOUTH FREMONT AVE
City: ALHAMBRA
Email: gbatres@dpw.lacounty.gov
Phone Number: Not reported

Global Id: T10000003395
Contact Type: Regional Board Caseworker
Contact Name: MATTHEW COHEN
Organization Name: SWRCB
Address: 1001 I Street
City: SACRAMENTO
Email: matthew.cohen@waterboards.ca.gov
Phone Number: 9163415751

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

LUST:
Global Id: T10000003395
Action Type: ENFORCEMENT
Date: 12/23/2014
Action: State Water Board Closure Order

Global Id: T10000003395
Action Type: ENFORCEMENT
Date: 08/29/2014
Action: Notification - Public Notice of Case Closure

Global Id: T10000003395
Action Type: ENFORCEMENT
Date: 01/30/2015
Action: Closure/No Further Action Letter

Global Id: T10000003395
Action Type: Other
Date: 11/16/2011
Action: Leak Reported

Global Id: T10000003395
Action Type: Other
Date: 08/17/2005
Action: Leak Discovery

Global Id: T10000003395
Action Type: Other
Date: 08/17/2005
Action: Leak Stopped

Global Id: T10000003395
Action Type: ENFORCEMENT
Date: 06/27/2013
Action: Referral to Regional Board

LUST:
Global Id: T10000003395
Status: Open - Case Begin Date
Status Date: 08/17/2005

Global Id: T10000003395
Status: Open - Site Assessment
Status Date: 11/16/2011

Global Id: T10000003395
Status: Open - Eligible for Closure
Status Date: 01/17/2014

Global Id: T10000003395
Status: Open - Eligible for Closure
Status Date: 12/31/2014

Global Id: T10000003395
Status: Completed - Case Closed
Status Date: 01/30/2015

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-09164	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603703351	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	STUART	
Enforcement Type:	Not reported	
Date Leak Discovered:	12/21/1989	
Date Leak First Reported:		12/27/1989
Date Leak Record Entered:	3/5/1990	
Date Confirmation Began:	12/27/1989	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		12/26/1991
Date the Case was Closed:		4/8/1993
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	MULLER, MIKE	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2025.385214860576304461923259 1
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	WASTER MANAGEMENT OF N.AMERICA	
RP Address:	18500 VON KARMEN AVE., IRVINE CA 92715	
Program:	LUST	
Lat/Long:	34.1064032 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Assigned Name: Not reported
Summary: Not reported

CERS HAZ WASTE:
Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Address: 13940 E LIVE OAK AVE
City,State,Zip: BALDWIN PARK, CA 91706
Site ID: 84757
CERS ID: 10285492
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: WEBSTER'S REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Active
Comp Number: 9164
Number: 1
Board Of Equalization: 44-008331
Referral Date: 08-29-89
Action Date: 08-29-89
Created Date: 06-30-89
Owner Tank Id: 3
SWRCB Tank Id: 19-000-009164-000001
Tank Status: A
Capacity: 10000
Active Date: 01-08-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 7

Name: WEBSTER'S REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Active
Comp Number: 9164
Number: 1
Board Of Equalization: 44-008331
Referral Date: 08-29-89
Action Date: 08-29-89
Created Date: 06-30-89
Owner Tank Id: 6
SWRCB Tank Id: 19-000-009164-000003
Tank Status: A
Capacity: 1000
Active Date: 01-08-93
Tank Use: OIL
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: WEBSTER'S REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Active

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Comp Number: 9164
Number: 1
Board Of Equalization: 44-008331
Referral Date: 08-29-89
Action Date: 08-29-89
Created Date: 06-30-89
Owner Tank Id: 1
SWRCB Tank Id: 19-000-009164-000004
Tank Status: A
Capacity: 1000
Active Date: 01-08-93
Tank Use: OIL
STG: P
Content: Not reported
Number Of Tanks: Not reported

Name: WEBSTER'S REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Active
Comp Number: 9164
Number: 1
Board Of Equalization: 44-008331
Referral Date: 08-29-89
Action Date: 08-29-89
Created Date: 06-30-89
Owner Tank Id: 5
SWRCB Tank Id: 19-000-009164-000005
Tank Status: A
Capacity: 500
Active Date: 01-08-93
Tank Use: OIL
STG: P
Content: Not reported
Number Of Tanks: Not reported

Name: WEBSTER'S REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Active
Comp Number: 9164
Number: 1
Board Of Equalization: 44-008331
Referral Date: 08-29-89
Action Date: 08-29-89
Created Date: 06-30-89
Owner Tank Id: 7
SWRCB Tank Id: 19-000-009164-000007
Tank Status: A
Capacity: 350
Active Date: 01-08-93
Tank Use: OIL
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: WEBSTER'S REFUSE DISPOSAL

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Active
Comp Number: 9164
Number: 1
Board Of Equalization: 44-008331
Referral Date: 08-29-89
Action Date: 08-29-89
Created Date: 06-30-89
Owner Tank Id: 2
SWRCB Tank Id: 19-000-009164-000008
Tank Status: A
Capacity: 20000
Active Date: 01-08-93
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: WEBSTER'S REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Active
Comp Number: 9164
Number: 1
Board Of Equalization: 44-008331
Referral Date: 08-29-89
Action Date: 08-29-89
Created Date: 06-30-89
Owner Tank Id: 4
SWRCB Tank Id: 19-000-009164-000009
Tank Status: A
Capacity: 20000
Active Date: 01-08-93
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: WEBSTER'S REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Not reported
Comp Number: 9164
Number: Not reported
Board Of Equalization: 44-008331
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009164-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Number Of Tanks: 3

Name: WEBSTER'S REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Not reported
Comp Number: 9164
Number: Not reported
Board Of Equalization: 44-008331
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009164-000006
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: WEBSTER'S REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVE
City: BALDWIN PARK
Status: Not reported
Comp Number: 9164
Number: Not reported
Board Of Equalization: 44-008331
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009164-000010
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: SCA/WEBSTERS REFUSE DISPOSAL
Address: 13940 E LIVE OAK AVENUE
City,State,Zip: BALDWIN PARK, CA 91706
File Number: 00028207
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028207.pdf
Region: STATE
Facility ID: 00000050664
Facility Type: Not reported
Other Type: REFUSE COLLECTION
Contact Name: Not reported
Telephone: 8183381189
Owner Name: WASTE MANAGEMENT, INC.
Owner Address: 3003 BUTTERFIELD ROAD
Owner City,St,Zip: OAK BROOK, IL 60521

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Total Tanks:	0010
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	2
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	2
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	3
Year Installed:	1976
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	3
Year Installed:	1976
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.250
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	004

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Container Num: 4
Year Installed: 1975
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 004
Container Num: 4
Year Installed: 1975
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 005
Container Num: 5
Year Installed: 1975
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 005
Container Num: 5
Year Installed: 1975
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 006
Container Num: 6
Year Installed: 1972
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 006
Container Num: 6
Year Installed: 1972
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 007
Container Num: 7
Year Installed: 1972
Tank Capacity: 00000500

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 007
Container Num: 7
Year Installed: 1972
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 008
Container Num: 8
Year Installed: 1972
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 008
Container Num: 8
Year Installed: 1972
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 009
Container Num: 9
Year Installed: 1972
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 009
Container Num: 9
Year Installed: 1972
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: .250
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 010
Container Num: 10
Year Installed: 1972
Tank Capacity: 00000350
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Leak Detection: Visual

Tank Num: 010
Container Num: 10
Year Installed: 1972
Tank Capacity: 00000350
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4
Leak Detection: Visual

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 19002303
Regulated By: UTNKA
Regulated ID: 00008005
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8189607551
Mail To: Not reported
Mailing Address: 18500 VON KARMEN
Mailing Address 2: Not reported
Mailing City,St,Zip: BALDWIN PARK 91706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS TANKS:
Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Address: 13940 E LIVE OAK AVE
City,State,Zip: BALDWIN PARK, CA 91706
Site ID: 84757
CERS ID: 10285492
CERS Description: Underground Storage Tank

Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Address: 13940 E LIVE OAK AVE
City,State,Zip: BALDWIN PARK, CA 91706
Site ID: 84757
CERS ID: 10285492
CERS Description: Aboveground Petroleum Storage

CORTESE:
Name: WASTE MANAGEMENT - SAN GABRIEL/POMONA V
Address: 13940 E LIVE OAK AVENUE
City,State,Zip: BALDWIN PARK, CA
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000003395
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

Name:	WEBSTER'S REFUSE DISPOSAL
Address:	13940 LIVE OAK AVE
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603703351
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	WEBSTER REFUSE DISPOSAL COMPAN
Address:	13940 E LIVE OAK AV
City,State,Zip:	BALDWIN PARK, CA 91706
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	55700
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	5

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

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

Name:	WASTE MANAGEMENT OF SAN GABRIE
Address:	13940 E LIVE OAK AV
City,State,Zip:	BALDWIN PARK, CA 91706
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	55700
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	4
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

Name:	WASTE MANAGEMENT OF SAN GABRIE
Address:	13940 E LIVE OAK AVE
City,State,Zip:	BALDWIN PARK, CA 91706
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	55700
Air District Name:	SC
SIC Code:	4953
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WASTE MANAGEMENT OF SAN GABRIEL/POMONA V
Address:	13940 E LIVE OAK AVE
City,State,Zip:	BALDWIN PARK, CA 91706
Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	55700
Air District Name:	SC
SIC Code:	4212
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.10817
Reactive Organic Gases Tons/Yr:	.106674369
Carbon Monoxide Emissions Tons/Yr:	.0051
NOX - Oxides of Nitrogen Tons/Yr:	.0235
SOX - Oxides of Sulphur Tons/Yr:	.000355
Particulate Matter Tons/Yr:	.00167
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.00162992

WIP:

Name:	WASTE MGMT SAN GABRIEL/PVALLEY
Address:	13940 Live Oak Ave
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1378
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	WASTE MANAGEMENT - SAN GABRIEL/POMONA V
Address:	13940 E LIVE OAK AVENUE
City,State,Zip:	BALDWIN PARK, CA 91706-0456
Site ID:	208930
CERS ID:	T10000003395
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MATTHEW COHEN - SWRCB
Entity Title:	Not reported
Affiliation Address:	1001 I Street
Affiliation City:	SACRAMENTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9163415751

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	KATTYA BATRES RINZE - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 SOUTH FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Address:	13940 E LIVE OAK AVE
City,State,Zip:	BALDWIN PARK, CA 91706
Site ID:	84757
CERS ID:	10285492
CERS Description:	Chemical Storage Facilities

Violations:

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-22-2017
Citation:	23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS

Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-23-2016
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS

Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-10-2015
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS

Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-22-2017
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS

Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-23-2016
Citation:	HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description:	Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-22-2017
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-22-2017
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-23-2016
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have a UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-23-2016
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-22-2017
Citation:	23 CCR 16 2715(f)(3) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(3)
Violation Description:	Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.

Violation Notes: Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-10-2015
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes: Returned to compliance on 05/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-10-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 05/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-29-2020
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description: Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes: Returned to compliance on 07/21/2020. CERS ERRORS(FAC/TANK INFO,MON PLN,OWN/OP AGRMNT);BOE EXPIRED; 2018 SPBK NOT SUBMITTED
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-29-2020
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 07/21/2020. CERS ERRORS(FAC/TANK INFO,MON

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

	PLN,OWN/OP AGRMNT);BOE EXPIRED; 2018 SPBK NOT SUBMITTED
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description:	Failure to submit the G Monitoring System Certification FormG to the UPA within 30 days of completion of the test.
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-23-2016
Citation: 23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description: Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.
Violation Notes: Returned to compliance on 05/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-17-2019
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description: Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes: Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-10-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 05/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-23-2016
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description: Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes: Returned to compliance on 05/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-23-2016
Citation:	23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(e)
Violation Description:	Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-23-2016
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the G Designated Underground Storage Tank Operator Identification FormG within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-29-2020
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 07/21/2020. CERS ERRORS(FAC/TANK INFO,MON PLN,OWN/OP AGRMNT);BOE EXPIRED; 2018 SPBK NOT SUBMITTED
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)
Violation Description:	"Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows: Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection. For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection. "
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-10-2015
Citation:	HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286
Violation Description:	Failure to obtain and maintain a valid Board of Equalization account

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

	number.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-29-2020
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 07/21/2020. CERS ERRORS(FAC/TANK INFO,MON PLN,OWN/OP AGRMNT);BOE EXPIRED; 2018 SPBK NOT SUBMITTED
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-23-2016
Citation:	23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description:	Failure to submit or maintain a current facility plot plan.
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-29-2020
Citation:	HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description:	Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes:	Returned to compliance on 07/21/2020. CERS ERRORS(FAC/TANK INFO,MON PLN,OWN/OP AGRMNT);BOE EXPIRED; 2018 SPBK NOT SUBMITTED
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-10-2015
Citation:	HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description:	Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-23-2016
Citation:	HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)
Violation Description:	Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.
Violation Notes:	Returned to compliance on 05/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description:	Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	84757
Site Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date:	06-17-2019
Citation:	23 CCR 16 2637.1(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637.1(e)
Violation Description:	Failure to submit a copy of the spill containment test results on the G Spill Container Testing Report FormG to the UPA within 30 days after the test.
Violation Notes:	Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division:	Los Angeles County Department of Public Works

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-22-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have a UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 05/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-23-2016
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained.
Violation Notes: Returned to compliance on 05/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-29-2020
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 07/21/2020. CERS ERRORS(FAC/TANK INFO,MON PLN,OWN/OP AGRMNT);BOE EXPIRED; 2018 SPBK NOT SUBMITTED
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-23-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 05/23/2018.
Violation Division: Los Angeles County Department of Public Works

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-17-2019
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description: Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes: Returned to compliance on 07/02/2020. DSL CTR VR-208 FS/UDC 5/6 NT PROP POS;LIQ IN UDC 1/2;FULL CTLS NOT SBMTTD,AB2481 18';DO RPRT 121918 INCOM;OVFL INSP;CERS;L6-05/26/19. CRRCT SNSR PSTNS;CLR LIQ;SBMT ALL REQRD TSTNG;SBMT DO RPRT COMP DATD 121918 OR DOCS;CNDCT & SBMTOVFL INSP;CRRCT CERS;SBMT FOLL FOR L6.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 84757
Site Name: WASTE MGMT SAN GABRIEL/POMONA VALLE
Violation Date: 06-23-2016
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 05/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CERS;DSL CTR VR-208 FS,UDC 5/6 SNSR NT IN PROP LOC;CTLS RPRTS,AB2481 NOT SBMTTD;OVFL LATE;LIQ IN UDC 1/2;D.O RPRT INCOM;L6 ALRM NO RESP.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOVC ISSUED FOR ERRORS TO TANK/MONITORING PLAN IN CERS.EMPLOYEE TRNG LOG IS NOT COMPLETE.BOE NUMBER IS FOR PROP OWNER.NEED OWN/OP AGREEMN
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2014
Violations Found: No
Eval Type: Routine done by local agency

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-27-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Cheryl Lautman, District Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-19-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Matt Manriquez, Facility Supervisor
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-19-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Matt Manriquez, Facility Supervisor
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-09-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-23-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	CERS SUBMITTAL FROM 022018 ACCEPTED;EMPLOYEE TRN CURRENT;ALL SUMPS DRY WITH SENSORS IN CORRECT LOCATION;VR PANEL ON AND FUNCTIONAL.
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-23-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UDC#5/6-CLAMPS,FITTNGS,&DEBRIS;TNK#3-FILL SUMP SENSOR NOT UPRIGHT; COLD START ON 041916 PER DO RPRT; TANK#1-ANNULAR SENSOR INCORRECT.

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-29-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOVC-CERS ERRORS(FAC/TANK INFO,MON PLN,OWN/OP AGRMNT);BOE EXPIRED; 2018 SPBK NOT SUBMITTED
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-27-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Cheryl Lautman, District Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Matt Manriquez, Facility Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Full SPCC TB reviewed
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: PANEL[TLS350+];ANN[420];SMPS[208];LLD[TNK1&3-XLD,TNK2-FX1DV];DWPIPE [AO SMITH];OVERFILL[F/V]
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-27-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Cheryl Lautman, District Manager
Eval Division: Los Angeles County Fire Department

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 13940 LIVE OAK AVE
Affiliation City: BALDWIN PARK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91706
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Cheryl Lautman
Entity Title: District Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Waste Management Collection and Recycling, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 960-7551

Affiliation Type Desc: UST Tank Owner
Entity Name: OFT FAMILY CORPORATION
Entity Title: Not reported
Affiliation Address: 2560 McKay Way
Affiliation City: Minden
Affiliation State: NV
Affiliation Country: United States
Affiliation Zip: 989423
Affiliation Phone: (714) 745-5316

Affiliation Type Desc: Legal Owner
Entity Name: Waste Management Collection and Recycling, Inc.
Entity Title: Not reported
Affiliation Address: 13940 LIVE OAK AVE
Affiliation City: BALDWIN PARK
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91706
Affiliation Phone: (713) 512-6200

Affiliation Type Desc: UST Permit Applicant
Entity Name: Mark Grady
Entity Title: Environmental Specialist

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 224-9126
Affiliation Type Desc:	Document Preparer
Entity Name:	Erika Greenwell
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	WASTE MGMT SAN GABRIEL/POMONA VALLE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	WASTE MGMT OF SAN GABRIEL
Entity Title:	Not reported
Affiliation Address:	13940 E. Live Oak Ave.
Affiliation City:	Baldwin Park
Affiliation State:	Ca
Affiliation Country:	United States
Affiliation Zip:	91706
Affiliation Phone:	(626) 960-7551
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Environmental Contact
Entity Name:	Erika Greenwell
Entity Title:	Not reported
Affiliation Address:	1501 W. Gladstone St.
Affiliation City:	Azusa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91702
Affiliation Phone:	Not reported

WEBSTERS REFUSE DISPOSAL (Continued) **1000388629**

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	OFT FAMILY CORPORATION
Entity Title:	Not reported
Affiliation Address:	2560 McKay Way
Affiliation City:	Minden
Affiliation State:	NV
Affiliation Country:	United States
Affiliation Zip:	989423
Affiliation Phone:	(714) 745-5316

D47 **CHARLIE'S PRODUCE** **CA CERS HAZ WASTE** **S123500599**
WNW **5301 RIVERGRADE RD** **CA CERS** **N/A**
< 1/8 **IRWINDALE, CA 91706**
0.064 mi.
337 ft. **Site 1 of 6 in cluster D**

Relative:
Higher

Actual:
414 ft.

CERS HAZ WASTE:

Name:	CHARLIE'S PRODUCE
Address:	5301 RIVERGRADE RD
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	130063
CERS ID:	10460056
CERS Description:	Hazardous Chemical Management

Name:	CHARLIE'S PRODUCE
Address:	5301 RIVERGRADE RD
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	130063
CERS ID:	10460056
CERS Description:	Hazardous Waste Generator

CERS:

Name:	CHARLIE'S PRODUCE
Address:	5301 RIVERGRADE RD
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	130063
CERS ID:	10460056
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	130063
Site Name:	Charlie's Produce
Violation Date:	02-13-2020
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 04/23/2021. OBSERVATION: Propane storage area was observed without adequate signs and labels. CORRECTIVE ACTION: Label the propane storage area and provide evidence indicating the area has been adequately labeled. Provide adequate access to the ammonia diffusion tank for
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	130063
Site Name:	Charlie's Produce

CHARLIE'S PRODUCE (Continued) **S123500599**

Violation Date:	01-12-2015
Citation:	19 CCR 4.5 2755.1(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.1(b)
Violation Description:	Failure to ensure that the process is designed in compliance with recognized and generally accepted good engineering practices.
Violation Notes:	Returned to compliance on 02/11/2015. OBSERVATION: The owner/operator failed to ensure that the process is designed in compliance with recognized and generally accepted good engineering practices. For example, the Sullair compressors had Pressure Relief Valves that were manufactured by Hansen Technologies. These PRV had Cat. No. H5601, and the date codes, 05B-12 and 10B-12, fall within the range that make them subjected to recall by the manufacturer. CUPA CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating you have ensured that the process is designed in compliance with recognized and generally accepted good engineering practices. Replace the H601 Hansen Technologies pressure relief valves at the Sullair compressors in accordance to the instructions of Hansen Technologies.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	130063
Site Name:	Charlie's Produce
Violation Date:	01-12-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 02/11/2015. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by November 19, 2013. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	130063
Site Name:	Charlie's Produce
Violation Date:	02-13-2020
Citation:	19 CCR 4.5 2735.6(c) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2735.6(c)
Violation Description:	Failure to document the following when responsibility for implementing individual requirements of 19 CCR 4.5 r is assigned to persons other than the person identified in 19 CCR section 2735.6(b): 1. Names or positions. 2. Lines of authority defined through an organization chart or similar document.
Violation Notes:	Returned to compliance on 02/10/2021. OBSERVATION: The owner/operator of the stationary source failed to document the names or positions and lines of authority defined through an organization chart or similar document when responsibility for implementing individual requirements of 19 CCR 4.5 is assigned to persons other than the qualified person or position who has the overall responsibility for the development, implementation, and integration of the risk management program elements. Organizational chart was not available for review at the

CHARLIE'S PRODUCE (Continued) **S123500599**

time of inspection. CORRECTIVE ACTION: Submit a copy of the organization chart or similar document to the CUPA defining the names or positions and lines of authority of the person(s) responsible for implementing individual requirements of the risk program elements.

Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 04-25-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 07/06/2017. OBSERVATION: The business plan has not been updated and submitted to the CUPA within 30 days of a change of owner from LBA / CPT INDUSTRIAL-COMPANY III, LLC TO LBA REALTY / BPP PAC IND REIT LA REG, which occurred on or about June of 2016, and when the emergency contact changed on or about December of 2015. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS) account number 10460056,
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 01-12-2015
Citation: 19 CCR 4.5 2755.6(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.6(d)
Violation Description: Failure to promptly determine and document an appropriate response to each of the findings of the compliance audit and document that deficiencies have been corrected.
Violation Notes: Returned to compliance on 02/11/2015. OBSERVATION: The owner/operator failed to promptly determine and document an appropriate response to each of the findings of the compliance audit and document that deficiencies have been corrected. CUPA CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating the owner/operator has documented an appropriate response to each of the findings of the compliance audit, including documentation that deficiencies have been corrected.
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 10-04-2013
Citation: 19 CCR 4.5 2745.10.5(a)(2) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2745.10.5(a)(2)

CHARLIE'S PRODUCE (Continued) **S123500599**

Violation Description:	Failure to correct and submit the emergency contact information in the Risk Management Plan required under Section 2740.1(d)(6) within one month of any change
Violation Notes:	Returned to compliance on 11/18/2013. 4. You or your agent did not update emergency contact information in the RMP after a change of ownership resulted in a change of persons who were responsible for attending emergency responders in an unplanned event involving a release of ammonia.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	130063
Site Name:	Charlie's Produce
Violation Date:	02-13-2020
Citation:	19 CCR 4.5 Multiple - California Code of Regulations, Title 19, Chapter 4.5, Section(s) Multiple
Violation Description:	CalARP Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 02/10/2021. The ammonia diffusion tank was installed inside of an approximately 7 feet high secondary containment. The tank was not easily accessible for inspection and maintenance due to a lack of access. No ladder or stairs were leading into the secondary containment area, and the operator often climbs and stand on the water pipe, located on the side of the secondary containment, to conduct their visual inspection. Advised operator to install a proper ladder or stairs to ensure operators can easily access the diffusion tank for inspection and maintenance.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	130063
Site Name:	Charlie's Produce
Violation Date:	10-04-2013
Citation:	19 CCR 4.5 2735.5(a) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2735.5(a)
Violation Description:	Failure of the owner or operator of a stationary source to closely coordinate with the Administering Agency to implement the requirements of this chapter and to determine the appropriate level documentation required for an Risk Management Plan to comply with Sections 2745.3 through 2745.9
Violation Notes:	Returned to compliance on 11/18/2013. New owner did not coordinate with CUPA after receiving RMP from previous owner to determine if changes were needed in RMP
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	130063
Site Name:	Charlie's Produce
Violation Date:	04-25-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 07/06/2017. OBSERVATION: The facility has

CHARLIE'S PRODUCE (Continued) **S123500599**

not annually reviewed and certified that the business plan is complete, accurate, and up-to-date since February 11, 2015. During the walk-through, the following hazardous materials were observed: approximately 8,000 pounds of ammonia, 110 gallons of compressor oil, 55 gallons of used oil, 155 gallons of water treatment chemical at condenser CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS) account number 10460056.

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 02-13-2020
Citation: 19 CCR 4.5 2755.2(e) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(e)
Violation Description: Failure to address the following in the hazard review: 1. Document the results of the hazard review and ensure problems identified are resolved; 2. Complete these actions on a timetable agreed upon with the UPA, or within two and one-half (2.5) years of performing the hazard review, or the next planned turnaround, for those items that require a turnaround; 3. Document the final resolution taken to address each recommendation and actual completion date.
Violation Notes: OBSERVATION: The owner/operator failed to ensure that problems identified in the hazard review were resolved. Record review revealed the following recommendations were not resolved and closed out: 1. 2011 hazard review recommendation tracking record review revealed 3 recommendations (11HR05, 11HR07, 11HR10)from the 2011 hazard review were not resolved and closed out. 2. 2011 seismic assessment recommendation tracking record review revealed one recommendation(11SA01) from the 2011 seismic assessment was not resolved and closed out. 3. 2016 hazard review recommendation tracking record review revealed four recommendations(16HR03, 16HR04, 16HR08, 16HR12) from the 2016 Hazard Review were not resolved and closed out. 4. 2016 hazard review recommendation tracking record review revealed two recommendations (16SA01, 16SA02) from the 2016 seismic assessment were not resolved and closed. These recommendations were initially reported in the 2011 seismic assessment [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 10-09-2015
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description: Failure to maintain a valid permit.
Violation Notes: Returned to compliance on 12/08/2017. OBSERVATION: PE failed to review or properly certify the SPCC Plan for one or more of the requirements. CORRECTIVE ACTION: Submit SPCC that has been reviewed and properly certified by a PE. Verify if facility needs AST permit. Permit is issued if facility has a minimum of 1320 gal of above ground tank to store diesel or gasoline products.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA

CHARLIE'S PRODUCE (Continued) **S123500599**

Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 10-04-2013
Citation: 19 CCR 4.5 2740.1(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2740.1(b)
Violation Description: Failure to complete the registration information required in 2740.1(d) of this section and submit it with the Risk Management Plan to the Administering Agency.
Violation Notes: Returned to compliance on 11/18/2013. Realty Associates Fund V, Limited Partnership and its agent, Wohl Property Group submitted a revalidation of the risk management plan (RMP) in January of 2012 to the unified program agency and gave a copy to LBA Riv-Company XX, LLC on or about December 29, 2011. On or about April 23, 2013, LBA Riv-Company XX, LLC changed its name to LBA/CPT Industrial-Company III, LLC.You or your designated agent did not submit registration for the RMP after a change of ownership resulted in a change of management system for the stationary source at 5301 and 5303 Rivergrade Road, Irwindale, CA 91706.
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 10-04-2013
Citation: 19 CCR 4.5 2745.10(f) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2745.10(f)
Violation Description: Failure to contact the Administering Agency within 30 days of a change of owner or operator to update the registration information.
Violation Notes: Returned to compliance on 11/18/2013. Realty Associates Fund V, Limited Partnership and its agent, Wohl Property Group submitted a revalidation of the risk management plan (RMP) in January of 2012 to the unified program agency and gave a copy to LBA Riv-Company XX, LLC on or about December 29, 2011. On or about April 23, 2013, LBA Riv-Company XX, LLC changed its name to LBA/CPT Industrial-Company III, LLC. 2. You or your designated agent did not notify the unified program agency within thirty days that an ownership change occurred at 5301 and 5303 Rivergrade Road, Irwindale, CA 91706 to determine if changes were required in the RMP.
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 02-13-2020
Citation: 19 CCR 4.5 2755.6(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.6(d)
Violation Description: Failure to: 1. Promptly determine and document an appropriate response to each of the findings of the compliance audit; 2. Enter into an agreement with the UPA on a timetable for resolution of these findings. Otherwise these responses shall be completed one and one-half (1.5) years after performing the compliance audit, or the next planned turnaround for items requiring a turnaround (these timelines shall not apply to any compliance audit completed prior to

CHARLIE'S PRODUCE (Continued) **S123500599**

	January 1, 2015); 3. Document the actual completion dates when deficiencies were corrected.
Violation Notes:	OBSERVATION: The owner/operator failed to promptly address and resolve the recommendations made during the 2015 and 2018 compliance audits. Record review revealed the following: 1. 2015 compliance audit recommendation tracking record review revealed four recommendations (AUD15-02, AUD15-06, AUD15-10, AUD15-12) from the 2015 compliance audit were not resolved and closed out. 2. 2018 compliance audit recommendation tracking record review revealed, eleven recommendations (18AUD#2, #3, #6, #9, #10, #13, #21, #27, #28, #29, #31, #32) from the 2016 compliance audit were not resolved and closed out. CORRECTIVE ACTION: Submit documentation to the UPA demonstrating the owner/operator has documented an appropriate response to each of the findings of the compliance audit including completion dates for deficiencies that have been corrected.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	130063
Site Name:	Charlie's Produce
Violation Date:	02-13-2020
Citation:	19 CCR 4.5 2755.5(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.5(d)
Violation Description:	Failure to perform or cause to be performed inspections and tests on process equipment that: 1. Follow recognized and generally accepted good engineering practices; 2. The frequency of inspections & tests must be consistent with applicable manufacturerG s recommendations, industry standards or codes, good engineering practices and prior operating experience).
Violation Notes:	Returned to compliance on 02/10/2021. OBSERVATION: The owner/operator failed to perform or cause to be performed inspections and tests on process equipment that: follow recognized and generally accepted good engineering practices; the frequency of inspections & tests must be consistent with applicable manufacturerG s recommendations, industry standards or codes, good engineering practices and prior operating experience. Walk-through conducted at the facility revealed the following conditions: 1. Observed corrosion on the ammonia pipes throughout the roof area near the evaporator condenser unit. 2. Ammonia pipes at the air handler units (AU) were observed without ammonia labels. 3. Observed corrosion on the exterior of the ammonia diffusion tank located outside of the engine room. CORRECTIVE ACTION: Maintain ammonia pipes free of corrosion. Label all ammonia pipes near the air handling unit. Provide documentation for the completion to the inspector within 30 days.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	130063
Site Name:	Charlie's Produce
Violation Date:	04-25-2017
Citation:	19 CCR 4.5 2745.10(f) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2745.10(f)
Violation Description:	Failure to contact the Administering Agency within 30 days of a change of owner or operator to update the registration information.
Violation Notes:	Returned to compliance on 01/14/2019. OBSERVATION: The owner/operator

CHARLIE'S PRODUCE (Continued) **S123500599**

of the stationary source failed to complete the registration information required in Section 2740.1(d) and submit it with the Risk Management Plan to the CUPA within 30 days after the ownership changed from LBA/CPT Industrial-Company III, LLC to LBA Realty / BPP PAC IND REIT LA REG and when the name of the emergency contact change on or about December 2015. CORRECTIVE ACTION: Complete and submit a copy of the registration information required in section 2740.1(d) to the CUPA.

Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 01-12-2015
Citation: 19 CCR 4.5 2755.2(f) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(f)
Violation Description: Failure to resolve all issues identified in the hazard review before startup of the changed process.
Violation Notes: Returned to compliance on 02/11/2015. OBSERVATION: The owner/operator failed to document the results of the hazard review and ensure that problems identified are resolved in a timely manner. CUPA CORRECTIVE ACTION: Submit a copy of the results of the hazard review to the CUPA, including documentation demonstrating that problems identified are being resolved in a timely manner.
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 09-16-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/16/2019. OBSERVATION: 3 x 55 gallon of waste oil located in the compressor room was observed without a hazardous waste label. CORRECTIVE ACTION: CORRECTED ON SITE.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 02-13-2020
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 04/23/2021. OBSERVATION: The owner-operator did not conduct an annual drill and employee training as required. No

CHARLIE'S PRODUCE (Continued) **S123500599**

documentation was available for review, to ensure annual drill and employee training were conducted. CORRECTIVE ACTION: Provide all employees with required training that includes: safe handling hazardous materials, emergency response procedures, and proper use of response equipment, and conduct an annual emergency drill. Also, maintain records of training available for 3 years.

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 10-04-2013
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 11/18/2013. 1. The refrigeration process at 5301 and 5303 Rivergrade Road, Irwindale, CA 91706 has reportable quantities of ammonia, used oil, and chemicals used for water treatment at the condenser. The unified program agency has not received a business plan and an inventory of these hazardous materials from you for the refrigeration process.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 10-04-2013
Citation: 19 CCR 4.5 2755.6(e) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.6(e)
Violation Description: Failure to retain the two most recent compliance audit reports.
Violation Notes: Returned to compliance on 11/18/2013. 5. You or your agent did not retain the two most recent compliance audit reports that reveal an evaluation of accuracy of the prevention program two requirements of the RMP. The 2009 compliance audit was available, but there was no report for 2012.
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 10-04-2013
Citation: 19 CCR 4.5 2735.6(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2735.6(b)
Violation Description: Failure to assign a qualified person or position who has the overall responsibility for the development, implementation, and integration of the risk management program elements.
Violation Notes: Returned to compliance on 11/18/2013. The management system comprised of individuals from the previous owner.
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

CHARLIE'S PRODUCE (Continued) **S123500599**

Site ID: 130063
Site Name: Charlie's Produce
Violation Date: 02-13-2020
Citation: 19 CCR 4.5 2755.2(f) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(f)
Violation Description: Failure to update and revalidate the hazard review whenever a major change in the process occurs.
Violation Notes: Returned to compliance on 07/09/2020. OBSERVATION: The owner/operator failed to update and revalidates the hazard review resulting from a major change in the process. In 2018, the operator installed a Mycon compressor (375HP) and a glycol heat exchanger unit in the engine room; however, there was no hazard review study conducted before or after the installation of this equipment. No records were available for review to ensure a hazard review was conducted to ensure the safety of the ammonia system. CORRECTIVE ACTION: Conduct a supplemental hazard review that includes the compressor and the glycol chiller units and provide a copy of the report to the CUPA within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-13-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Manuel Trevino, Warehouse Operations Manager ManuelT@charlesproduce.com
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LISA ZARING, PROPERTY MANAGER
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by Michael Whitehead, HMS III
Eval Division: Los Angeles County Fire Department

CHARLIE'S PRODUCE (Continued) **S123500599**

Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-25-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	LISA ZARING, PROPERTY MANAGER
Eval Division:	Los Angeles County Fire Department
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-04-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspected by Michael Whitehead, HMS III
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-06-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Patti Rocha, Senior Property Manager, consented to the routine inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-14-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-13-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Manuel Trevino, Operations Manager ManuelT@charlesproduce.com
Eval Division:	Los Angeles County Fire Department
Eval Program:	CalARP
Eval Source:	CERS

CHARLIE'S PRODUCE (Continued) **S123500599**

Eval General Type: Other/Unknown
Eval Date: 09-25-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-31-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Patti Rocha, Senior Property Manager, consented to the routine inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-13-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Eric Garcia, Facility Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2015

CHARLIE'S PRODUCE (Continued) **S123500599**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Jameson Nuesse, Alliance industrial Sup.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jameson Nuesse, Alliance Industrial Sup.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-13-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: valid permit on file.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Coordinates:
Site ID: 130063
Facility Name: Charlie's Produce
Env Int Type Code: CalARP
Program ID: 10460056
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.109800
Longitude: -117.969680

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 5301 Rivergrade Rd
Affiliation City: Irwindale
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91706
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District

CHARLIE'S PRODUCE (Continued) **S123500599**

Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Identification Signer
Entity Name:	Manuel Trevino
Entity Title:	Operations Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	LBA/CPT Industrial-Company III, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	SCS Tracer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Charlie's Produce
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 509-1230
Affiliation Type Desc:	Environmental Contact
Entity Name:	Manuel Trevino
Entity Title:	Not reported
Affiliation Address:	5301 Rivergrade Rd
Affiliation City:	Baldwin Park
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91706

CHARLIE'S PRODUCE (Continued) **S123500599**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	BPP Pac Ind
Entity Title:	Not reported
Affiliation Address:	4120 E Jurupa St. Suite 216
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91761
Affiliation Phone:	(626) 509-1230

D48 **AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA)** **CA CERS HAZ WASTE** **S123530755**
WNW **5301A RIVERGRADE RD** **CA CERS** **N/A**
< 1/8 **IRWINDALE, CA 91706**
0.064 mi.
337 ft. **Site 2 of 6 in cluster D**

Relative: Higher
Actual: 414 ft.

CERS HAZ WASTE:

Name:	AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA)
Address:	5301A RIVERGRADE RD
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	513329
CERS ID:	10781101
CERS Description:	Hazardous Waste Generator

CERS:

Name:	AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA)
Address:	5301A RIVERGRADE RD
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	513329
CERS ID:	10781101
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	513329
Site Name:	AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA)
Violation Date:	09-19-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 01/10/2019. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	513329
Site Name:	AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA)
Violation Date:	09-19-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22,

AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA) (Continued) **S123530755**

	Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/10/2019. OBSERVATION: Used oil and waste coolant drums located in the waste storage shed were observed without the following information on the label: Business Name/Address and EPA ID. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the containers listed above have been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	513329
Site Name:	AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA)
Violation Date:	09-19-2018
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 04/30/2019. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Reportable Hazardous Materials: propane, motor oil, waste coolant, used oil, used oil filters CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	513329
Site Name:	AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA)
Violation Date:	09-19-2018
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 02/05/2019. OBSERVATION: Owner/Operator failed to submit the hazardous waste notification electronically to CERS. CORRECTIVE ACTION: Owner/Operator shall submit a notification of hazardous waste generated by the facility in accordance with HSC 25158 electronically to CERS. HSC 25404(e)(4) No later than three years after the statewide information management system is established, each CUPA, PA, and regulated business shall report program data electronically. The secretary shall work with the CUPAs to develop a phased in schedule for the electronic collection and submittal of information to be included in the statewide information management system, giving first priority to information relating to those chemicals determined by the secretary to be of greatest concern. The secretary, in making this determination shall consult with the CUPAs, the California Emergency Management Agency, the State Fire Marshal, and the boards, departments, and offices within the California

AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA) (Continued) **S123530755**

[Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 513329
Site Name: AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA)
Violation Date: 09-19-2018
Citation: Un-Specified
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance
Violation Notes: Returned to compliance on 09/19/2018. OBSERVATION: Owner/Operator failed to obtain or maintain an active permit. CORRECTIVE ACTION: Every business or business concern within the jurisdiction of the LACoCUPA and subject to one or more of the program elements shall be required to apply for, pay the permit fees, and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. The permit required under this section shall be posted and conspicuously displayed at the location falling under the requirements of this chapter. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 513329
Site Name: AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA)
Violation Date: 09-19-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 01/10/2019. OBSERVATION: Two drums each previously contained motor oil and antifreeze were not managed properly. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA) (Continued) **S123530755**

Eval General Type: Other/Unknown
Eval Date: 01-31-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2nd revisit, met with Robert Reyes; he said VP of company quit and left him in charge of CERS compliance but he was not fully trained; he would work and complete HMBP on 2/1/19 and notify CUPA; follow up required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Robert Reyes, Mechanic
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Reyes, Maintenance Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Robert Reyes, Maintenance Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 1st revisit, met with Johnny Galvin; HW drums labeled; empty drums used for HW; EPA ID obtained; HW notification not submitted; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-24-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Message received from Robert Reyes "working on CERS, unable to complete propane info and questionnaire"; email sent to Mr. Reyes a list of HM and conversion numbers and CERS Helpline; he said he would

AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA) (Continued) **S123530755**

complete by next week; follow up
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Robert Reyes, Mechanic
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: CHAMPION LOGISTICS CORP
Entity Title: Not reported
Affiliation Address: 5301A Rivergrade rd
Affiliation City: Irwindale
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91706
Affiliation Phone: (562) 236-2250

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 5301A rivergrade rd

AP EXPRESS/CHAMPION LOGISTICS (IRWINDALE,CA) (Continued) **S123530755**

Affiliation City:	Irwindale
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91706
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	CHAMPION LOGISTICS GROUP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	WORLD OIL ENVIROMENTAL
Entity Title:	Not reported
Affiliation Address:	1300 S. SANTA FE
Affiliation City:	COMPTON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90221
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	ROBERT REYES
Entity Title:	MAINTANCE SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	ROBERT REYES
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 652-9414
Affiliation Type Desc:	Document Preparer
Entity Name:	Robert Reyes
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

D49 LOS ANGELES REGIONAL DISTRIBUTION CENTER **RCRA NonGen / NLR** **1025871198**
WNW 5301 RIVERGRADE RD **CAL000444310**
< 1/8 IRWINDALE, CA 91706
0.064 mi.
337 ft. **Site 3 of 6 in cluster D**

Relative: **Higher**

Actual: **414 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20190313
Handler Name:	LOS ANGELES REGIONAL DISTRIBUTION CENTER
Handler Address:	5301 RIVERGRADE RD
Handler City,State,Zip:	IRWINDALE, CA 91706
EPA ID:	CAL000444310
Contact Name:	MIKE TURNER
Contact Address:	5301 RIVERGRADE RD
Contact City,State,Zip:	IRWINDALE, CA 91706
Contact Telephone:	206-489-6233
Contact Fax:	626-509-1231
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5301 RIVERGRADE RD
Mailing City,State,Zip:	IRWINDALE, CA 91706
Owner Name:	TRIPLE B CORP DBA CHARLIES PRODUCE
Owner Type:	Other
Operator Name:	MIKE TURNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

LOS ANGELES REGIONAL DISTRIBUTION CENTER (Continued) **1025871198**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE TURNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5301 RIVERGRADE RD
Owner/Operator City,State,Zip:	IRWINDALE, CA 91706
Owner/Operator Telephone:	206-489-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIPLE B CORP DBA CHARLIES PRODUCE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4103 2ND AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-625-1412
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LOS ANGELES REGIONAL DISTRIBUTION CENTER (Continued) **1025871198**

Historic Generators:
Receive Date: 20190313
Handler Name: LOS ANGELES REGIONAL DISTRIBUTION CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 493120
NAICS Description: REFRIGERATED WAREHOUSING AND STORAGE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D50 **AP EXPRESSION CHAMPION LOGISTICS CORP** **RCRA NonGen / NLR** **1024872268**
WNW **5301A RIVERGRADE RD** **CAL000440915**
< 1/8 **IRWINDALE, CA 91706**
0.064 mi.
337 ft. **Site 4 of 6 in cluster D**

Relative: **Higher**
Actual: **414 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20181120
Handler Name: AP EXPRESSION CHAMPION LOGISTICS CORP
Handler Address: 5301A RIVERGRADE RD
Handler City,State,Zip: IRWINDALE, CA 91706
EPA ID: CAL000440915
Contact Name: MATHEW CASS
Contact Address: 5301A RIVERGRADE RD
Contact City,State,Zip: IRWINDALE, CA 91706
Contact Telephone: 562-236-2250
Contact Fax: Not reported
Contact Email: MCASS@APEXPRESSFREIGHT.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 5301A RIVERGRADE RD
Mailing City,State,Zip: IRWINDALE, CA 91706
Owner Name: JEFF POINT

AP EXPRESSION CHAMPION LOGISTICS CORP (Continued) **1024872268**

Owner Type:	Other
Operator Name:	MATHEW CASS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181220
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

AP EXPRESSION CHAMPION LOGISTICS CORP (Continued) **1024872268**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MATHEW CASS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5301A RIVERGRADE RD
Owner/Operator City,State,Zip:	IRWINDALE, CA 91706
Owner/Operator Telephone:	562-236-2250
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JEFF POINT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5301A RIVERGRADE RD
Owner/Operator City,State,Zip:	IRWINDALE, CA 91706
Owner/Operator Telephone:	562-236-2250
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181120
Handler Name:	AP EXPRESSION CHAMPION LOGISTICS CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C51
WSW
< 1/8
0.081 mi.
429 ft.

B AND W PRECISION INC
13955 LIVE OAK AVE
IRWINDALE, CA 91706

Site 10 of 12 in cluster C

RCRA-SQG **1001492833**
FINDS **CAR000055426**
ECHO
CA HAZNET
CA HWTS

Relative:
Lower

Actual:
410 ft.

RCRA-SQG:

Date Form Received by Agency:		19990811
Handler Name:	B AND W PRECISION INC	
Handler Address:		13955 LIVE OAK AVE
Handler City,State,Zip:		IRWINDALE, CA 91706
EPA ID:		CAR000055426
Contact Name:		LARRY TIPTON
Contact Address:		13955 LIVE OAK AVE
Contact City,State,Zip:		IRWINDALE, CA 91706
Contact Telephone:		626-337-1120
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		13955 LIVE OAK AVE
Mailing City,State,Zip:		IRWINDALE, CA 91706
Owner Name:		LARRY E TIPTON
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		—
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

B AND W PRECISION INC (Continued) **1001492833**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LARRY E TIPTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13955 LIVE OAK AVE
Owner/Operator City,State,Zip:	IRWINDALE, CA 91706
Owner/Operator Telephone:	626-337-1120
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990811
Handler Name: B AND W PRECISION INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

B AND W PRECISION INC (Continued) **1001492833**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002929369

Click Here:

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.

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

ECHO:
Envid: 1001492833
Registry ID: 110002929369
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002929369
Name: B AND W PRECISION INC
Address: 13955 LIVE OAK AVE
City,State,Zip: IRWINDALE, CA 91706

HAZNET:
Name: B AND W PRECISION INC
Address: 13955 LIVE OAK AVE
Address 2: Not reported
City,State,Zip: IRWINDALE, CA 917060000
Contact: LARRY E TIPTON
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 1260-A PIONEER ST

Year: 2006

B AND W PRECISION INC (Continued) **1001492833**

Gepaid: CAR000055426
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 0.748

Year: 2006
Gepaid: CAR000055426
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.1

Year: 2006
Gepaid: CAR000055426
TSD EPA ID: NVT330010000
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: D99 - Disposal, Other
Tons: 0.187

Year: 2006
Gepaid: CAR000055426
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.35

Year: 2006
Gepaid: CAR000055426
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: R01 - Recycler
Tons: 4.81635

Year: 2006
Gepaid: CAR000055426
TSD EPA ID: NVT330010000
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: D80 - Disposal, Land Fill
Tons: 1.122

Year: 2006
Gepaid: CAR000055426
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.418

Year: 2005
Gepaid: CAR000055426
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.1251

Year: 2004
Gepaid: CAR000055426

B AND W PRECISION INC (Continued) **1001492833**

TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.70473

Year: 2004
Gepaid: CAR000055426
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: R01 - Recycler
Tons: 0.68805

Click this hyperlink while viewing on your computer to access
20 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2002
Gen EPA ID: CAR000055426

Shipment Date: 20021217
Creation Date: 4/2/2003 18:31:15
Receipt Date: 20021218
Manifest ID: 22200192
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.21267
Waste Quantity: 51
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021001
Creation Date: 2/11/2003 18:31:24
Receipt Date: 20021003
Manifest ID: 21939379
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l

B AND W PRECISION INC (Continued) **1001492833**

RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.15846
Waste Quantity:	38
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020725
Creation Date:	1/31/2003 15:02:08
Receipt Date:	20020808
Manifest ID:	21926974
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020725
Creation Date:	1/31/2003 15:02:08
Receipt Date:	20020808
Manifest ID:	21926974
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

B AND W PRECISION INC (Continued) **1001492833**

Additional Code 5:	Not reported
Shipment Date:	20020725
Creation Date:	3/13/2003 18:31:17
Receipt Date:	20020729
Manifest ID:	21926973
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.748
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020710
Creation Date:	9/3/2002 18:32:13
Receipt Date:	20020716
Manifest ID:	21737689
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.23769
Waste Quantity:	57
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020416
Creation Date:	1/8/2003 18:31:12
Receipt Date:	20020423
Manifest ID:	21584478
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

B AND W PRECISION INC (Continued) **1001492833**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.15846
Waste Quantity:	38
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020218
Creation Date:	7/25/2002 18:31:24
Receipt Date:	20020221
Manifest ID:	21523689
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.561
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020218
Creation Date:	7/25/2002 18:31:24
Receipt Date:	20020221
Manifest ID:	21523689
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.561

B AND W PRECISION INC (Continued) **1001492833**

Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020218
Creation Date: 7/22/2002 18:31:22
Receipt Date: 20020301
Manifest ID: 21523690
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAR000055426

Shipment Date: 20060426
Creation Date: 7/29/2006 18:33:20
Receipt Date: 20060502
Manifest ID: 25190560
Trans EPA ID: CA0000970392
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: CAR000148197
Trans 2 Name: IMERY TRANSPORTATION
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

B AND W PRECISION INC (Continued) **1001492833**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060426
Creation Date:	7/29/2006 18:33:20
Receipt Date:	20060502
Manifest ID:	25190560
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000148197
Trans 2 Name:	IMERY TRANSPORTATION
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060426
Creation Date:	8/10/2006 18:36:07
Receipt Date:	20060501
Manifest ID:	25190559
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060426
Creation Date:	8/10/2006 18:36:07
Receipt Date:	20060501
Manifest ID:	25190559
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC

B AND W PRECISION INC (Continued) **1001492833**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060426
Creation Date:	8/10/2006 18:36:07
Receipt Date:	20060501
Manifest ID:	25190559
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	4.35765
Waste Quantity:	1045
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060310
Creation Date:	7/27/2006 18:32:43
Receipt Date:	20060316
Manifest ID:	25112317
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler

B AND W PRECISION INC (Continued) **1001492833**

Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060310
Creation Date:	7/27/2006 18:32:43
Receipt Date:	20060316
Manifest ID:	25112317
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060310
Creation Date:	7/5/2006 12:04:51
Receipt Date:	20060316
Manifest ID:	25112318
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

B AND W PRECISION INC (Continued) **1001492833**

Shipment Date:	20060310
Creation Date:	7/5/2006 12:04:51
Receipt Date:	20060316
Manifest ID:	25112318
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1.122
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060310
Creation Date:	7/27/2006 18:32:43
Receipt Date:	20060316
Manifest ID:	25112317
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAR000055426

Shipment Date:	20041215
Creation Date:	3/13/2007 18:30:13
Receipt Date:	20041222
Manifest ID:	23652997
Trans EPA ID:	TXR000050930

B AND W PRECISION INC (Continued) **1001492833**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.18765
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040927
Creation Date:	12/21/2004 18:30:50
Receipt Date:	20041004
Manifest ID:	23707000
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040708
Creation Date:	1/6/2005 9:07:07
Receipt Date:	20040715
Manifest ID:	23510366
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001

B AND W PRECISION INC (Continued) **1001492833**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040621
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040623
Manifest ID:	23830960
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040621
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040630
Manifest ID:	23830959
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

B AND W PRECISION INC (Continued) **1001492833**

Shipment Date:	20040621
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040623
Manifest ID:	23830960
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.748
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040415
Creation Date:	10/15/2004 10:46:40
Receipt Date:	20040421
Manifest ID:	23473942
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040127
Creation Date:	11/18/2004 8:25:56
Receipt Date:	20040204
Manifest ID:	22585487
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976

B AND W PRECISION INC (Continued) **1001492833**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.14178
Waste Quantity:	34
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAR000055426
Shipment Date:	20011030
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011102
Manifest ID:	21375758
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1125
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010809
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010809
Manifest ID:	21112028
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001

B AND W PRECISION INC (Continued) **1001492833**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010717
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010719
Manifest ID:	21041333
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.8
Waste Quantity:	1600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010717
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010726
Manifest ID:	21041332
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

B AND W PRECISION INC (Continued) **1001492833**

Shipment Date:	20010717
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010726
Manifest ID:	21041332
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010518
Creation Date:	7/20/2001 0:00:00
Receipt Date:	20010522
Manifest ID:	20643847
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2126
Waste Quantity:	51
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010221
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010226
Manifest ID:	20360565
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976

B AND W PRECISION INC (Continued) **1001492833**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAR000055426
Shipment Date:	20050308
Creation Date:	6/2/2005 18:30:59
Receipt Date:	20050315
Manifest ID:	23661696
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAR000055426
Shipment Date:	20001215
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	99644197
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

B AND W PRECISION INC (Continued) **1001492833**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001215
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001223
Manifest ID:	20883908
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.6
Waste Quantity:	3200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001215
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	99644197
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G

B AND W PRECISION INC (Continued) **1001492833**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001130
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001201
Manifest ID:	20522981
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000713
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000720
Manifest ID:	20140229
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000713
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000720

B AND W PRECISION INC (Continued) **1001492833**

Manifest ID:	20140228
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.816
Waste Quantity:	240
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000713
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000720
Manifest ID:	20140229
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000114
Creation Date:	4/4/2000 0:00:00
Receipt Date:	20000119
Manifest ID:	99788396
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported

B AND W PRECISION INC (Continued) **1001492833**

Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000114
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000121
Manifest ID:	99788358
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000114
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000121
Manifest ID:	99788358
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

B AND W PRECISION INC (Continued) **1001492833**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAR000055426

Shipment Date: 20031107
Creation Date: 8/9/2004 8:46:56
Receipt Date: 20031114
Manifest ID: 23304531
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613976
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0834
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030819
Creation Date: 7/28/2004 10:48:03
Receipt Date: 20030822
Manifest ID: 22883008
Trans EPA ID: TXR000050930
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613976
TSDF Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.10425
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030530
Creation Date: 6/22/2004 9:47:57

B AND W PRECISION INC (Continued) **1001492833**

Receipt Date:	20030603
Manifest ID:	22376240
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.07923
Waste Quantity:	19
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030417
Creation Date:	8/29/2003 18:31:02
Receipt Date:	20030422
Manifest ID:	22357111
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030417
Creation Date:	8/29/2003 18:31:02
Receipt Date:	20030422
Manifest ID:	22357111
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352

B AND W PRECISION INC (Continued) **1001492833**

TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030417
Creation Date:	6/23/2004 9:59:25
Receipt Date:	20030421
Manifest ID:	22357112
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.683
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030310
Creation Date:	3/16/2007 18:30:32
Receipt Date:	20030312
Manifest ID:	22441810
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

B AND W PRECISION INC (Continued) **1001492833**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: B AND W PRECISION INC
Address: 13955 LIVE OAK AVE
Address 2: Not reported
City,State,Zip: IRWINDALE, CA 917060000
EPA ID: CAR000055426
Inactive Date: 05/22/2006
Create Date: 04/26/2000
Last Act Date: 10/15/2007
Mailing Name: Not reported
Mailing Address: 1260-A PIONEER ST
Mailing Address 2: Not reported
Mailing City,State,Zip: BREA, CA 928210000
Owner Name: LARRY E TIPTON
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: 99
Contact Name: LARRY E TIPTON
Contact Address: Not reported
Contact Address 2: Not reported
City,State,Zip: 99 999990000

NAICS:
EPA ID: CAR000055426
Create Date: 2004-10-20 10:23:57.043
NAICS Code: 332999
NAICS Description: All Other Miscellaneous Fabricated Metal Product Manufacturing
Issued EPA ID Date: 2000-04-26 00:00:00
Inactive Date: 2006-05-22 00:00:00
Facility Name: B AND W PRECISION INC
Facility Address: 13955 LIVE OAK AVE
Facility Address 2: Not reported
Facility City: IRWINDALE
Facility County: Not reported
Facility State: CA
Facility Zip: 917060000

EPA ID: CAR000055426
Create Date: 2004-10-20 10:23:57.043
NAICS Code: 332999
NAICS Description: All Other Miscellaneous Fabricated Metal Product Manufacturing
Issued EPA ID Date: 2000-04-26 00:00:00
Inactive Date: 2006-05-22 00:00:00
Facility Name: B AND W PRECISION INC
Facility Address: 13955 LIVE OAK AVE
Facility Address 2: Not reported
Facility City: IRWINDALE
Facility County: Not reported
Facility State: CA
Facility Zip: 917060000

52
East
< 1/8
0.090 mi.
476 ft.

IRWINDALE MRF AND TRANSFER STATION
2200 ARROW HIGHWAY
IRWINDALE, CA 91706

CA SWF/LF **S117347572**
CA CERS **N/A**

Relative:
Higher

Actual:
420 ft.

SWF/LF (SWIS):

Name:	IRWINDALE MRF AND TRANSFER STATION
Address:	2200 ARROW HIGHWAY
City,State,Zip:	IRWINDALE, CA 91706
Region:	STATE
Facility ID:	19-AA-1135
SWIS Number:	19-AA-1135
Point of Contact:	Nai Teurn
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Planned
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Los Angeles
Local Government:	Irwindale
Reporting Agency Legal Name:	County of Los Angeles
Reporting Agency Department:	Department of Public Health
Enforcing Agency Legal Name:	County of Los Angeles
Enforcing Agency Department:	Department of Public Health
Regulation Status:	Proposed

Activity:

SWIS Number:	19-AA-1135
Site Name:	Irwindale MRF and Transfer Station
Activity:	Large Volume Transfer/Processing Facility
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	None
Throughput:	Not reported
Throughput Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	Not reported
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Nai Teurn
Site Operational Status:	Planned
Site Regulatory Status:	Proposed
Site Is Archived:	No

IRWINDALE MRF AND TRANSFER STATION (Continued) **S117347572**

Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	Los Angeles
ARB District:	South Coast
SWRCB Region:	Los Angeles
Local Government:	Irwindale
Street Address:	2200 Arrow Highway
City:	Irwindale
State:	CA
ZIP Code:	91706
Reporting Agency Legal Name:	County of Los Angeles
Reporting Agency Department:	Department of Public Health
Enforcing Agency Legal Name:	County of Los Angeles
Enforcing Agency Department:	Department of Public Health

Operator:

SWIS Number:	19-AA-1135
Site Name:	Irwindale MRF and Transfer Station
Site Operational Status:	Planned
Site Type:	Non-Disposal Only
Site Regulatory Status:	Proposed
Latitude:	34.10773
Longitude:	-117.96615
Is Archived:	No
Operator:	Athens Services
Started On:	6/21/2018
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	gloughnane@athensservices.com
Contact Phone:	(626) 336-3636
Street Address:	P.O. Box 60009
Operator City:	City of Industry
Operator State:	CA
Operator Zip:	91716

Owner:

SWIS Number:	19-AA-1135
Owner:	Irwindale Redevelopment Agency
Owner Address:	P.O. Box 60009
Owner City:	City of Industry
Owner State:	CA
Owner Zip:	91716
Site Name:	Irwindale MRF and Transfer Station
Site Operational Status:	Planned
Site Type:	Non-Disposal Only
Site Regulatory Status:	Proposed
Latitude:	34.10773
Longitude:	-117.96615
Is Archived:	No
Started On:	6/21/2018
Contact Name:	Not reported

IRWINDALE MRF AND TRANSFER STATION (Continued) **S117347572**

Contact Title: Not reported
Contact Email: Not reported
Contact Phone: (626) 336-3636

Waste:
SWIS Number: 19-AA-1135
Site Name: Irwindale MRF and Transfer Station
Activity: Large Volume Transfer/Processing Facility
Waste Type: Construction/demolition
Site Is Archived: No
Site Operational Status: Planned
Site Regulatory Status: Proposed
Site Type: Non-Disposal Only
Point of Contact: Nai Teurn
Activity Is Archived: No
Activity Operational Status: Planned
Activity Regulatory Status: Proposed
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Facility

SWIS Number: 19-AA-1135
Site Name: Irwindale MRF and Transfer Station
Activity: Large Volume Transfer/Processing Facility
Waste Type: Green Materials
Site Is Archived: No
Site Operational Status: Planned
Site Regulatory Status: Proposed
Site Type: Non-Disposal Only
Point of Contact: Nai Teurn
Activity Is Archived: No
Activity Operational Status: Planned
Activity Regulatory Status: Proposed
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Facility

SWIS Number: 19-AA-1135
Site Name: Irwindale MRF and Transfer Station
Activity: Large Volume Transfer/Processing Facility
Waste Type: Mixed municipal
Site Is Archived: No
Site Operational Status: Planned
Site Regulatory Status: Proposed
Site Type: Non-Disposal Only
Point of Contact: Nai Teurn
Activity Is Archived: No
Activity Operational Status: Planned
Activity Regulatory Status: Proposed
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Facility

CERS:
Name: IRWINDALE MRF AND TRANSFER STATION
Address: 2200 ARROW HIGHWAY
City,State,Zip: IRWINDALE, CA
Site ID: 509408

IRWINDALE MRF AND TRANSFER STATION (Continued) **S117347572**

CERS ID: 19-AA-1135
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Irwindale Redevelopment Agency
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: City of Industry
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91716
Affiliation Phone: 6263363636

Affiliation Type Desc: Legal Operator
Entity Name: Athens Services
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: City of Industry
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91716
Affiliation Phone: 6263363636

C53 **WASTE MANAGEMENT - SAN GABRIEL** **CA LOS ANGELES CO LF METHANE** **S127128132**
WSW **N/A**
< 1/8 **, CA**
0.099 mi.
522 ft. **Site 11 of 12 in cluster C**

Relative: LOS ANGELES CO LF METHANE:
Lower Name: WASTE MANAGEMENT - SAN GABRIEL
Actual: Address: Not reported
408 ft. City,State,Zip: CA
Site Number: 232
Status: Not reported
Description: Not reported
Operator Name: Not reported
Operator Telephone: Not reported
Sup District: 1
Shape Length: 313.76071619
Shape Area: 7814.1701012
Latitude: 34.106679377
Longitude: -117.9709593

C54 **WASTE MANAGEMENT. SAN GABRIEL POMONA - FRANCHISE** **CA LOS ANGELES CO LF METHANE** **S127127866**
WSW **N/A**
< 1/8 **, CA**
0.099 mi.
522 ft. **Site 12 of 12 in cluster C**

Relative: LOS ANGELES CO LF METHANE:
Lower Name: WASTE MANAGEMENT. SAN GABRIEL POMONA - FRANCHISE
Actual: Address: Not reported
408 ft. City,State,Zip: CA
Site Number: 1144

WASTE MANAGEMENT. SAN GABRIEL POMONA - FRANCHISE (Continued) **S127127866**

Status:	Not reported
Description:	Not reported
Operator Name:	Not reported
Operator Telephone:	Not reported
Sup District:	1
Shape Length:	313.76071619
Shape Area:	7814.1701012
Latitude:	34.106679377
Longitude:	-117.9709593

D55 **THE REALTY ASSOCIATES FUND VLP** **CA LUST** **S106915990**
WNW **5305 NORTH RIVERGRADE RD** **CA Cortese** **N/A**
< 1/8 **IRWINDALE, CA 91706** **CA CERS**
0.111 mi.
586 ft. **Site 5 of 6 in cluster D**

Relative: **Lower**
Actual: **412 ft.**

LUST:

Name:	THE REALTY ASSOCIATES FUND VLP
Address:	5305 NORTH RIVERGRADE RD
City,State,Zip:	IRWINDALE, CA 91706
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603752450
Global Id:	T0603752450
Latitude:	34.1096829
Longitude:	-117.969683
Status:	Completed - Case Closed
Status Date:	03/05/2007
Case Worker:	Not reported
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	ll413068
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603752450
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603752450
Action Type:	Other
Date:	11/03/2003
Action:	Leak Discovery

Global Id:	T0603752450
Action Type:	Other
Date:	11/17/2003
Action:	Leak Reported

THE REALTY ASSOCIATES FUND VLP (Continued) **S106915990**

LUST:

Global Id:	T0603752450
Status:	Open - Case Begin Date
Status Date:	07/23/2003
Global Id:	T0603752450
Status:	Open - Site Assessment
Status Date:	11/03/2003
Global Id:	T0603752450
Status:	Open - Site Assessment
Status Date:	04/05/2005
Global Id:	T0603752450
Status:	Open - Site Assessment
Status Date:	03/31/2006
Global Id:	T0603752450
Status:	Completed - Case Closed
Status Date:	03/05/2007

CORTESE:

Name:	THE REALTY ASSOCIATES FUND VLP
Address:	5305 NORTH RIVERGRADE RD
City,State,Zip:	IRWINDALE, CA 91706
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603752450
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	THE REALTY ASSOCIATES FUND VLP
Address:	5305 NORTH RIVERGRADE RD
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	249411
CERS ID:	T0603752450
CERS Description:	Leaking Underground Storage Tank Cleanup Site

THE REALTY ASSOCIATES FUND VLP (Continued) **S106915990**

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

D56 **APEX** **RCRA-LQG** **1025882714**
WNW **5305 RIVERGRADE RD** **CAR000297044**
< 1/8 **BALDWIN PARK, CA 91706**
0.111 mi.
586 ft. **Site 6 of 6 in cluster D**

Relative: **Lower**

Actual: **412 ft.**

RCRA-LQG:

Date Form Received by Agency:		20190628
Handler Name:	APEX	
Handler Address:		5305 RIVERGRADE RD
Handler City,State,Zip:		BALDWIN PARK, CA 91706
EPA ID:		CAR000297044
Contact Name:		JIM MITCHELL
Contact Address:		RIVERGRADE RD.
Contact City,State,Zip:		IRWINDALE, CA 91706
Contact Telephone:		330-998-4030
Contact Fax:		Not reported
Contact Email:		JMITCHELL@TCPI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		County
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		CAMPUS DR.
Mailing City,State,Zip:		.AURORA, OH 44202
Owner Name:		TCPI
Owner Type:		County
Operator Name:		TCPI
Operator Type:		County
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No

APEX (Continued) **1025882714**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TCPI
Legal Status:	County
Date Became Current:	Not reported
Date Ended Current:	Not reported

APEX (Continued) **1025882714**

Owner/Operator Address: 325 CAMPUS DR
Owner/Operator City,State,Zip: AURORAAURORA, OH 44202
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TCPI
Legal Status: County
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 325 CAMPUS DR.
Owner/Operator City,State,Zip: AURORA, OH 44202
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190628
Handler Name: APEX
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 335129
NAICS Description: OTHER LIGHTING EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E57 **ELAINE'S CONTRACTING** **CA WIP** **S106766899**
NE **14254 ARROW HWY** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.129 mi.
683 ft. **Site 1 of 2 in cluster E**

Relative:
Higher

Actual:
427 ft.

WIP:
Name: ELAINE'S CONTRACTING
Address: 14254 Arrow Hwy
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1043

ELAINE'S CONTRACTING (Continued) **S106766899**

File Status: **Historical**
Staff: RSK
Facility Suite: Not reported

E58 **TRANSMISSION PETE** **RCRA-SQG** **1000320246**
NE **1667 ARROW HWY** **FINDS** **CAD982410433**
1/8-1/4 **AZUSA, CA 91702** **ECHO**
0.133 mi. **CA HAZNET**
701 ft. **Site 2 of 2 in cluster E** **CA HWTS**

Relative: **Higher**
Actual: **429 ft.**

RCRA-SQG:

Date Form Received by Agency:		19880325
Handler Name:	TRANSMISSION PETE	
Handler Address:		1667 ARROW HWY
Handler City,State,Zip:		AZUSA, CA 91702
EPA ID:		CAD982410433
Contact Name:		ENVIRONMENTAL MGR
Contact Address:		16677 ARROW HWY
Contact City,State,Zip:		AZUSA, CA 91702
Contact Telephone:		818-334-8514
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		16677 ARROW HWY
Mailing City,State,Zip:		AZUSA, CA 91702
Owner Name:		PETE LOPEZ
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		—
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported

TRANSMISSION PETE (Continued) **1000320246**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOPEZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999

TRANSMISSION PETE (Continued) **1000320246**

Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19880325
Handler Name: TRANSMISSION PETE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002806848

Click Here:

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: 1000320246
Registry ID: 110002806848
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002806848
Name: TRANSMISSION PETE
Address: 1667 ARROW HWY
City,State,Zip: AZUSA, CA 91702

HAZNET:
Name: TRANSMISSION PETE

TRANSMISSION PETE (Continued) **1000320246**

Address:	1667 ARROW HWY
Address 2:	Not reported
City,State,Zip:	AZUSA, CA 917020000
Contact:	–
Telephone:	–
Mailing Name:	Not reported
Mailing Address:	16677 E ARROW HWY
Year:	2012
Gepaid:	CAD982410433
TSD EPA ID:	CAT000613893
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.168
Year:	2006
Gepaid:	CAD982410433
TSD EPA ID:	CAT000613893
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.336
Year:	2002
Gepaid:	CAD982410433
TSD EPA ID:	CAT000613893
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.105
Year:	2001
Gepaid:	CAD982410433
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	R01 - Recycler
Tons:	3.2317
Year:	2000
Gepaid:	CAD982410433
TSD EPA ID:	CAT000613893
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.105
Year:	1999
Gepaid:	CAD982410433
TSD EPA ID:	CAT000613893
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.7728
Year:	1998

TRANSMISSION PETE (Continued) **1000320246**

Gepaid: CAD982410433
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.3961

Year: 1991
Gepaid: CAD982410433
TSD EPA ID: CAD981458466
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: 01 -
Tons: 0.3544

Year: 1991
Gepaid: CAD982410433
TSD EPA ID: CAD981458466
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: -
Tons: 0.8339

Year: 1991
Gepaid: CAD982410433
TSD EPA ID: CAT080025711
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: -
Tons: 0.3127

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2006
Gen EPA ID: CAD982410433

Shipment Date: 20060706
Creation Date: 9/8/2006 18:31:20
Receipt Date: 20060706
Manifest ID: 25026518
Trans EPA ID: TXR000050930
Trans Name: SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

TRANSMISSION PETE (Continued) **1000320246**

Additional Code 5:	Not reported
Shipment Date:	20060201
Creation Date:	5/5/2006 18:31:14
Receipt Date:	20060201
Manifest ID:	24365852
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD982410433
Shipment Date:	19980331
Creation Date:	6/16/1998 0:00:00
Receipt Date:	19980406
Manifest ID:	97238349
Trans EPA ID:	CAL000027707
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.3961
Waste Quantity:	95
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001

TRANSMISSION PETE (Continued) **1000320246**

Gen EPA ID: CAD982410433

Shipment Date: 20010502
Creation Date: 7/10/2001 0:00:00
Receipt Date: 20010502
Manifest ID: 20347941
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 3.2317
Waste Quantity: 775
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2000
Gen EPA ID: CAD982410433

Shipment Date: 20000602
Creation Date: 7/12/2000 0:00:00
Receipt Date: 20000602
Manifest ID: 20007394
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002

TRANSMISSION PETE (Continued) **1000320246**

Gen EPA ID: CAD982410433

Shipment Date: 20020220
Creation Date: 6/28/2002 18:31:15
Receipt Date: 20020221
Manifest ID: 21504665
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAD982410433

Shipment Date: 19991214
Creation Date: 2/1/2000 0:00:00
Receipt Date: 19991214
Manifest ID: 99531970
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0714
Waste Quantity: 17
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991206
Creation Date: 1/19/2000 0:00:00
Receipt Date: 19991206

TRANSMISSION PETE (Continued) **1000320246**

Manifest ID:	99531378
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991012
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19991012
Manifest ID:	99513410
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990628
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990628
Manifest ID:	99236340
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

TRANSMISSION PETE (Continued) **1000320246**

Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0672
Waste Quantity:	16
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990202
Creation Date:	3/17/1999 0:00:00
Receipt Date:	19990202
Manifest ID:	98634909
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0714
Waste Quantity:	17
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990104
Creation Date:	2/26/1999 0:00:00
Receipt Date:	19990104
Manifest ID:	98624910
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0588
Waste Quantity:	14
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

TRANSMISSION PETE (Continued) **1000320246**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAD982410433

Shipment Date: 20120612
Creation Date: 5/31/2013 22:15:05
Receipt Date: 20120614
Manifest ID: 003278639SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: TRANSMISSION PETE
Address: 1667 ARROW HWY
Address 2: Not reported
City,State,Zip: AZUSA, CA 917020000
EPA ID: CAD982410433
Inactive Date: 06/30/1998
Create Date: 06/17/1988
Last Act Date: 03/18/2008
Mailing Name: Not reported
Mailing Address: 16677 E ARROW HWY
Mailing Address 2: Not reported
Mailing City,State,Zip: AZUSA, CA 917025103
Owner Name: –
Owner Address: –
Owner Address 2: Not reported
Owner City,State,Zip: –, 99 --
Contact Name: –
Contact Address: INACT PER 98VQ FINAL NOTICE
Contact Address 2: - BATCH 4/27
City,State,Zip: –, 99 --

F59 **ELIZABETH HERRERA** **RCRA NonGen / NLR** **1026711189**
SSE **14112 JOANBRIDGE ST** **CAC003099355**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.137 mi.
722 ft. **Site 1 of 2 in cluster F**

Relative: **Lower**

Actual: **409 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20210104
Handler Name:	ELIZABETH HERRERA	
Handler Address:		14112 JOANBRIDGE ST
Handler City,State,Zip:		BALDWIN PARK, CA 91706
EPA ID:		CAC003099355
Contact Name:		ELIZABETH HERRERA
Contact Address:		14112 JOANBRIDGE ST
Contact City,State,Zip:		BALDWIN PARK, CA 91706
Contact Telephone:		626-485-0629
Contact Fax:		Not reported
Contact Email:		SCHEDULING@PWSEI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		14112 JOANBRIDGE ST
Mailing City,State,Zip:		BALDWIN PARK, CA 91706
Owner Name:		ELIZABETH HERRERA
Owner Type:		Other
Operator Name:		ELIZABETH HERRERA
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		—
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

ELIZABETH HERRERA (Continued) **1026711189**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELIZABETH HERRERA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14112 JOANBRIDGE ST
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-485-0629
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELIZABETH HERRERA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14112 JOANBRIDGE ST
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-485-0629
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ELIZABETH HERRERA (Continued) **1026711189**

Historic Generators:
- Receive Date: 20210104
- Handler Name: ELIZABETH HERRERA
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: No
- Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

G60 **STENO-AIDE, INC.** **CA WIP** **S106767134**
ESE **14180 LIVE OAK AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.162 mi.
857 ft. **Site 1 of 9 in cluster G**

Relative: **Higher**
Actual: **418 ft.**

WIP:
- Name: STENO-AIDE, INC.
- Address: 14180 Live Oak Ave
- City,State,Zip: BALDWIN PARK, CA 91706
- Region: 4
- File Number: 108.1397
- **File Status: Historical**
- Staff: DKOO
- Facility Suite: C-D

G61 **CERA, INC.** **CA WIP** **S106767132**
ESE **14180 LIVE OAK AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.162 mi.
857 ft. **Site 2 of 9 in cluster G**

Relative: **Higher**
Actual: **418 ft.**

WIP:
- Name: CERA, INC.
- Address: 14180 Live Oak Ave
- City,State,Zip: BALDWIN PARK, CA 91706
- Region: 4
- File Number: 108.1394
- **File Status: Not reported**

CERA, INC. (Continued) **S106767132**

Staff: UNIDENTIFIED
Facility Suite: F

G62 **ROUTE 66 KLUBS** **EDR Hist Auto** **1020851373**
ESE **14180 LIVE OAK AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.162 mi.
857 ft. **Site 3 of 9 in cluster G**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
418 ft. 2004 ROUTE 66 KLUBS Gasoline Service Stations, NEC

G63 **SEIZMIC INC.** **CA WIP** **S107257207**
ESE **14180 LIVE OAK AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.162 mi.
857 ft. **Site 4 of 9 in cluster G**

Relative: WIP:
Higher
Name: SEIZMIC INC.
Actual: Address: 14180 LIVE OAK AVE
418 ft. City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1393
File Status: Not reported
Staff: UNIDENTIFIED
Facility Suite: I & J

G64 **TECAN SP, INC.** **CA CERS HAZ WASTE** **S123297233**
ESE **14180 LIVE OAK AVE** **CA CHMIRS** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706** **CA CERS**
0.162 mi.
857 ft. **Site 5 of 9 in cluster G**

Relative: CERS HAZ WASTE:
Higher
Name: TECAN SP, INC.
Actual: Address: 14180 LIVE OAK AVE
418 ft. City,State,Zip: BALDWIN PARK, CA 91706
Site ID: 421213
CERS ID: 10733518
CERS Description: Hazardous Waste Generator

CHMIRS:
Name: Not reported
Address: 14180 LIVE OAK AVE
City,State,Zip: BALDWIN PARK, CA 91706
OES Incident Number: 18-4026
OES notification: 06/19/2018
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported

TECAN SP, INC. (Continued) **S123297233**

Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	CHEMICAL
Measure:	Qt.(s)
Other:	Not reported
Date/Time:	730
Year:	2018
Agency:	Tecan SP
Incident Date:	06/19/2018
Admin Agency:	LACoFD Health Haz-Mat
Amount:	Not reported
Contained:	Stopped,Contained
Site Type:	Not reported
E Date:	Not reported
Substance:	isopropyl alcohol
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No

TECAN SP, INC. (Continued) **S123297233**

#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that less than 1 quart of isopropyl alcohol was released onto the floor due to overflow from filter unit. The release is contained and cleanup was conducted by RP personnel.

CERS:

Name:	TECAN SP, INC.
Address:	14180 LIVE OAK AVE
City,State,Zip:	BALDWIN PARK, CA 91706
Site ID:	421213
CERS ID:	10733518
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-04-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Mark Ghabriall, EH & S Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-01-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-01-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Norman Snow, Manufacturing Engineering Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-04-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Mark Ghabriall, EH & S Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

TECAN SP, INC. (Continued) **S123297233**

Coordinates:
- Site ID: 421213
- Facility Name: Tecan SP, Inc.
- Env Int Type Code: HMBP
- Program ID: 10733518
- Coord Name: Not reported
- Ref Point Type Desc: Center of a facility or station.
- Latitude: 34.106660
- Longitude: -117.965420

Affiliation:
- Affiliation Type Desc: CUPA District
- Entity Name: Los Angeles County Fire
- Entity Title: Not reported
- Affiliation Address: 5825 Rickenbacker Road
- Affiliation City: Commerce
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 90040-3027
- Affiliation Phone: (323) 890-4000

- Affiliation Type Desc: Document Preparer
- Entity Name: Mark Ghabriall
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: Not reported
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

- Affiliation Type Desc: Parent Corporation
- Entity Name: Tecan SP, Inc.
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: Not reported
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

- Affiliation Type Desc: Identification Signer
- Entity Name: Mark Ghabriall
- Entity Title: Head Facility & EH&S Management
- Affiliation Address: Not reported
- Affiliation City: Not reported
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

- Affiliation Type Desc: Operator
- Entity Name: Tecan SP, Inc.
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: Not reported

TECAN SP, INC. (Continued) **S123297233**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 962-0010
Affiliation Type Desc:	Legal Owner
Entity Name:	Tecan US Group, Inc.
Entity Title:	Not reported
Affiliation Address:	PO Box
Affiliation City:	Morrisville
Affiliation State:	NC
Affiliation Country:	United States
Affiliation Zip:	27560
Affiliation Phone:	(919) 361-5200
Affiliation Type Desc:	Property Owner
Entity Name:	Lewis Commercial
Entity Title:	Not reported
Affiliation Address:	1156 N. Mountain Avenue
Affiliation City:	Upland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91786
Affiliation Phone:	(909) 949-6791
Affiliation Type Desc:	Environmental Contact
Entity Name:	Head Facility & EH&S Management
Entity Title:	Not reported
Affiliation Address:	PO Box 1608
Affiliation City:	Baldwin Park
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91706
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 1608
Affiliation City:	Baldwin Park
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91706
Affiliation Phone:	Not reported

G65 **TECAN SP INC** **RCRA NonGen / NLR** **1024859570**
ESE **14180 LIVE OAK AVE STE I** **CAL000426820**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.162 mi.
857 ft. **Site 6 of 9 in cluster G**

Relative: **Higher**
Actual: **418 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20170414
Handler Name:	TECAN SP INC	
Handler Address:		14180 LIVE OAK AVE STE I
Handler City,State,Zip:		BALDWIN PARK, CA 91706
EPA ID:		CAL000426820

TECAN SP INC (Continued) **1024859570**

Contact Name:	MARK GHABRIALL
Contact Address:	PO BOX 1608
Contact City,State,Zip:	BALDWIN PARK, CA 91706
Contact Telephone:	626-862-6545
Contact Fax:	Not reported
Contact Email:	MARK.GHABRIALL@TECAN.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 1608
Mailing City,State,Zip:	BALDWIN PARK, CA 91706
Owner Name:	TECAN US GROUP INC
Owner Type:	Other
Operator Name:	MARK GHABRIALL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

TECAN SP INC (Continued) **1024859570**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TECAN US GROUP INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9401 GLOBE CENTER DR
Owner/Operator City,State,Zip:	MORRISVILLE, NC 27560
Owner/Operator Telephone:	919-361-5200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK GHABRIALL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1608
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-862-6545
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20170414
Handler Name: TECAN SP INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

TECAN SP INC (Continued) **1024859570**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 446199
NAICS Description: ALL OTHER HEALTH AND PERSONAL CARE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G66 **INTEGRATED COMPUTER SERVICE** **CA WIP** **S106767256**
ESE **14180 LIVE OAK AVE** **N/A**
1/8-1/4 **IRWINDALE, CA 91706**
0.162 mi.
857 ft. **Site 7 of 9 in cluster G**

Relative: **Higher**
Actual: **418 ft.**

WIP:
Name: INTEGRATED COMPUTER SERVICE
Address: 14180 Live Oak Ave
City,State,Zip: IRWINDALE, CA 91706
Region: 4
File Number: 108.1580
File Status: **Historical**
Staff: TB
Facility Suite: B

G67 **J & B REFRIGERATION INC.** **CA WIP** **S106767133**
ESE **14180 LIVE OAK AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.162 mi.
857 ft. **Site 8 of 9 in cluster G**

Relative: **Higher**
Actual: **418 ft.**

WIP:
Name: J & B REFRIGERATION INC.
Address: 14180 Live Oak Ave
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1395
File Status: **Historical**
Staff: TB
Facility Suite: H

F68
SE
1/8-1/4
0.164 mi.
865 ft.

F. M. CLEANING SERV
14138 JOANBRIDGE ST
BALDWIN PARK, CA 91706

Site 2 of 2 in cluster F

CA WIP **S106767089**
N/A

Relative:
Lower

Actual:
411 ft.

WIP:

Name:	F. M. CLEANING SERV
Address:	14138 Joanbridge St
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1332
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

69
West
1/8-1/4
0.164 mi.
866 ft.

WYNNS A DIV OF ILLINOIS TOOL WORKS
5238 RIVERGRADE RD
IRWINDALE, CA 91706

RCRA-SQG **1014915597**
CA HAZNET **CAR000220269**
CA HWTS

Relative:
Lower

Actual:
410 ft.

RCRA-SQG:

Date Form Received by Agency:	20110620
Handler Name:	WYNNS A DIV OF ILLINOIS TOOL WORKS
Handler Address:	5238 RIVERGRADE RD
Handler City,State,Zip:	IRWINDALE, CA 91706
EPA ID:	CAR000220269
Contact Name:	LORI CATHERASOO
Contact Address:	5238 RIVERGRADE RD
Contact City,State,Zip:	IRWINDALE, CA 91706
Contact Telephone:	626-334-0231 306
Contact Fax:	Not reported
Contact Email:	LCATHERASOO@WYNNSUSA.COM
Contact Title:	ENV HEALTH AND SAFETY MGR
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5238 RIVERGRADE RD
Mailing City,State,Zip:	IRWINDALE, CA 91706
Owner Name:	NAN YU ING
Owner Type:	Private
Operator Name:	WYNNS A DIV ILLINOIS TOOL WORKS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110714
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NAN YU ING
Legal Status:	Private
Date Became Current:	20081031
Date Ended Current:	Not reported
Owner/Operator Address:	5288 RIVERGRADE RD
Owner/Operator City,State,Zip:	IRWINDALE, CA 91706
Owner/Operator Telephone:	626-990-8388
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WYNNS A DIV ILLINOIS TOOL WORKS
Legal Status:	Private
Date Became Current:	20110401
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20110620
Handler Name:	WYNNS A DIV OF ILLINOIS TOOL WORKS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

List of NAICS Codes and Descriptions:
NAICS Code: 324191
NAICS Description: PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HAZNET:
Name: WYNNS A DIV OF ILLINOIS TOOL WORKS
Address: 5238 RIVERGRADE RD
Address 2: Not reported
City,State,Zip: IRWINDALE, CA 917060000
Contact: LORI CATHERASOO EXT 306
Telephone: 6263340231
Mailing Name: Not reported
Mailing Address: 5238 RIVERGRADE RD

Year: 2013
Gepaid: CAR000220269
TSD EPA ID: TXD982560294
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0025

Year: 2013
Gepaid: CAR000220269
TSD EPA ID: CAD008364432
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0255

Year: 2013
Gepaid: CAR000220269
TSD EPA ID: TXD000838896
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 1

Year: 2013
Gepaid: CAR000220269
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 2.964

Year: 2013
Gepaid: CAR000220269
TSD EPA ID: NVD980895338

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0145

Year: 2013
Gepaid: CAR000220269
TSD EPA ID: NVD980895338
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H121 - Neutralization Only
Tons: 0.0075

Year: 2013
Gepaid: CAR000220269
TSD EPA ID: CAD028409019
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075

Year: 2013
Gepaid: CAR000220269
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.5

Year: 2013
Gepaid: CAR000220269
TSD EPA ID: CAD008252405
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075

Year: 2012
Gepaid: CAR000220269
TSD EPA ID: CAD008252405
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.35

Click this hyperlink while viewing on your computer to access
5 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2013
Gen EPA ID: CAR000220269

Shipment Date: 20130530
Creation Date: 8/10/2013 22:15:09
Receipt Date: 20130530
Manifest ID: 009541715JJK
Trans EPA ID: CAL000264806
Trans Name: EXPRESS OIL CO

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.456
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130423
Creation Date:	9/9/2013 22:15:10
Receipt Date:	20130430
Manifest ID:	002014527GBF
Trans EPA ID:	CAD066151648
Trans Name:	THOMAS GRAY & ASSOCIATES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD982560294
Trans Name:	NSSI RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130404
Creation Date:	9/15/2013 22:15:09
Receipt Date:	20130426
Manifest ID:	011475011JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130402
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	011475010JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY INC
Trans 2 EPA ID:	CAD983049880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NE
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130402
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	011475010JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY INC
Trans 2 EPA ID:	CAD983049880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NE
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	P105
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130402
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	011475010JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY INC
Trans 2 EPA ID:	CAD983049880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NE
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130402
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	011475010JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY INC
Trans 2 EPA ID:	CAD983049880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NE
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130402
Creation Date:	Not reported

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

Receipt Date:	Not reported
Manifest ID:	011475012JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130402
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	011475012JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130402
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	011475012JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000220269
Shipment Date:	20111025
Creation Date:	4/13/2012 20:30:11
Receipt Date:	20111026
Manifest ID:	008667951JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE REC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111024
Creation Date:	1/12/2012 18:30:42
Receipt Date:	20111024
Manifest ID:	008667949JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.627
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000220269
Shipment Date:	20121207
Creation Date:	4/30/2013 22:15:27
Receipt Date:	20121207
Manifest ID:	009540568JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE REC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121207
Creation Date:	4/30/2013 22:15:27
Receipt Date:	20121207
Manifest ID:	009540568JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE REC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.35

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121121
Creation Date:	4/29/2013 22:15:20
Receipt Date:	20121121
Manifest ID:	009539955JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE REC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121121
Creation Date:	2/9/2013 22:15:14
Receipt Date:	20121126
Manifest ID:	009539923JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.045
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

Shipment Date:	20121108
Creation Date:	1/9/2013 22:15:34
Receipt Date:	20121108
Manifest ID:	009539815JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.444
Waste Quantity:	380
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121022
Creation Date:	4/4/2013 22:15:21
Receipt Date:	20121022
Manifest ID:	009539786JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE REC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121022
Creation Date:	12/24/2012 22:15:22
Receipt Date:	20121024
Manifest ID:	009539772JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.684
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120706
Creation Date:	10/15/2012 22:15:12
Receipt Date:	20120706
Manifest ID:	009540190JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.836
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120612
Creation Date:	9/17/2012 22:15:26
Receipt Date:	20120612
Manifest ID:	009540088JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

WYNNS A DIV OF ILLINOIS TOOL WORKS (Continued) **1014915597**

	Regeneration, Organics Recovery Ect
Quantity Tons:	1.026
Waste Quantity:	270
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120207
Creation Date:	4/11/2012 20:30:23
Receipt Date:	20120207
Manifest ID:	008667566JJK
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.228
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	WYNNS A DIV OF ILLINOIS TOOL WORKS
Address:	5238 RIVERGRADE RD
Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 917060000
EPA ID:	CAR000220269
Inactive Date:	06/30/2013
Create Date:	07/28/2011
Last Act Date:	09/19/2014
Mailing Name:	Not reported
Mailing Address:	5238 RIVERGRADE RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	IRWINDALE, CA 917060000
Owner Name:	WYNNS A DIV OF ILLINOIS TOOL WORKS
Owner Address:	5238 RIVERGRADE RD
Owner Address 2:	Not reported
Owner City,State,Zip:	IRWINDALE, CA 917060000
Contact Name:	LORI CATHERASOO EXT 306
Contact Address:	5238 RIVERGRADE RD
Contact Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 917060000

H70 **FORMFACTOR, INC.** **RCRA-LQG** **1000857074**
WSW **5188 COMMERCE DRIVE** **CA0000036434**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.188 mi.
995 ft. **Site 1 of 8 in cluster H**

Relative: **Lower**
Actual: **403 ft.**

RCRA-LQG:

Date Form Received by Agency:		20200811
Handler Name:	FORMFACTOR, INC.	
Handler Address:		5188 COMMERCE DRIVE
Handler City,State,Zip:		BALDWIN PARK, CA 91706-1450
EPA ID:		CA0000036434
Contact Name:		RAUL LOPEZ
Contact Address:		COMMERCE DRIVE
Contact City,State,Zip:		BALDWIN PARK, CA 91706
Contact Telephone:		818-282-8225
Contact Fax:		Not reported
Contact Email:		RAUL.LOPEZ@FORMFACTOR.COM
Contact Title:		SR MANAGER
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		COMMERCE DRIVE
Mailing City,State,Zip:		BALDWIN PARK, CA 91706
Owner Name:		OTTING ENTERPRISE
Owner Type:		Private
Operator Name:		FORMFACTOR, INC.
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		—
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

FORMFACTOR, INC. (Continued) **1000857074**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200813
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002

FORMFACTOR, INC. (Continued) **1000857074**

Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D011
Waste Description: SILVER

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F009
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: K018
Waste Description: HEAVY ENDS FROM THE FRACTIONATION COLUMN IN ETHYL CHLORIDE PRODUCTION.

Waste Code: P011
Waste Description: ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE

Waste Code: P121
Waste Description: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOUCHDOWN TECHNOLOGIES, INC.
Legal Status:	Private
Date Became Current:	20090615
Date Ended Current:	Not reported
Owner/Operator Address:	5188 COMMERCE DRIVE
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706-1450
Owner/Operator Telephone:	818-804-9698
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADVANTEST AMERICA INC.
Legal Status:	Private
Date Became Current:	20140614
Date Ended Current:	Not reported

FORMFACTOR, INC. (Continued) **1000857074**

Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADVANTEST AMERICA INC
Legal Status:	Private
Date Became Current:	20120410
Date Ended Current:	Not reported
Owner/Operator Address:	5188 COMMERCE DRIVE
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	818-282-8225
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RAUL.LOPEZ@ADVANTEST.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOUCHDOWN TECHNOLOGIES
Legal Status:	Private
Date Became Current:	20050101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADVANTEST AMERICA
Legal Status:	Private
Date Became Current:	20120410
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISE
Legal Status:	Private
Date Became Current:	20120410
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAFFODIL PLACE
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	626-472-6732
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RAUL.LOPEZ@ADVANTEST.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOUCHDOWN TECHNOLOGIES INC

FORMFACTOR, INC. (Continued) **1000857074**

Legal Status:	Private
Date Became Current:	20090615
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADVANTEST AMERICA INC
Legal Status:	Private
Date Became Current:	20120410
Date Ended Current:	Not reported
Owner/Operator Address:	5188 COMMERCE DRIVE
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	818-282-8225
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RAUL.LOPEZ@ADVANTEST.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISE
Legal Status:	Private
Date Became Current:	20120410
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAFFODIL PLACE
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	626-472-6732
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RAUL.LOPEZ@ADVANTEST.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADVANTEST AMERICA INC
Legal Status:	Private
Date Became Current:	20120410
Date Ended Current:	Not reported
Owner/Operator Address:	5188 COMMERCE DRIVE
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	818-282-8225
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RAUL.LOPEZ@ADVANTEST.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 722
Owner/Operator City,State,Zip:	GLENDORA, CA 91740
Owner/Operator Telephone:	818-338-2116
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FORMFACTOR, INC. (Continued) **1000857074**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADVANTEST AMERICA INC
Legal Status:	Private
Date Became Current:	20120401
Date Ended Current:	Not reported
Owner/Operator Address:	5188 COMMERCE DR
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706-1450
Owner/Operator Telephone:	818-804-9698
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FORMFACTOR, INC.
Legal Status:	Private
Date Became Current:	20200730
Date Ended Current:	Not reported
Owner/Operator Address:	5188 COMMERCE DRIVE
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	818-282-8225
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RAUL.LOPEZ@FORMFACTOR.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISE
Legal Status:	Private
Date Became Current:	19950101
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAFFODILE
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	760-431-7868
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISE
Legal Status:	Private
Date Became Current:	20120410
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAFFODIL PLACE
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	626-472-6732
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RAUL.LOPEZ@ADVANTEST.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADVANTEST AMERICA INC
Legal Status:	Private
Date Became Current:	20120401
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

FORMFACTOR, INC. (Continued) **1000857074**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISE
Legal Status:	Private
Date Became Current:	20120410
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAFFODIL PLACE
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	626-472-6732
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RAUL.LOPEZ@ADVANTEST.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISES
Legal Status:	Private
Date Became Current:	19950101
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAFFODILE PL
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	760-431-7868
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISE
Legal Status:	Private
Date Became Current:	19890210
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAPHODILE PLACE
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	626-472-6732
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISE
Legal Status:	Private
Date Became Current:	20120410
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAFFODIL PLACE
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	626-472-6732
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RAUL.LOPEZ@ADVANTEST.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISES INC
Legal Status:	Private
Date Became Current:	19890210
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAPHODILE PL

FORMFACTOR, INC. (Continued) **1000857074**

Owner/Operator City,State,Zip: CARLSBAD, CA 92011
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOUCHDOWN TECHNOLOGIES, INC.
Legal Status: Private
Date Became Current: 20090615
Date Ended Current: Not reported
Owner/Operator Address: 5188 COMMERCE DRIVE
Owner/Operator City,State,Zip: BALDWIN PARK, CA 91706-1450
Owner/Operator Telephone: 818-804-9698
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ADVANTEST AMERICA INC
Legal Status: Private
Date Became Current: 20120410
Date Ended Current: Not reported
Owner/Operator Address: 5188 COMMERCE DRIVE
Owner/Operator City,State,Zip: BALDWIN PARK, CA 91706
Owner/Operator Telephone: 818-282-8225
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: RAUL.LOPEZ@ADVANTEST.COM

Historic Generators:
Receive Date: 20100817
Handler Name: TOUCHDOWN TECHNOLOGIES INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120229
Handler Name: TOUCHDOWN TECHNOLOGIES INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

FORMFACTOR, INC. (Continued) **1000857074**

Receive Date:	20140301
Handler Name: ADVANTEST AMERICA	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20160225
Handler Name: ADVANTEST AMERICA	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20181019
Handler Name: ADVANTEST AMERICA	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20200330
Handler Name: ADVANTEST AMERICA	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20181221
Handler Name: ADVANTEST AMERICA	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

FORMFACTOR, INC. (Continued) **1000857074**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19950125
Handler Name:	BLUE SKY AVIATION INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20090723
Handler Name:	TOUCHDOWN TECHNOLOGIES INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130705
Handler Name:	ADVANTEST AMERICA INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20200218
Handler Name:	ADVANTEST AMERICA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

FORMFACTOR, INC. (Continued) **1000857074**

Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200811
Handler Name: FORMFACTOR, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 332812
NAICS Description: METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

NAICS Code: 332999
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20141017
Actual Return to Compliance Date: 20141017
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

FORMFACTOR, INC. (Continued) **1000857074**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20190906
Actual Return to Compliance Date: 20191004
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20190906
Actual Return to Compliance Date: 20191004
Return to Compliance Qualifier: Observed

FORMFACTOR, INC. (Continued) **1000857074**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

FORMFACTOR, INC. (Continued) **1000857074**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20190906
Actual Return to Compliance Date: 20191004
Return to Compliance Qualifier: Observed

FORMFACTOR, INC. (Continued) **1000857074**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20141017
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DFERN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20141017
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190903
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20191004
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

FORMFACTOR, INC. (Continued) **1000857074**

Former Citation:	Not reported
Evaluation Date:	20190903
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20191004
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161019
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20161118
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190903
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20191004
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

H71 **ADVANTEST AMERICA INC** **CA CERS HAZ WASTE** **S113801526**
WSW **5188 COMMERCE DR** **CA HAZNET** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706** **CA NPDES**
0.188 mi. **CA CIWQS**
995 ft. **Site 2 of 8 in cluster H** **CA CERS**
CA HWTS

Relative:
Lower

Actual:
403 ft.

CERS HAZ WASTE:

Name:	ADVANTEST AMERICA INC.
Address:	5188 COMMERCE DR
City,State,Zip:	BALDWIN PARK, CA 91706
Site ID:	3309
CERS ID:	10291939
CERS Description:	Hazardous Waste Generator

Name:	ADVANTEST AMERICA INC.
Address:	5188 COMMERCE DR
City,State,Zip:	BALDWIN PARK, CA 91706
Site ID:	3309
CERS ID:	10291939
CERS Description:	RCRA LQ HW Generator

HAZNET:

Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DR
Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 917061450
Contact:	RAUL LOPEZ
Telephone:	6264726732
Mailing Name:	Not reported
Mailing Address:	5188 COMMERCE DRIVE

Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	Not reported
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.9

Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.2

Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	CAD008302903
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	6.35

Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals

ADVANTEST AMERICA INC (Continued) **S113801526**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1665
Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	CAD008302903
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	1.625
Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	CAD008302903
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.4
Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	CAD008302903
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.4675
Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	Not reported
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0375
Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	CAD008302903
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.09
Year:	2013
Gepaid:	CAL000372771
TSD EPA ID:	CAD008302903
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.225

Click this hyperlink while viewing on your computer to access
6 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2012

ADVANTEST AMERICA INC (Continued) **S113801526**

Gen EPA ID:	CAL000372771
Shipment Date:	20121213
Creation Date:	2/9/2013 22:15:14
Receipt Date:	20121213
Manifest ID:	000579270VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121213
Creation Date:	2/9/2013 22:15:14
Receipt Date:	20121213
Manifest ID:	000579270VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000503010VES
Trans EPA ID:	NJD080631369

ADVANTEST AMERICA INC (Continued) **S113801526**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.575
Waste Quantity:	1150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000503010VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121130
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121206
Manifest ID:	000503010VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

ADVANTEST AMERICA INC (Continued) **S113801526**

Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.5
Waste Quantity:	3000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121130
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121206
Manifest ID:	000503010VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000503010VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.1
Waste Quantity:	2200
Quantity Unit:	P

ADVANTEST AMERICA INC (Continued) **S113801526**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121130
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121206
Manifest ID:	000503010VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121130
Creation Date:	3/1/2013 22:15:08
Receipt Date:	20121206
Manifest ID:	000503010VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121022
Creation Date:	12/20/2012 22:15:24

ADVANTEST AMERICA INC (Continued) **S113801526**

Receipt Date:	20121022
Manifest ID:	000583820VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000372771
Shipment Date:	20130718
Creation Date:	8/22/2013 22:15:23
Receipt Date:	20130718
Manifest ID:	000651911VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.8
Waste Quantity:	1600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130718
Creation Date:	8/22/2013 22:15:23
Receipt Date:	20130718
Manifest ID:	000651911VES
Trans EPA ID:	NJD080631369

ADVANTEST AMERICA INC (Continued) **S113801526**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130718
Creation Date:	8/22/2013 22:15:23
Receipt Date:	20130718
Manifest ID:	000651911VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130718
Creation Date:	8/22/2013 22:15:23
Receipt Date:	20130718
Manifest ID:	000651911VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals

ADVANTEST AMERICA INC (Continued) **S113801526**

RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130627
Creation Date:	9/9/2013 22:15:10
Receipt Date:	20130627
Manifest ID:	000651801VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130627
Creation Date:	9/9/2013 22:15:10
Receipt Date:	20130627
Manifest ID:	000651801VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported

ADVANTEST AMERICA INC (Continued) **S113801526**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130627
Creation Date:	9/9/2013 22:15:10
Receipt Date:	20130627
Manifest ID:	000651801VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130614
Creation Date:	8/20/2013 22:15:09
Receipt Date:	20130617
Manifest ID:	000651716VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130614
Creation Date:	8/20/2013 22:15:09

ADVANTEST AMERICA INC (Continued) **S113801526**

Receipt Date:	20130617
Manifest ID:	000651716VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130516
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000649994VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NPDES:

Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DRIVE
City,State,Zip:	BALDWIN PARK, CA 91706
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	460675
Place ID:	Not reported

ADVANTEST AMERICA INC (Continued) **S113801526**

Order Number:	97-03-DWQ
WDID:	4 19NEC004342
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/24/2018
Termination Date Of Regulatory Measure:	08/03/2020
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	5188 Commerce Drive
Discharge Name:	Advantest America Inc
Discharge City:	Baldwin Park
Discharge State:	California
Discharge Zip:	91706
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DRIVE
City,State,Zip:	BALDWIN PARK, CA 91706
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	463126
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19NEC000730
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/24/2015
Termination Date Of Regulatory Measure:	08/03/2020
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	5188 Commerce Drive
Discharge Name:	Advantest America Inc
Discharge City:	Baldwin Park
Discharge State:	California
Discharge Zip:	91706
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	463126
Order Number:	97-03-DWQ

ADVANTEST AMERICA INC (Continued) **S113801526**

Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19NEC000730
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/24/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Advantest America Inc
Discharge Address:	5188 Commerce Drive
Discharge City:	Baldwin Park
Discharge State:	California
Discharge Zip:	91706
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported

ADVANTEST AMERICA INC (Continued) **S113801526**

Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	463126
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19NEC000730
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:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/16/2015
Processed Date:	09/24/2015
Status:	Active
Status Date:	09/24/2015
Place Size:	43415
Place Size Unit:	SqFt
Contact:	Raul Lopez
Contact Title:	Sr Facilities Manager
Contact Phone:	626-472-6732
Contact Phone Ext:	Not reported
Contact Email:	raul.lopez@advantest.com
Operator Name:	Advantest America Inc
Operator Address:	5188 Commerce Drive
Operator City:	Baldwin Park
Operator State:	California
Operator Zip:	91706
Operator Contact:	Raul Lopez
Operator Contact Title:	Not reported
Operator Contact Phone:	626-472-6732
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	raul.lopez@advantest.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported

ADVANTEST AMERICA INC (Continued) **S113801526**

Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	818-282-8225
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	Ocean
Certifier:	Raul Lopez
Certifier Title:	Sr Manager Equipment Engineering
Certification Date:	29-AUG-16
Primary Sic:	3674-Semiconductors and Related Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DRIVE
City,State,Zip:	BALDWIN PARK, CA 91706
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19NEC004342
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	08/10/2020

ADVANTEST AMERICA INC (Continued) **S113801526**

Operator Name:	Advantest America Inc
Operator Address:	5188 Commerce Drive
Operator City:	Baldwin Park
Operator State:	California
Operator Zip:	91706
Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DRIVE
City,State,Zip:	BALDWIN PARK, CA 91706
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19NEC000730
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	08/10/2020
Operator Name:	Advantest America Inc
Operator Address:	5188 Commerce Drive
Operator City:	Baldwin Park
Operator State:	California
Operator Zip:	91706

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	463126
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19NEC000730
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/24/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Advantest America Inc
Discharge Address:	5188 Commerce Drive
Discharge City:	Baldwin Park
Discharge State:	California
Discharge Zip:	91706
Received Date:	Not reported
Processed Date:	Not reported

ADVANTEST AMERICA INC (Continued) **S113801526**

Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported

ADVANTEST AMERICA INC (Continued) **S113801526**

Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	463126
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19NEC000730
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:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	09/16/2015
Processed Date:	09/24/2015
Status:	Active
Status Date:	09/24/2015
Place Size:	43415
Place Size Unit:	SqFt
Contact:	Raul Lopez
Contact Title:	Sr Facilities Manager
Contact Phone:	626-472-6732
Contact Phone Ext:	Not reported
Contact Email:	raul.lopez@advantest.com
Operator Name:	Advantest America Inc
Operator Address:	5188 Commerce Drive
Operator City:	Baldwin Park
Operator State:	California
Operator Zip:	91706
Operator Contact:	Raul Lopez
Operator Contact Title:	Not reported
Operator Contact Phone:	626-472-6732
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	raul.lopez@advantest.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	818-282-8225
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported

ADVANTEST AMERICA INC (Continued) **S113801526**

Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	Ocean
Certifier:	Raul Lopez
Certifier Title:	Sr Manager Equipment Engineering
Certification Date:	29-AUG-16
Primary Sic:	3674-Semiconductors and Related Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DRIVE
City,State,Zip:	BALDWIN PARK, CA 91706
Agency:	Advantest America Inc
Agency Address:	5188 Commerce Drive, Baldwin Park, CA 91706
Place/Project Type:	Industrial - Semiconductors and Related Devices
SIC/NAICS:	3674
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19NEC004342
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/24/2018
Termination Date:	08/03/2020
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:	34.10613
Longitude:	-117.97211

Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DRIVE
City,State,Zip:	BALDWIN PARK, CA 91706
Agency:	Advantest America Inc
Agency Address:	5188 Commerce Drive, Baldwin Park, CA 91706
Place/Project Type:	Industrial - Semiconductors and Related Devices
SIC/NAICS:	3674
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial

ADVANTEST AMERICA INC (Continued) **S113801526**

Order Number:	2014-0057-DWQ
WDID:	4 19NEC000730
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	09/24/2015
Termination Date:	08/03/2020
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:	34.10613
Longitude:	-117.97211

CERS:

Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DRIVE
City,State,Zip:	BALDWIN PARK, CA 91706
Site ID:	525549
CERS ID:	838872
CERS Description:	Industrial Facility Storm Water

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2017
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	see attached report
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Advantest America Inc
Entity Title:	Operator
Affiliation Address:	5188 Commerce Drive
Affiliation City:	Baldwin Park
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91706
Affiliation Phone:	Not reported

Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DRIVE
City,State,Zip:	BALDWIN PARK, CA 91706
Site ID:	525549
CERS ID:	840386
CERS Description:	Industrial Facility Storm Water

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2017
Violations Found:	No

ADVANTEST AMERICA INC (Continued) **S113801526**

Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: see attached report
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Advantest America Inc
Entity Title: Operator
Affiliation Address: 5188 Commerce Drive
Affiliation City: Baldwin Park
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91706
Affiliation Phone: Not reported

Name: ADVANTEST AMERICA INC.
Address: 5188 COMMERCE DR
City,State,Zip: BALDWIN PARK, CA 91706
Site ID: 3309
CERS ID: 10291939
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 3309
Site Name: Advantest America Inc.
Violation Date: 09-06-2019
Citation: 22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Description: Failure of a large quantity RCRA generator to prepare the Biennial report (Form 8700), and submit to DTSC by March 1st on even numbered years ; and maintain it onsite for three years.
Violation Notes: Returned to compliance on 10/04/2019. OBSERVATION: The 2017 Biennial report was not prepared and submitted to DTSC. A generator who ships any hazardous waste offsite to a TSDF within the United States shall prepare and submit a Biennial Report, U.S. EPA Form 8700, to the DTSC by March 1 of each even-numbered year, and shall cover generator activities during the previous calendar year. CORRECTIVE ACTION: Immediately prepare a report for the 2017 calendar year and submit it to the DTSC. Ensure that this report is done in a timely manner.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 3309
Site Name: Advantest America Inc.
Violation Date: 09-06-2019
Citation: HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21
Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).
Violation Notes: Returned to compliance on 10/04/2019. OBSERVATION: A source reduction evaluation review and plan with all the required information has not been completed and maintained for review. CORRECTIVE ACTION: Complete

ADVANTEST AMERICA INC (Continued) **S113801526**

	a source reduction report with all the required information and submit a copy to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	3309
Site Name:	Advantest America Inc.
Violation Date:	10-19-2016
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 11/18/2016. OBSERVATION: No waste analysis was available for the first (approximately 250-gallon) waste water tank prior to pH balance in the Plant Room. This waste is being disposed of as non-hazardous waste. A generator shall makle a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal. CORRECTIVE ACTION: Please conduct a pH test and TTLC on the first waste tank prior to and treatment or removal of sludge. Please send a copy of the waste analysis conducted to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	3309
Site Name:	Advantest America Inc.
Violation Date:	09-06-2019
Citation:	22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description:	Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes:	Returned to compliance on 10/04/2019. OBSERVATION: Several 55 gallon drums were observed in the plant room (HW Storage area) without labels. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly

ADVANTEST AMERICA INC (Continued) **S113801526**

managed pursuant to 22 CCR 11 66261.7.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 3309
Site Name: Advantest America Inc.
Violation Date: 10-19-2016
Citation: HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21
Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).
Violation Notes: Returned to compliance on 11/18/2016. OBSERVATION: A source reduction evaluation review and plan for2015 was not prepared. On or before September 1, 1991, and every four years thereafter, each generator shall conduct a source reduction evaluation review and plan pursuant to section 67100.5 and have it available for inspection. CORRECTIVE ACTION: Immediately prepare this report and ensure that this report is done in a timely manner.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 11-18-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Lab results/SPR/flow diagram
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-03-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Raul Lopez, Facilities and Equipment Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-03-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Raul Lopez, Facilities and Equipment Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Raul Lopez, Facility Equipment Manager

ADVANTEST AMERICA INC (Continued) **S113801526**

Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-19-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Raul Lopez, Facility Equipment Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HWLQG
Eval Source:	CERS

Coordinates:

Site ID:	3309
Facility Name:	Advantest America Inc.
Env Int Type Code:	HWG
Program ID:	10291939
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.106130
Longitude:	-117.972110

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5188 COMMERCE DR
Affiliation City:	BALDWIN PARK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91706
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Advantest America Inc. Baldwin Park (Formerly Touchdown Technologies Inc).
Entity Title:	Not reported
Affiliation Address:	5188 COMMERCE DRIVE
Affiliation City:	BALDWIN PARK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91706
Affiliation Phone:	(626) 472-6732
Affiliation Type Desc:	Identification Signer
Entity Name:	Carl Clarke
Entity Title:	Senior Director of Quality
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District

ADVANTEST AMERICA INC (Continued) **S113801526**

Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Document Preparer
Entity Name:	Carl Clarke
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	RAUL LOPEZ
Entity Title:	Not reported
Affiliation Address:	5188 COMMERCE DR
Affiliation City:	BALDWIN PARK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91706
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Advantest America, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 472-6732
Affiliation Type Desc:	Parent Corporation
Entity Name:	Advantest America, Inc. (Baldwin Park)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

HWTS:

Name:	ADVANTEST AMERICA INC
Address:	5188 COMMERCE DR
Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 917061450
EPA ID:	CAL000372771
Inactive Date:	06/30/2014

ADVANTEST AMERICA INC (Continued) **S113801526**

Create Date:	03/19/2012
Last Act Date:	03/26/2015
Mailing Name:	Not reported
Mailing Address:	5188 COMMERCE DRIVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BALDWIN PARK, CA 917060000
Owner Name:	ADVANTEST AMERICA INC.
Owner Address:	5188 COMMERCE DRIVE
Owner Address 2:	Not reported
Owner City,State,Zip:	BALDWIN PARK, CA 917060000
Contact Name:	RAUL LOPEZ
Contact Address:	5188 COMMERCE DR
Contact Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 917061450

NAICS:

EPA ID:	CAL000372771
Create Date:	2012-03-19 11:09:30.237
NAICS Code:	334413
NAICS Description:	Semiconductor and Related Device Manufacturing
Issued EPA ID Date:	2012-03-19 11:09:30.19000
Inactive Date:	2014-06-30 00:00:00
Facility Name:	ADVANTEST AMERICA INC
Facility Address:	5188 COMMERCE DR
Facility Address 2:	Not reported
Facility City:	BALDWIN PARK
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917061450

H72 **TOUCHDOWN TECHNOLOGIES INC.** **RCRA-LQG** **1010313332**
WSW **5188 COMMERCE DRIVE** **CAL000290253**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.188 mi.
995 ft. **Site 3 of 8 in cluster H**

Relative:
Lower

Actual:
403 ft.

RCRA-LQG:

Date Form Received by Agency:	20100610
Handler Name:	TOUCHDOWN TECHNOLOGIES INC.
Handler Address:	5188 COMMERCE DRIVE
Handler City,State,Zip:	BALDWIN PARK, CA 91706
EPA ID:	CAL000290253
Contact Name:	RAUL LOPEZ
Contact Address:	5188 COMMERCE DRIVE
Contact City,State,Zip:	BALDWIN PARK, CA 91706
Contact Telephone:	626-472-6732 113
Contact Fax:	626-472-6733
Contact Email:	RLOPEZ@TDTECH.COM
Contact Title:	SR MANAGER FACALITIES AND EQUIPMENT
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2009
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported

TOUCHDOWN TECHNOLOGIES INC. (Continued) **1010313332**

State District:	Not reported
Mailing Address:	COMMERCE DRIVE
Mailing City,State,Zip:	BALDWIN PARK, CA 91706
Owner Name:	OTTING ENTERPRISES
Owner Type:	Private
Operator Name:	TOUCHDOWN TECHNOLOGIES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20101006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

TOUCHDOWN TECHNOLOGIES INC. (Continued) **1010313332**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISES
Legal Status:	Private
Date Became Current:	19950101
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAFFODILE PL
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	760-431-7868
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISE INC.
Legal Status:	Private
Date Became Current:	19950101
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAPHODILE PL
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOUCHDOWN TECHNOLOGIES
Legal Status:	Private
Date Became Current:	20050101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

TOUCHDOWN TECHNOLOGIES INC. (Continued) **1010313332**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOUCHDOWN TECHNOLOGIES
Legal Status:	Private
Date Became Current:	20050101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOUCHDOWN TECHNOLOGIES
Legal Status:	Private
Date Became Current:	20050101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISES, INC
Legal Status:	Private
Date Became Current:	19950101
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAPHODILE PL.
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OTTING ENTERPRISES, INC
Legal Status:	Private
Date Became Current:	19950101
Date Ended Current:	Not reported
Owner/Operator Address:	7211 DAPHODILE PL.
Owner/Operator City,State,Zip:	CARLSBAD, CA 92011
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOUCHDOWN TECHNOLOGIES
Legal Status:	Private
Date Became Current:	20050101

TOUCHDOWN TECHNOLOGIES INC. (Continued) **1010313332**

Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20060112
Handler Name: TOUCHDOWN TECHNOLOGIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100610
Handler Name: TOUCHDOWN TECHNOLOGIES INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060112
Handler Name: TOUCHDOWN TECHNOLOGIES
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080124
Handler Name: TOUCHDOWN TECHNOLOGIES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

TOUCHDOWN TECHNOLOGIES INC. (Continued) **1010313332**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332812
NAICS Description: METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H73 **TOUCHDOWN TECHNOLOGIES** **PA MANIFEST** **S109247747**
WSW **5188 COMMERCE DRIVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.188 mi.
995 ft. **Site 4 of 8 in cluster H**

Relative:
Lower

Actual:
403 ft.

Manifest Details:
Year: 2011
Manifest Number: 004382329FLE
Manifest Type: TSD Copy
Generator EPA Id: CAL000290253
Generator Date: 02/14/2011
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 626-472-6732
TSD EPA Id: PAR000521294
TSD Date: Not reported
TSD Facility Name: ABINGTON RELDAN METALS LLC
TSD Facility Address: 550 BORDENTOWN RD
TSD Facility City: FAIRLESS HILLS
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 350
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2007
Manifest Number: 002752723JJK
Manifest Type: Not reported

TOUCHDOWN TECHNOLOGIES (Continued) **S109247747**

Generator EPA Id:	CAL000290253
Generator Date:	11/12/2007
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	RAUL LOPEZ
Contact Phone:	626-472-6732
TSD EPA Id:	PAD002365849
TSD Date:	Not reported
TSD Facility Name:	ABINGTON RELDAN REFINING & RECYCLING INC
TSD Facility Address:	4924 WELLINGTON STREET
TSD Facility City:	PHILADELPHIA
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D002
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	55
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

H74 **ARYANA CORP DBA MMC PHT** **RCRA-SQG** **1000151008**
WSW **5170 COMMERCE DR** **FINDS** **CAD982523441**
1/8-1/4 **BALDWIN PARK, CA 91706** **ECHO**
0.205 mi.
1083 ft. **Site 5 of 8 in cluster H**

Relative: **Lower**
Actual: **402 ft.**

RCRA-SQG:

Date Form Received by Agency:	19960901
Handler Name:	ARYANA CORP DBA MMC PHT
Handler Address:	5170 COMMERCE DR
Handler City,State,Zip:	BALDWIN PARK, CA 91706
EPA ID:	CAD982523441
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	PO BOX 3125
Mailing City,State,Zip:	SOUTH EL MONTE, CA 91733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private

ARYANA CORP DBA MMC PHT (Continued) **1000151008**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

ARYANA CORP DBA MMC PHT (Continued) **1000151008**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHESTER L OTTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name:	ARYANA CORP DBA MMC PHT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19890602
Handler Name:	ARYANA CORP DBA MMC PHT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

ARYANA CORP DBA MMC PHT (Continued) **1000151008**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002841747

Click Here:

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:	1000151008
Registry ID:	110002841747
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002841747
Name:	ARYANA CORP DBA MMC PHT
Address:	5170 COMMERCE DR
City,State,Zip:	BALDWIN PARK, CA 91706

H75 **MMC/PHT** **CA WIP** **S106767016**
WSW **5170 COMMERCE DR** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.205 mi.
1083 ft. **Site 6 of 8 in cluster H**

Relative:
Lower

Actual:
402 ft.

WIP:

Name:	MMC/PHT
Address:	5170 Commerce Dr
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1218
File Status:	**Historical**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

G76 **WELL 06W CLINTON O. NIXON WEST** **CA PFAS** **S127520400**
ESE **N/A**
1/8-1/4 **BALDWIN PARK, CA**
0.209 mi.
1105 ft. **Site 9 of 9 in cluster G**

Relative: PFAS:
Higher

Actual: Name: WELL 06W CLINTON O. NIXON WEST
418 ft. Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910009
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910009-006
Matrix: Liquid
Chemical: PFHA
Qualifier: <
Value: 1.7
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 11/2/2020
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.106208
Longitude: -117.964528
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 06W CLINTON O. NIXON WEST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910009
Facility Region: Not reported

WELL 06W CLINTON O. NIXON WEST (Continued) **S127520400**

Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid
Chemical:	PFHPA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 06W CLINTON O. NIXON WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	<

WELL 06W CLINTON O. NIXON WEST (Continued) **S127520400**

Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06W CLINTON O. NIXON WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid
Chemical:	PFNA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06W CLINTON O. NIXON WEST
Address:	Not reported

WELL 06W CLINTON O. NIXON WEST (Continued) **S127520400**

City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid
Chemical:	NMEFOSAA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 06W CLINTON O. NIXON WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported

WELL 06W CLINTON O. NIXON WEST (Continued) **S127520400**

Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid
Chemical:	PFNDCA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 06W CLINTON O. NIXON WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid
Chemical:	PFDOA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020

WELL 06W CLINTON O. NIXON WEST (Continued) **S127520400**

Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06W CLINTON O. NIXON WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid
Chemical:	PFTEDA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06W CLINTON O. NIXON WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported

WELL 06W CLINTON O. NIXON WEST (Continued) **S127520400**

Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid
Chemical:	PFUNDCA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 06W CLINTON O. NIXON WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid

WELL 06W CLINTON O. NIXON WEST (Continued) **S127520400**

Chemical:	HFPA-DA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06W CLINTON O. NIXON WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-006
Matrix:	Liquid
Chemical:	9ClPF3ONS
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106208
Longitude:	-117.964528
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

WELL 06W CLINTON O. NIXON WEST (Continued) **S127520400**

Click this hyperlink while viewing on your computer to access
26 additional CA PFAS: record(s) in the EDR Site Report.

I77 **COVENTRY MFG CO INC** **RCRA-SQG** **1000208868**
SW **5152 COMMERCE DR** **FINDS** **CAD006326805**
1/8-1/4 **BALDWIN PARK, CA 91706** **ECHO**
0.219 mi. **CA HAZNET**
1155 ft. **Site 1 of 4 in cluster I** **CA WIP**
CA HWTS

Relative:
Lower

Actual:
400 ft.

RCRA-SQG:

Date Form Received by Agency:		19960901
Handler Name:	COVENTRY MFG CO INC	
Handler Address:		5152 COMMERCE DR
Handler City,State,Zip:		BALDWIN PARK, CA 91706
EPA ID:		CAD006326805
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		3
Mailing Address:		5152 COMMERCE DR
Mailing City,State,Zip:		BALDWIN PARK, CA 91706
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		—
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported

COVENTRY MFG CO INC (Continued) **1000208868**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020917
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999

COVENTRY MFG CO INC (Continued) **1000208868**

Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: COVENTRY MFG CO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19850620
Handler Name: COVENTRY MFG CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported

COVENTRY MFG CO INC (Continued) **1000208868**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19940607
Actual Return to Compliance Date:	19990607
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

COVENTRY MFG CO INC (Continued) **1000208868**

Evaluation Action Summary:

Evaluation Date:	19930427
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940607
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990607
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110002629790

Click Here:

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:	1000208868
Registry ID:	110002629790
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002629790
Name:	COVENTRY MFG CO INC
Address:	5152 COMMERCE DR
City,State,Zip:	BALDWIN PARK, CA 91706

HAZNET:

Name:	COVENTRY MFG CO INC
Address:	5152 COMMERCE DR
Address 2:	Not reported
City,State,Zip:	BALDWIN PK, CA 917060000

COVENTRY MFG CO INC (Continued) **1000208868**

Contact: –
Telephone: –
Mailing Name: Not reported
Mailing Address: 5152 COMMERCE DR

Year: 1994
Gepaid: CAD006326805
TSD EPA ID: CAD000088252
CA Waste Code: 281 - Adhesives
Disposal Method: H01 - Transfer Station
Tons: 0.3544

Year: 1994
Gepaid: CAD006326805
TSD EPA ID: CAD000088252
CA Waste Code: 561 - Detergent waste chemicals
Disposal Method: H01 - Transfer Station
Tons: 0.2293

Year: 1994
Gepaid: CAD006326805
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 1.782

Year: 1992
Gepaid: CAD006326805
TSD EPA ID: CAD000088252
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: -
Tons: 0.9174

Year: 1992
Gepaid: CAD006326805
TSD EPA ID: CAD000088252
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H01 - Transfer Station
Tons: 0.2293

Year: 1992
Gepaid: CAD006326805
TSD EPA ID: CAD000088252
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: -
Tons: 0.2293

Year: 1989
Gepaid: CAD006326805
TSD EPA ID: CAD009452657
CA Waste Code: 251 - Still bottoms with halogenated organics
Disposal Method: R01 - Recycler
Tons: 0.6255

Year: 1988
Gepaid: CAD006326805
TSD EPA ID: CAD042245001

COVENTRY MFG CO INC (Continued) **1000208868**

CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: 01 -
Tons: 0

Additional Info:
Year: 1994
Gen EPA ID: CAD006326805

Shipment Date: 19940308
Creation Date: 3/25/1996 0:00:00
Receipt Date: 19940309
Manifest ID: 93185569
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 281 - Adhesives
RCRA Code: F003
Meth Code: H01 - Transfer Station
Quantity Tons: 0.3544
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940308
Creation Date: 3/25/1996 0:00:00
Receipt Date: 19940309
Manifest ID: 93185569
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
Waste Code Description: 561 - Not reported
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

COVENTRY MFG CO INC (Continued) **1000208868**

Shipment Date:	19940308
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940309
Manifest ID:	93185569
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.782
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WIP:

Name:	COVENTRY MANUFACTURING CO. INC
Address:	5152 Commerce Dr
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.0568
File Status:	**Historical**
Staff:	PAR
Facility Suite:	Not reported

Name:	BRANDON INTERNATIONAL
Address:	5152 Commerce Dr
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
File Number:	108.1216
File Status:	**Historical**
Staff:	DRASMUSS
Facility Suite:	Not reported

HWTS:

Name:	COVENTRY MFG CO INC
Address:	5152 COMMERCE DR
Address 2:	Not reported
City,State,Zip:	BALDWIN PK, CA 917060000
EPA ID:	CAD006326805
Inactive Date:	06/01/1997
Create Date:	04/10/1987
Last Act Date:	09/14/2004
Mailing Name:	Not reported
Mailing Address:	5152 COMMERCE DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BALDWIN PARK, CA 917060000

COVENTRY MFG CO INC (Continued) **1000208868**

Owner Name:	–
Owner Address:	–
Owner Address 2:	Not reported
Owner City,State,Zip:	–, 99 --
Contact Name:	–
Contact Address:	–
Contact Address 2:	Not reported
City,State,Zip:	–, 99 --

H78 **STEMCYTE INC** **RCRA NonGen / NLR** **1025869530**
WSW **13800 LIVE OAK AVE** **CAL000410981**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.231 mi.
1219 ft. **Site 7 of 8 in cluster H**

Relative: **Lower**
Actual: **402 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20151007
Handler Name:	STEMCYTE INC	
Handler Address:		13800 LIVE OAK AVE
Handler City,State,Zip:		BALDWIN PARK, CA 91706
EPA ID:		CAL000410981
Contact Name:		SEAN NILES
Contact Address:		13800 LIVE OAK AVE
Contact City,State,Zip:		BALDWIN PARK, CA 91706
Contact Telephone:		626-646-2500
Contact Fax:		626-430-5797
Contact Email:		SNILES@STEMCYTE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		13800 LIVE OAK AVE
Mailing City,State,Zip:		BALDWIN PARK, CA 91706
Owner Name:		STEMCYTE INTERNATIONAL LTD
Owner Type:		Other
Operator Name:		SEAN NILES
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

STEMCYTE INC (Continued) **1025869530**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190628
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEMCYTE INTERNATIONAL LTD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 309
Owner/Operator City,State,Zip:	KY1-1104 CAYMAN ISLA 00000
Owner/Operator Telephone:	626-646-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEAN NILES

STEMCYTE INC (Continued) **1025869530**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13800 LIVE OAK AVE
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-646-2500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20151007
Handler Name: STEMCYTE INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	621991
NAICS Description:	BLOOD AND ORGAN BANKS
NAICS Code:	621999
NAICS Description:	ALL OTHER MISCELLANEOUS AMBULATORY HEALTH CARE SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

H79 **COMPOSITE STRUCTURES** **RCRA-SQG 1000593344**
WSW **13800 LIVE OAK AVE BLDG F** **FINDS CAD982440174**
1/8-1/4 **BALDWIN PARK, CA 91706** **ECHO**
0.231 mi.
1219 ft. **Site 8 of 8 in cluster H**

Relative: **Lower**
Actual: **402 ft.**

RCRA-SQG:

Date Form Received by Agency:		19910325
Handler Name:	COMPOSITE STRUCTURES	
Handler Address:		13800 LIVE OAK AVE BLDG F
Handler City,State,Zip:		BALDWIN PARK, CA 91706
EPA ID:		CAD982440174
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		13800 LIVE OAK AVE BLDG F
Contact City,State,Zip:		BALDWIN PARK, CA 91706
Contact Telephone:		818-358-3211
Contact Fax:		Not reported
Contact Email:		Not reported

COMPOSITE STRUCTURES (Continued) **1000593344**

Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	801 ROYAL OAK DR
Mailing City,State,Zip:	MONROVIA, CA 91016
Owner Name:	ALCOA COMPOSITES INC
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

COMPOSITE STRUCTURES (Continued) **1000593344**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALCOA COMPOSITES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19910325
Handler Name: COMPOSITE STRUCTURES	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

COMPOSITE STRUCTURES (Continued) **1000593344**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002813028

Click Here:

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:	1000593344
Registry ID:	110002813028
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002813028
Name:	COMPOSITE STRUCTURES
Address:	13800 LIVE OAK AVE BLDG F
City,State,Zip:	BALDWIN PARK, CA 91706

J80 **WELL 06E CLINTON O. NIXON EAST** **CA PFAS** **S127520401**
ESE **N/A**
1/8-1/4 **BALDWIN PARK, CA**
0.236 mi.
1248 ft. **Site 1 of 7 in cluster J**

Relative:
Higher

Actual:
420 ft.

PFAS:

Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported

WELL 06E CLINTON O. NIXON EAST (Continued) **S127520401**

Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910009-005
Matrix: Liquid
Chemical: PFBSA
Qualifier: <
Value: 1.7
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 11/2/2020
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.106225
Longitude: -117.964011
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 06E CLINTON O. NIXON EAST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910009
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910009-005
Matrix: Liquid
Chemical: PFHPA
Qualifier: <
Value: 1.7
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported

WELL 06E CLINTON O. NIXON EAST (Continued) **S127520401**

Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-005
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported

WELL 06E CLINTON O. NIXON EAST (Continued) **S127520401**

Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-005
Matrix:	Liquid
Chemical:	PFNA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals

WELL 06E CLINTON O. NIXON EAST (Continued) **S127520401**

Location ID:	1910009-005
Matrix:	Liquid
Chemical:	NETFOSAA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-005
Matrix:	Liquid
Chemical:	NMEFOSAA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011

WELL 06E CLINTON O. NIXON EAST (Continued) **S127520401**

Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-005
Matrix:	Liquid
Chemical:	PFNDCA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011

Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported

WELL 06E CLINTON O. NIXON EAST (Continued) **S127520401**

Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-005
Matrix:	Liquid
Chemical:	PFDOA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-005
Matrix:	Liquid
Chemical:	PFHA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported

WELL 06E CLINTON O. NIXON EAST (Continued) **S127520401**

Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-005
Matrix:	Liquid
Chemical:	PFTEDA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 06E CLINTON O. NIXON EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported

WELL 06E CLINTON O. NIXON EAST (Continued) **S127520401**

Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-005
Matrix:	Liquid
Chemical:	PFTRIDA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	11/2/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.106225
Longitude:	-117.964011
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Click this hyperlink while viewing on your computer to access
8 additional CA PFAS: record(s) in the EDR Site Report.

I81 **MY MACHINE INC** **RCRA NonGen / NLR** **1024826086**
SW **5140 COMMERCE DR** **CAL000353237**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.238 mi.
1257 ft. **Site 2 of 4 in cluster I**

Relative: RCRA NonGen / NLR:
Lower

Actual: Date Form Received by Agency:		20100610
399 ft. Handler Name:	MY MACHINE INC	
Handler Address:		5140 COMMERCE DR
Handler City,State,Zip:		BALDWIN PARK, CA 91706-1450
EPA ID:		CAL000353237
Contact Name:		HELENE ORBAN EXT 101
Contact Address:		5140 COMMERCE DR
Contact City,State,Zip:		BALDWIN PARK, CA 91706
Contact Telephone:		626-214-9223
Contact Fax:		626-214-9225
Contact Email:		HELENE@MYMACHINEINC.COM
Contact Title:		Not reported

MY MACHINE INC (Continued) **1024826086**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5140 COMMERCE DR
Mailing City,State,Zip:	BALDWIN PARK, CA 91706-1450
Owner Name:	MY MACHINE INC
Owner Type:	Other
Operator Name:	HELENE ORBAN EXT 101
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

MY MACHINE INC (Continued) **1024826086**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HELENE ORBAN EXT 101
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5140 COMMERCE DR
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-214-9223
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MY MACHINE INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5140 COMMERCE DR
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706-1450
Owner/Operator Telephone:	626-214-9223
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20100610
Handler Name: MY MACHINE INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	33271

MY MACHINE INC (Continued) **1024826086**

NAICS Description: MACHINE SHOPS

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I82 **KEILY RAY HEAVY EQUIPMENT SVC** **EDR Hist Auto** **1021850621**
SW **5140 COMMERCE DR** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.238 mi.
1257 ft. **Site 3 of 4 in cluster I**

Relative: EDR Hist Auto
Lower

Actual: **399 ft.**

Year:	Name:	Type:
1987	KELLY RAY HEAVY EQUIPMENT SVC	Automotive Repair Shops, NEC
1988	KELLY RAY HEAVY EQUIPMENT SVC	Automotive Repair Shops, NEC
1994	KEILY RAY HEAVY EQUIPMENT SVC	Automotive Transmission Repair Shops
1995	KEILY RAY HEAVY EQUIPMENT SVC	Automotive Transmission Repair Shops
1996	KEILY RAY HEAVY EQUIPMENT SVC	Automotive Transmission Repair Shops
1997	KEILY RAY HEAVY EQUIPMENT SVC	Automotive Transmission Repair Shops

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J83 **VALLEY CO WATER DISTRICT** **CA UST** **U004049168**
ESE **14233 E JOANBRIDGE ST** **CA LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.241 mi.
1270 ft. **Site 2 of 7 in cluster J**

Relative: UST:
Higher

Actual: **419 ft.**

Name: VALLEY CO WATER DISTRICT
Address: 14233 E JOANBRIDGE ST
City,State,Zip: BALDWIN PARK, CA 91706
Facility ID: 14172
Permitting Agency: LOS ANGELES COUNTY
Latitude: 34.10592
Longitude: -117.96417

LOS ANGELES CO. HMS:
Name: VALLEY CO WATER DISTRICT
Address: 14233 JOANBRIDGE ST
City,State,Zip: BALDWIN PARK, CA 91706
Region: LA
Permit Category: T
Facility Id: 013747-014172
Facility Type: 0
Facility Status: Removed
Area: 3X
Permit Number: 00005561T
Permit Status: Removed

J84 **VALLEY COUNTY WATER DISTRICT** **CA CERS HAZ WASTE** **S112896589**
ESE **14233 JOANBRIDGE ST** **CA HAZNET** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706** **CA CERS**
0.241 mi. **CA HWTS**
1270 ft. **Site 3 of 7 in cluster J**

Relative:
Higher

Actual:
419 ft.

CERS HAZ WASTE:
Name: VALLEY COUNTY WATER DISTRICT
Address: 14233 JOANBRIDGE ST
City,State,Zip: BALDWIN PARK, CA 91706
Site ID: 79880
CERS ID: 10283581
CERS Description: Hazardous Waste Generator

HAZNET:
Name: VALLEY COUNTY WATER DISTRICT
Address: 14233 JOANBRIDGE ST
Address 2: Not reported
City,State,Zip: BALDWIN PARK, CA 91706
Contact: BILL WILSON
Telephone: 6262019449
Mailing Name: Not reported
Mailing Address: 14233 JOANBRIDGE ST

Year: 2018
Gepaid: CAC002948673
TSD EPA ID: CAD982444481
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00000

Year: 1998
Gepaid: CAC001504848
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 0.0432

Additional Info:
Year: 1998
Gen EPA ID: CAC001504848

Shipment Date: 19980911
Creation Date: 11/2/1998 0:00:00
Receipt Date: 19980911
Manifest ID: 98009794
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001

VALLEY COUNTY WATER DISTRICT (Continued) **S112896589**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0432
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	VALLEY COUNTY WATER DISTRICT
Address:	14233 JOANBRIDGE ST
City,State,Zip:	BALDWIN PARK, CA 91706
Site ID:	79880
CERS ID:	10283581
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	79880
Site Name:	VALLEY COUNTY WATER DISTRICT
Violation Date:	11-19-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 12/08/2020. OBSERVATION: A 100 gallon container of used oil located in the garage was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	79880
Site Name:	VALLEY COUNTY WATER DISTRICT
Violation Date:	11-19-2020
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 12/08/2020. OBSERVATION: A) Liquid was observed accumulated in the tertiary underground containment located under the chlorine tanks situated in the west and east chlorine storage rooms. B) Hazardous waste liquid was observed spilled and accumulated in the flammable cabinet located in the north garage area (as shown to Production Superintendent, Eric Velasquez). CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating the spill has been properly removed and managed.
Violation Division:	Los Angeles County Fire Department

VALLEY COUNTY WATER DISTRICT (Continued) **S112896589**

Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HW oil generation
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by J. Rooney Consent given by Bill Wilson
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Eric Velasquez, Production Superintendent
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Bill Wilson, Production and Treatment Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Eric Velasquez, Production Superintendent
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

VALLEY COUNTY WATER DISTRICT (Continued) **S112896589**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by J. Rooney Consent given by Bill Wilson
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Bill Wilson, Production and Treatment Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Document Preparer
Entity Name: LYNDA NORIEGA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: LYNDA NORIEGA
Entity Title: Not reported
Affiliation Address: 14521 RAMONA BLVD
Affiliation City: BALDWIN PARK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91706
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 14521 RAMONA BLVD
Affiliation City: BALDWIN PARK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91706

VALLEY COUNTY WATER DISTRICT (Continued) **S112896589**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	VALLEY COUNTY WATER DISTRICT
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	TOM MORTENSON
Entity Title:	OPERATIONS & MAINTENANCE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	VALLEY COUNTY WATER DISTRICT
Entity Title:	Not reported
Affiliation Address:	14521 E RAMONA BLVD
Affiliation City:	BALDWIN PARK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91706
Affiliation Phone:	(626) 338-7301
Affiliation Type Desc:	Operator
Entity Name:	TOM MORTENSEN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 338-7301

HWTS:

Name:	VALLEY COUNTY WATER DISTRICT
Address:	14233 JOANBRIDGE ST
Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 91706
EPA ID:	CAC003126216
Inactive Date:	Not reported
Create Date:	06/24/2021
Last Act Date:	06/24/2021
Mailing Name:	Not reported
Mailing Address:	14521 RAMONA BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BALDWIN PARK, CA 91706
Owner Name:	VALLEY COUNTY WATER DISTRICT

VALLEY COUNTY WATER DISTRICT (Continued) **S112896589**

Owner Address: 14521 RAMONA BLVD
Owner Address 2: Not reported
Owner City,State,Zip: BALDWIN PARK, CA 91706
Contact Name: ERIC VELAZQUEZ
Contact Address: 14233 JOANBRIDGE ST
Contact Address 2: Not reported
City,State,Zip: BALDWIN PARK, CA 91706

NAICS:
EPA ID: CAC003126216
Create Date: 2021-06-24 09:49:26.307
NAICS Code: 221310
NAICS Description: Water Supply and Irrigation Systems
Issued EPA ID Date: 2021-06-24 09:49:26.31000
Inactive Date: Not reported
Facility Name: VALLEY COUNTY WATER DISTRICT
Facility Address: 14233 JOANBRIDGE ST
Facility Address 2: Not reported
Facility City: BALDWIN PARK
Facility County: Not reported
Facility State: CA
Facility Zip: 91706

Name: VALLEY COUNTY WATER DISTRICT
Address: 14233 JOANBRIDGE
Address 2: 14521 RAMONA BL
City,State,Zip: BALDWIN PARK, CA 91706
EPA ID: CAC003094465
Inactive Date: 02/23/2021
Create Date: 11/24/2020
Last Act Date: 02/24/2021
Mailing Name: Not reported
Mailing Address: 14233 JOANBRIDGE
Mailing Address 2: 14521 RAMONA BL
Mailing City,State,Zip: BALDWIN PARK, CA 91706
Owner Name: VALLEY COUNTY WATER DISTRICT
Owner Address: 14233 JOANBRIDGE
Owner Address 2: 14521 RAMONA BL
Owner City,State,Zip: BALDWIN PARK, CA 91706
Contact Name: ERIC VELAZQUEZ
Contact Address: 14233 JOANBRIDGE ST.
Contact Address 2: 14521 RAMONA BLVD
City,State,Zip: BALDWIN PARK, CA 91706

NAICS:
EPA ID: CAC003094465
Create Date: 2020-11-24 13:22:29.960
NAICS Code: 221310
NAICS Description: Water Supply and Irrigation Systems
Issued EPA ID Date: 2020-11-24 13:22:29.96700
Inactive Date: 2021-02-23 13:22:29.95300
Facility Name: VALLEY COUNTY WATER DISTRICT
Facility Address: 14233 JOANBRIDGE
Facility Address 2: 14521 RAMONA BL
Facility City: BALDWIN PARK
Facility County: Not reported
Facility State: CA

VALLEY COUNTY WATER DISTRICT (Continued) **S112896589**

Facility Zip:	91706
Name:	VALLEY COUNTY WATER DISTRICT
Address:	14233 JOANBRIDGE ST
Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 917060000
EPA ID:	CAC001504848
Inactive Date:	10/25/2000
Create Date:	08/31/1998
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	14521 E RAMONA BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BALDWIN PARK, CA 917060000
Owner Name:	VALLEY COUNTY WATER DISTRICT
Owner Address:	14521 E RAMONA BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	BALDWIN PARK, CA 917060000
Contact Name:	GARY FORNEY
Contact Address:	14521 E RAMONA BLVD
Contact Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 917060000

J85 **VALLEY COUNTY WATER DISTRICT** **RCRA NonGen / NLR** **1026813633**
ESE **14233 JOANBRIDGE ST** **CAC003126216**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.241 mi.
1270 ft. **Site 4 of 7 in cluster J**

Relative: **Higher**
Actual: **419 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20210624
Handler Name:	VALLEY COUNTY WATER DISTRICT
Handler Address:	14233 JOANBRIDGE ST
Handler City,State,Zip:	BALDWIN PARK, CA 91706
EPA ID:	CAC003126216
Contact Name:	ERIC VELAZQUEZ
Contact Address:	14233 JOANBRIDGE ST
Contact City,State,Zip:	BALDWIN PARK, CA 91706
Contact Telephone:	626-419-1703
Contact Fax:	Not reported
Contact Email:	EVELAZQUEZ@VCWD.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	14521 RAMONA BLVD
Mailing City,State,Zip:	BALDWIN PARK, CA 91706
Owner Name:	VALLEY COUNTY WATER DISTRICT
Owner Type:	Other
Operator Name:	ERIC VELAZQUEZ
Operator Type:	Other

VALLEY COUNTY WATER DISTRICT (Continued) **1026813633**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210630
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

VALLEY COUNTY WATER DISTRICT (Continued) **1026813633**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERIC VELAZQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14233 JOANBRIDGE ST
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-419-1703
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VALLEY COUNTY WATER DISTRICT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14521 RAMONA BLVD
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-338-7301
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210624
Handler Name:	VALLEY COUNTY WATER DISTRICT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	221310
NAICS Description:	WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

J86 **GARAGE AND WAREHOUSE** **CA HIST UST** **U001568754**
ESE **14233 JOANBRIDGE STREET** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.241 mi.
1270 ft. **Site 5 of 7 in cluster J**

Relative:
Higher

Actual:
419 ft.

HIST UST:

Name:	GARAGE AND WAREHOUSE
Address:	14233 JOANBRIDGE STREET
City,State,Zip:	BALDWIN PARK, CA 91706
File Number:	0002850F
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002850F.pdf
Region:	STATE
Facility ID:	00000056136
Facility Type:	Other
Other Type:	WATER UTILITY
Contact Name:	JAY BROWN
Telephone:	8183387301
Owner Name:	VALLEY COUNTY WATER DISTRICT
Owner Address:	14521 RAMONA BLVD.
Owner City,St,Zip:	BALDWIN PARK, CA 91706
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1973
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	12
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1973
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	3/16
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	1977
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	3/16
Leak Detection:	None

Click here for Geo Tracker PDF:

J87 **VALLEY COUNTY WATER DISTRICT** **CA CPS-SLIC** **S103994008**
ESE **14233 JOANBRIDGE ST** **CA SWEEPS UST** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706** **CA ENF**
0.241 mi. **CA HAZNET**
1270 ft. **Site 6 of 7 in cluster J** **CA WIP**
CA CERS
Relative: **CA HWTS**
Higher

Actual: **419 ft.**

CPS-SLIC:

Name:	VALLEY COUNTY WATER DIST
Address:	14233 JOANBRIDGE ST.
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	05/08/2018
Global Id:	SL603798917
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.105819
Longitude:	-117.963356
Case Type:	Cleanup Program Site
Case Worker:	KL
Local Agency:	Not reported
RB Case Number:	108.1591
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

SWEEPS UST:

Name:	VALLEY CO WATER DISTRICT
Address:	14233 JOANBRIDGE
City:	BALDWIN PARK
Status:	Not reported
Comp Number:	14172
Number:	Not reported
Board Of Equalization:	44-010369
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-014172-000001
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	5

Name:	VALLEY CO WATER DISTRICT
Address:	14233 JOANBRIDGE
City:	BALDWIN PARK
Status:	Not reported
Comp Number:	14172
Number:	Not reported
Board Of Equalization:	44-010369

VALLEY COUNTY WATER DISTRICT (Continued) **S103994008**

Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-014172-000002
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	VALLEY CO WATER DISTRICT
Address:	14233 JOANBRIDGE
City:	BALDWIN PARK
Status:	Not reported
Comp Number:	14172
Number:	Not reported
Board Of Equalization:	44-010369
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-014172-000003
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	VALLEY CO WATER DISTRICT
Address:	14233 JOANBRIDGE
City:	BALDWIN PARK
Status:	Not reported
Comp Number:	14172
Number:	Not reported
Board Of Equalization:	44-010369
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-014172-000004
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	VALLEY CO WATER DISTRICT
Address:	14233 JOANBRIDGE
City:	BALDWIN PARK
Status:	Not reported

VALLEY COUNTY WATER DISTRICT (Continued) **S103994008**

Comp Number:	14172
Number:	Not reported
Board Of Equalization:	44-010369
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-014172-000005
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

ENF:

Name:	VALLEY COUNTY WATER DISTRICT
Address:	14233 JOANBRIDGE STREET
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	4
Facility Id:	270036
Agency Name:	Valley County Water District
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	34.105902
Place Longitude:	-117.964195
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	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:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1081591

VALLEY COUNTY WATER DISTRICT (Continued) **S103994008**

Reg Measure Id:	152206
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	226305
Region:	4
Order / Resolution Number:	LT950811
Enforcement Action Type:	13267 Letter
Effective Date:	08/11/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1081591
Description:	Not reported
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HAZNET:

Name:	VALLEY COUNTY WATER DISTRICT
Address:	14233 JOANBRIDGE ST
Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 91706
Contact:	TOM MORTENSON
Telephone:	6269621915

VALLEY COUNTY WATER DISTRICT (Continued) **S103994008**

Mailing Name: Not reported
Mailing Address: 14521 RAMONA BLVD

Year: 2013
Gepaid: CAC002747522
TSD EPA ID: CAD982444481
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.38

Additional Info:
Year: 2013
Gen EPA ID: CAC002747522

Shipment Date: 20131018
Creation Date: 11/29/2013 22:15:14
Receipt Date: 20131022
Manifest ID: 011732803JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

WIP:
Name: VALLEY COUNTY WATER DIST
Address: 14233 Joanbridge St
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1591
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: VALLEY COUNTY WATER DIST
Address: 14233 JOANBRIDGE ST.
City,State,Zip: BALDWIN PARK, CA 91706
Site ID: 189307

VALLEY COUNTY WATER DISTRICT (Continued) **S103994008**

CERS ID: SL603798917
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: KEVIN LIN - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 340 W 4th St, Ste 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766781

HWTS:
Name: VALLEY COUNTY WATER DISTRICT
Address: 14233 JOANBRIDGE ST
Address 2: Not reported
City,State,Zip: BALDWIN PARK, CA 91706
EPA ID: CAC002747522
Inactive Date: 01/14/2014
Create Date: 10/15/2013
Last Act Date: 01/15/2014
Mailing Name: Not reported
Mailing Address: 14521 RAMONA BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: BALDWIN PARK, CA 91706
Owner Name: VALLEY COUNTY WATER DISTRICT
Owner Address: 14521 RAMONA BLVD
Owner Address 2: Not reported
Owner City,State,Zip: BALDWIN PARK, CA 91706
Contact Name: TOM MORTENSON
Contact Address: 14521 RAMONA BLVD
Contact Address 2: Not reported
City,State,Zip: BALDWIN PARK, CA 91706

NAICS:
EPA ID: CAC002747522
Create Date: 2013-10-15 15:23:38.397
NAICS Code: 56131
NAICS Description: Employment Placement Agencies
Issued EPA ID Date: 2013-10-15 15:23:38.40000
Inactive Date: 2014-01-14 15:23:38.39300
Facility Name: VALLEY COUNTY WATER DISTRICT
Facility Address: 14233 JOANBRIDGE ST
Facility Address 2: Not reported
Facility City: BALDWIN PARK
Facility County: Not reported
Facility State: CA
Facility Zip: 91706

J88 **VALLEY COUNTY WATER DISTRICT** **RCRA NonGen / NLR** **1026488258**
ESE **14233 JOANBRIDGE** **CAC003094465**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.241 mi.
1270 ft. **Site 7 of 7 in cluster J**

Relative: **Higher**

Actual: **419 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20201124
Handler Name:	VALLEY COUNTY WATER DISTRICT
Handler Address:	14233 JOANBRIDGE
Handler City,State,Zip:	BALDWIN PARK, CA 91706
EPA ID:	CAC003094465
Contact Name:	ERIC VELAZQUEZ
Contact Address:	14233 JOANBRIDGE ST.
Contact City,State,Zip:	BALDWIN PARK, CA 91706
Contact Telephone:	626-338-7301
Contact Fax:	Not reported
Contact Email:	EVELAZQUEZ@VCWD.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	14233 JOANBRIDGE
Mailing City,State,Zip:	BALDWIN PARK, CA 91706
Owner Name:	VALLEY COUNTY WATER DISTRICT
Owner Type:	Other
Operator Name:	ERIC VELAZQUEZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

VALLEY COUNTY WATER DISTRICT (Continued) **1026488258**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201130
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERIC VELAZQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14233 JOANBRIDGE ST.
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-338-7301
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VALLEY COUNTY WATER DISTRICT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14233 JOANBRIDGE
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-338-7301
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VALLEY COUNTY WATER DISTRICT (Continued) **1026488258**

Historic Generators:
Receive Date: 20201124
Handler Name: VALLEY COUNTY WATER DISTRICT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221310
NAICS Description: WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I89 **UNITEX** **CA WIP** **S106767017**
SW **5175 COMMERCE DR** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.241 mi.
1275 ft. **Site 4 of 4 in cluster I**

Relative: **Lower**
Actual: **399 ft.**

WIP:
Name: UNITEX
Address: 5175 Commerce Dr
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1219
File Status: Historical
Staff: WLIU
Facility Suite: Not reported

K90 **RIVERGRADE SERVICE STATION INC** **RCRA NonGen / NLR** **1024821898**
West **5200 RIVERGRADE RD** **CAL000338821**
1/8-1/4 **IRWINDALE, CA 91706**
0.246 mi.
1301 ft. **Site 1 of 4 in cluster K**

Relative: **Lower**
Actual: **406 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20081212
Handler Name: RIVERGRADE SERVICE STATION INC
Handler Address: 5200 RIVERGRADE RD
Handler City,State,Zip: IRWINDALE, CA 91706
EPA ID: CAL000338821
Contact Name: EMIL MOUCHATI

RIVERGRADE SERVICE STATION INC (Continued) **1024821898**

Contact Address:	2440 RAILROAD ST
Contact City,State,Zip:	CORONA, CA 92880
Contact Telephone:	951-514-1348
Contact Fax:	714-760-9337
Contact Email:	JOJI@GNDCONSTRUCTION.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2440 RAILROAD ST
Mailing City,State,Zip:	CORONA, CA 92880-0000
Owner Name:	RIVERGRADE SERVICE STATION LP
Owner Type:	Other
Operator Name:	EMIL MOUCHATI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

RIVERGRADE SERVICE STATION INC (Continued) **1024821898**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RIVERGRADE SERVICE STATION LP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2440 RAILROAD ST
Owner/Operator City,State,Zip:	CORONA, CA 92880-0000
Owner/Operator Telephone:	714-692-2998
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EMIL MOUCHATI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2440 RAILROAD ST
Owner/Operator City,State,Zip:	CORONA, CA 92880
Owner/Operator Telephone:	951-514-1348
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20081212
Handler Name:	RIVERGRADE SERVICE STATION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

RIVERGRADE SERVICE STATION INC (Continued) **1024821898**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K91 **RIVERGRADE SERVICE STATION LP** **CA UST** **U004265786**
West **5200 RIVERGRADE RD** **N/A**
1/8-1/4 **IRWINDALE, CA 91706**
0.246 mi.
1301 ft. **Site 2 of 4 in cluster K**

Relative: **Lower**
Actual: **406 ft.**

UST:
Name: RIVERGRADE SERVICE STATION LP
Address: 5200 RIVERGRADE RD
City,State,Zip: IRWINDALE, CA 91706
Facility ID: LACoFA0039518
Permitting Agency: Los Angeles County Fire Department
Latitude: 34.10717
Longitude: -117.97356

K92 **RIVERGRADE SERVICE STATION LP** **CA CERS HAZ WASTE** **S109277772**
West **5200 RIVERGRADE RD** **CA CERS TANKS** **N/A**
1/8-1/4 **IRWINDALE, CA 91706** **CA LOS ANGELES CO. HMS**
0.246 mi. **CA CERS**
1301 ft. **Site 3 of 4 in cluster K**

Relative: **Lower**
Actual: **406 ft.**

CERS HAZ WASTE:
Name: RIVERGRADE SERVICE STATION LP
Address: 5200 RIVERGRADE RD
City,State,Zip: IRWINDALE, CA 91706
Site ID: 148336
CERS ID: 10309141
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: RIVERGRADE SERVICE STATION LP
Address: 5200 RIVERGRADE RD
City,State,Zip: IRWINDALE, CA 91706
Site ID: 148336
CERS ID: 10309141
CERS Description: Underground Storage Tank

LOS ANGELES CO. HMS:
Name: RIVERGRADE SERVICE STATION LP

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Address: 5200 RIVERGRADE RD
City,State,Zip: IRWINDALE, CA 917061336
Region: LA
Permit Category: T
Facility Id: 031402-048379
Facility Type: 0
Facility Status: Permit
Area: 3S
Permit Number: 000539422
Permit Status: Removed

Name: RIVERGRADE SERVICE STATION LP
Address: 5200 RIVERGRADE RD
City,State,Zip: IRWINDALE, CA 917061336
Region: LA
Permit Category: T
Facility Id: 031402-048379
Facility Type: 0
Facility Status: Permit
Area: 3S
Permit Number: 000598696
Permit Status: Removed

Name: RIVERGRADE SERVICE STATION LP
Address: 5200 RIVERGRADE RD
City,State,Zip: IRWINDALE, CA 917061336
Region: LA
Permit Category: T
Facility Id: 031402-048379
Facility Type: 0
Facility Status: Permit
Area: 3S
Permit Number: 000676650
Permit Status: Permit

Name: RIVERGRADE SERVICE STATION
Address: 5200 RIVERGRADE RD #B3
City,State,Zip: IRWINDALE, CA 917061336
Region: LA
Permit Category: I
Facility Id: 032262-051610
Facility Type: 01
Facility Status: Closed
Area: 3S
Permit Number: 000601143
Permit Status: Closed

CERS:
Name: RIVERGRADE SERVICE STATION LP
Address: 5200 RIVERGRADE RD
City,State,Zip: IRWINDALE, CA 91706
Site ID: 148336
CERS ID: 10309141
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 148336

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-06-2016
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Not reported
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-28-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-10-2017
Citation:	23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description:	Failure to submit the Annual Monitoring System Certification Form to the CUPA within 30 days of completion of the test.
Violation Notes:	Not reported
Violation Division:	Los Angeles County Department of Public Works

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-05-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 07/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-28-2019
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 06-08-2018
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 09/07/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-10-2017
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: Failure to test the spill bucket annually.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-11-2017
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Violation Description:	Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application.
Violation Notes:	Returned to compliance on 05/25/2017.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-05-2015
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.
Violation Notes:	Returned to compliance on 07/23/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	06-08-2018
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 09/07/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	07-10-2020
Citation:	23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes:	Returned to compliance on 08/06/2020. CTLS'19 NOT ONSITE; DO RPT(7/19/19)MSSD L3 ALRM(W.O.); DO RPRT OVR 30 DYS(4/2/18,5/18/20);OVFL CONDCT LATE;OPEN VIOL(V923556).
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-10-2017
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-28-2019
Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)
Violation Description: "Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows: Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection. For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection. "
Violation Notes: Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-06-2016
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 07-10-2020
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 08/06/2020. CTLS'19 NOT ONSITE; DO RPT(7/19/19)MSSD L3 ALRM(W.O.); DO RPRT OVR 30 DYS(4/2/18,5/18/20);OVFL CONDCT LATE;OPEN VIOL(V923556).

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-05-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 07/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 06-08-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 09/07/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-28-2019
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description: Failure to submit the G Underground Storage Tank Statement of Understanding and Compliance Form.G
Violation Notes: Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 06-08-2018
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes: Returned to compliance on 09/07/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-10-2017
Citation:	HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description:	Failure to maintain UST records of monitoring, testing, repairing, and closure in sufficient detail to enable the CUPA to determine whether the UST systems are in compliance.
Violation Notes:	Not reported
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS

Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-10-2017
Citation:	23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Not reported
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS

Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	07-10-2020
Citation:	HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description:	Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes:	Returned to compliance on 08/06/2020. CTLS'19 NOT ONSITE; DO RPT(7/19/19)MSSD L3 ALRM(W.O.); DO RPRT OVR 30 DYS(4/2/18,5/18/20);OVFL CONDCT LATE;OPEN VIOL(V923556).
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS

Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	07-10-2020
Citation:	23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description:	Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 08/06/2020. CTLS'19 NOT ONSITE; DO RPT(7/19/19)MSSD L3 ALRM(W.O.); DO RPRT OVR 30 DYS(4/2/18,5/18/20);OVFL CONDCT LATE;OPEN VIOL(V923556).
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS

Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Violation Date: 05-28-2019
Citation: 23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description: Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes: Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-10-2017
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-28-2019
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-10-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 07-10-2020

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 08/06/2020. CTLS'19 NOT ONSITE; DO RPT(7/19/19)MSSD L3 ALRM(W.O.); DO RPRT OVR 30 DYS(4/2/18,5/18/20);OVFL CONDCT LATE;OPEN VIOL(V923556).
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	06-08-2018
Citation:	23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description:	Failure to submit the Annual Monitoring System Certification Form to the UPA within 30 days of completion of the test.
Violation Notes:	Returned to compliance on 09/07/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-28-2019
Citation:	HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description:	Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes:	Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	06-08-2018
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Returned to compliance on 09/07/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-06-2016
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	Failure to test the spill bucket annually.

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 07-10-2020
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Returned to compliance on 08/06/2020. CTLS'19 NOT ONSITE; DO RPT(7/19/19)MSSD L3 ALRM(W.O.); DO RPRT OVR 30 DYS(4/2/18,5/18/20);OVFL CONDCT LATE;OPEN VIOL(V923556).
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-10-2017
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-28-2019

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-28-2019
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	06-08-2018
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description:	Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.
Violation Notes:	Returned to compliance on 09/07/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	148336
Site Name:	RIVERGRADE SERVICE STATION LP
Violation Date:	05-28-2019
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the G Designated Underground Storage Tank Operator Identification FormG within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 08/06/2020. OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/SPBK/ UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS NOTIFY/SUBMIT OVFL RPT;CERS;TRAIN EMPLOYEES;FIX SENSORS;REMOVE LIQU/ DEBRIS;LOG ALARMS/EXPLAIN 2/23/19 L10 ALARM;PROVIDE CORRECTED DO RPT
Violation Division:	Los Angeles County Department of Public Works

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 06-08-2018
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 09/07/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-05-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/23/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 05-06-2016
Citation: 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Description: Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 148336
Site Name: RIVERGRADE SERVICE STATION LP
Violation Date: 06-08-2018
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes: Returned to compliance on 09/07/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2019
Violations Found: No
Eval Type: Routine done by local agency

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Eval Notes:	Zaryab Choudhry, Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-30-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Zaryab Choudhry, Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-05-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	NOVC: CERS DISCREPANCIES(TANK/MONITORING PLAN) NEED UPDATING; 2013 & 2014 CTLS REPORTS MISSING SITE PLAN. OTHER CERTS/DOCS CURRENT/ONSITE
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-09-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	APPROX 2 FEET OF PRIMARY/SECONDARY PIPE AND 6"PRIMARY(IN UDC)PIPE & PENETRATION REMOVED/REPLACED. 1 SAMPLE 3-3.5 FT BELOW PIPING.
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-10-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	NOVC: CERS(PLOT PLAN & OSDO NOTIFICATION); CTLS LATE-5/6/16; CLTS REPORTS FOR 5/5/15 & 5/6/16 NOT RECVD; 5/5/15 REPORT NOT ONSITE
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-28-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	NOVC:OVFL O/DUE;CERS;EMPLOY TRAIN;208 NOT LW/VRT;LIQU/DEBRIS-SUMPS/ SPBK/UDC;2/23/19 ALARM NOT LOGGED/NO F/U DOCS;INCOMP/MISSING DO RPTS
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-11-2017
Violations Found:	Yes

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Eval Type: Other, not routine, done by local agency
Eval Notes: NOVC TO SUBMIT AS-BUILT PLANS. INSTALL DIFFERED FROM A849100:2NDRY PIPE SLID INTO PENETRATION FITTING(NO "TERMINATION FITTING W/O TAP")
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: OPERTNG W/OUT CERT SYS;CERS;INVALID PERMT;UST ANN FEES $1126 DUE;87 STP SMP,DSL SOUTH STP SMP,UDC 17/18-LIQ;UDC 7/8-BRINE;5 OPEN VIOLTNS
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOVC:CTLS'19 NOT ONSITE; DO RPT(7/19/19)MSSD L3 ALRM(W.O.); DO RPRT OVR 30 DYS(4/2/18,5/18/20);OVFL CONDCT LATE;OPEN VIOL(V923556).
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Krystal Rojas, manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CORRECTIONS NEEDED ON CERS(TANK INFO,MONITORING PLAN),2015 CTLS NOT SUBMITTED N/A ON SITE,CTLS LATE,UDC BRINE EITHER LOW OR CLEAR LIQUID
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Krystal Rojas, manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 148336

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Facility Name:	RIVERGRADE SERVICE STATION LP
Env Int Type Code:	HWG
Program ID:	10309141
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.107170
Longitude:	-117.973560

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Paul Vidakovich
Entity Title:	Not reported
Affiliation Address:	3720 Oceanic Way #205
Affiliation City:	Oceanside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92056
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Gaby Aazar
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 962-8222

Affiliation Type Desc:	UST Tank Operator
Entity Name:	RIVERGRADE SERVICE STATION LP
Entity Title:	Not reported
Affiliation Address:	2440 Railroad St.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92880
Affiliation Phone:	(626) 962-8222

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5200 N RIVERGRADE RD
Affiliation City:	IRWINDALE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91706
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	GABY AZAR
Entity Title:	PRESIDENT
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	RIVERGRADE SERVICE STATION LP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Owner
Entity Name:	RIVERGRADE SERVICE STATION LP
Entity Title:	Not reported
Affiliation Address:	2440 Railroad St.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92880
Affiliation Phone:	(626) 962-8222
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	Operator
Entity Name:	RIVERGRADE SERVICE STATION LP
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 962-8222
Affiliation Type Desc:	Legal Owner
Entity Name:	RIVERGRADE SERVICE STATION LP
Entity Title:	Not reported
Affiliation Address:	2440 RAILROAD ST
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92880
Affiliation Phone:	(626) 962-8222
Affiliation Type Desc:	Property Owner
Entity Name:	GABY AZAR
Entity Title:	Not reported
Affiliation Address:	2440 RAILROAD ST
Affiliation City:	Corona

RIVERGRADE SERVICE STATION LP (Continued) **S109277772**

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92880
Affiliation Phone:	(626) 962-8222
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	RIVERGRADE SERVICE STATION LP
Entity Title:	Not reported
Affiliation Address:	2440 Railroad St.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92880
Affiliation Phone:	(626) 962-8222

K93
West
1/8-1/4
0.246 mi.
1301 ft.

RIVERGRADE SERVICE STATION LP **EDR Hist Auto** **1022254459**
5200 RIVERGRADE RD STE A **N/A**
IRWINDALE, CA 91706

Site 4 of 4 in cluster K

Relative:
Lower

Actual:
406 ft.

EDR Hist Auto

Year:	Name:	Type:
2014	RIVERGRADE SERVICE STATION LP	Gasoline Service Stations

94
WNW
1/4-1/2
0.321 mi.
1697 ft.

CHEM ARROW **CA ENF** **S100178137**
13643 LIVE OAK **CA Notify 65** **N/A**
IRWINDALE, CA 91706

Relative:
Lower

Actual:
405 ft.

ENF:

Name:	CHEM ARROW CORP.
Address:	13643 LIVE OAK
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
Facility Id:	214139
Agency Name:	Chem Arrow Corporation
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.110647
Place Longitude:	-117.974021
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported

CHEM ARROW (Continued) **S100178137**

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:	AGT
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	4CUPA000247
Reg Measure Id:	171478
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	245536
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/07/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/07/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4CUPA000247
Description:	Notice of Noncompliance sent 8/7/02 for failure to have

CHEM ARROW (Continued) **S100178137**

SPCC plan onsite.
Program: AGT
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability $ Amount: 0
Project $ Amount: 0
Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0

NOTIFY 65:
Name: CHEM ARROW
Address: 13643 LIVE OAK
City,State,Zip: IRWINDALE, CA 91706
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
Global ID: Not reported
Status: Not reported

L95 **SAN GABRIEL RIVER IMP** **CA ENVIROSTOR** **S107737251**
West **N/A**
1/4-1/2 **AZUSA, CA**
0.329 mi.
1735 ft. **Site 1 of 2 in cluster L**

Relative: **Higher**

Actual: **419 ft.**

ENVIROSTOR:
Name: SAN GABRIEL RIVER IMP
Address: Not reported
City,State,Zip: AZUSA, CA
Facility ID: 80000462
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: 48
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 34.10833
Longitude: -117.975

SAN GABRIEL RIVER IMP (Continued) **S107737251**

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F561100
Alias Type: Federal Facility ID
Alias Name: J09CA0609
Alias Type: INPR
Alias Name: 80000462
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: 12/11/1991
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

L96 **SAN GABRIEL RIVER IMPROVEMENTS** **FUDS** **1024903658**
West **N/A**
1/4-1/2 **AZUSA, CA**
0.329 mi.
1735 ft. **Site 2 of 2 in cluster L**

Relative: **Higher**
Actual: **419 ft.**

FUDS:
EPA Region: 9
Installation ID: CA99799F561100
Congressional District Number: 32
Name: SAN GABRIEL RIVER IMPROVEMENTS
FUDS Number: J09CA0609
City: AZUSA
State: CA
County: LOS ANGELES
Object ID: 1527
USACE Division: SPD
USACE District: Los Angeles District (SPL)
Status: Properties without projects
Current Owner: Not reported
EMS Map Link: https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=61200
Eligibility: Ineligible
Has Projects: No
NPL Status: Not on the NPL
Property History: Not reported

Project Required: No
Feature Description: Not reported
Latitude: 34.108333330000001

SAN GABRIEL RIVER IMPROVEMENTS (Continued) **1024903658**

Longitude: -117.97499999999999

97
NW
1/4-1/2
0.333 mi.
1759 ft.

JONELL OIL CORP
13649 LIVE OAK LANE
IRWINDALE, CA 91706

SEMS **1000204976**
RCRA-SQG **CAD981393077**
FINDS
ECHO

Relative:
Higher

Actual:
423 ft.

SEMS:

Site ID:	0902311
EPA ID:	CAD981393077
Name:	JONELL BIOTECH INC.
Address:	13649 LIVE OAK LANE
Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 91706
Cong District:	30
FIPS Code:	06037
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Site is Part of NPL Site
Non NPL Status:	Not reported

SEMS Detail:

Region:	09
Site ID:	0902311
EPA ID:	CAD981393077
Site Name:	JONELL BIOTECH INC.
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1990-10-26 04:00:00
Finish Date:	10/26/1990 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

RCRA-SQG:

Date Form Received by Agency:	19860225
Handler Name:	JONELL OIL CORP
Handler Address:	13649 LIVE OAK LANE
Handler City,State,Zip:	IRWINDALE, CA 91706
EPA ID:	CAD981393077
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	13649 LIVE OAK LANE
Contact City,State,Zip:	IRWINDALE, CA 91706
Contact Telephone:	818-999-9999
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

JONELL OIL CORP (Continued) **1000204976**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	13649 LIVE OAK LANE
Mailing City,State,Zip:	IRWINDALE, CA 91706
Owner Name:	J & H TARAZI
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

JONELL OIL CORP (Continued) **1000204976**

Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	J & H TARAZI
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19860225
Handler Name: JONELL OIL CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42272
NAICS Description:	PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

Facility Has Received Notices of Violations:

JONELL OIL CORP (Continued) **1000204976**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110070605632

Click Here:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)
Registry ID: 110002692042

Click Here:

Environmental Interest/Information System:
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
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.
STATE MASTER

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

ECHO:
Envid: 1000204976
Registry ID: 110002692042
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002692042
Name: JONELL OIL CORP
Address: 13649 LIVE OAK LANE
City,State,Zip: IRWINDALE, CA 91706

98
WNW
1/4-1/2
0.349 mi.
1841 ft.

Relative:
Higher

Actual:
416 ft.

CF MOTORFREIGHT **RCRA-SQG** **1001085558**
13645 LIVE OAK LN **CA LUST** **CAR000008813**
IRWINDALE, CA 91706 **FINDS**
ECHO
CA Cortese
CA HIST CORTESE
CA LOS ANGELES CO. HMS
CA CERS
CA HWTS

RCRA-SQG:
Date Form Received by Agency: 19960131
Handler Name: CF MOTORFREIGHT

CF MOTORFREIGHT (Continued) **1001085558**

Handler Address:	13645 LIVE OAK LN
Handler City,State,Zip:	IRWINDALE, CA 91706
EPA ID:	CAR000008813
Contact Name:	JIM METZA
Contact Address:	13645 LIVE OAK LN
Contact City,State,Zip:	IRWINDALE, CA 91706
Contact Telephone:	818-303-2571
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	13645 LIVE OAK LN
Mailing City,State,Zip:	IRWINDALE, CA 91706
Owner Name:	CF MOTORFREIGHT
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No

CF MOTORFREIGHT (Continued) **1001085558**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CF MOTORFREIGHT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	175 LINFIELD DR
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025-3799
Owner/Operator Telephone:	415-326-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960131
Handler Name: CF MOTORFREIGHT	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48849
NAICS Description:	OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

CF MOTORFREIGHT (Continued) **1001085558**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST:
Name: CF MOTORFREIGHT
Address: 13637 LIVE OAK LN
City,State,Zip: IRWINDALE, CA 91706
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704015
Global Id: T0603704015
Latitude: 34.1116556
Longitude: -117.9733067
Status: Completed - Case Closed
Status Date: 05/14/2003
Case Worker: JOA
RB Case Number: I-12933
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0603704015
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704015
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704015
Action Type: Other
Date: 08/29/1995
Action: Leak Discovery

Global Id: T0603704015
Action Type: Other
Date: 08/30/1995

CF MOTORFREIGHT (Continued) **1001085558**

Action: Leak Stopped

Global Id: T0603704015
Action Type: Other
Date: 08/31/1995
Action: Leak Reported

LUST:
Global Id: T0603704015
Status: Open - Case Begin Date
Status Date: 08/29/1995

Global Id: T0603704015
Status: Open - Site Assessment
Status Date: 08/30/1995

Global Id: T0603704015
Status: Completed - Case Closed
Status Date: 05/14/2003

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-12933
Status: Leak being confirmed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704015
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: LIVE OAK AVE.
Enforcement Type: Not reported
Date Leak Discovered: 8/29/1995
Date Leak First Reported: 8/31/1995
Date Leak Record Entered: 11/27/1995
Date Confirmation Began: 8/30/1995
Date Leak Stopped: 8/30/1995
Date Case Last Changed on Database: 11/27/1995
Date the Case was Closed: Not reported
How Leak Discovered: Inventory Control
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: Piping
Operator: CF MOTORFREIGHT
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 4210.694270596418095056303981 7
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported

CF MOTORFREIGHT (Continued) **1001085558**

Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	1.4
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	<
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CF MOTORFREIGHT
RP Address:	175 LINFIELD DR., MENLO PARK, CA 94025
Program:	LUST
Lat/Long:	34.1138529 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

FINDS:
Registry ID: 110002909853

Click Here:

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:	1001085558
Registry ID:	110002909853
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002909853
Name:	CF MOTORFREIGHT
Address:	13645 LIVE OAK LN
City,State,Zip:	IRWINDALE, CA 91706

CORTESE:

Name:	CF MOTORFREIGHT
Address:	13637 LIVE OAK LN
City,State,Zip:	IRWINDALE, CA 91706
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603704015
Site/Facility Type:	LUST CLEANUP SITE

CF MOTORFREIGHT (Continued) **1001085558**

Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CF MOTORFREIGHT
edr_fadd1:	13645 LIVE OAK
City,State,Zip:	IRWINDALE, CA 91706
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-12933

LOS ANGELES CO. HMS:

Name:	CONSOLIDATED FREIGHTWAYS
Address:	13637 LIVE OAK LN
City,State,Zip:	IRWINDALE, CA 91706
Region:	LA
Permit Category:	T
Facility Id:	012741-012933
Facility Type:	0
Facility Status:	Removed
Area:	3S
Permit Number:	00004696T
Permit Status:	Removed

Name:	G D S TRUCKING
Address:	13637 LIVE OAK LN
City,State,Zip:	IRWINDALE, CA 91706
Region:	LA
Permit Category:	I
Facility Id:	012741-041282
Facility Type:	S4
Facility Status:	Permit
Area:	3S
Permit Number:	000428587
Permit Status:	Permit

CERS:

Name:	CF MOTORFREIGHT
Address:	13637 LIVE OAK LN
City,State,Zip:	IRWINDALE, CA 91706

CF MOTORFREIGHT (Continued) **1001085558**

Site ID: 233078
CERS ID: T0603704015
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: CF MOTORFREIGHT
Address: 13645 LIVE OAK LN
Address 2: Not reported
City,State,Zip: IRWINDALE, CA 917060000
EPA ID: CAR000008813
Inactive Date: 01/01/1900
Create Date: 06/20/1996
Last Act Date: 07/06/2010
Mailing Name: Not reported
Mailing Address: 13645 LIVE OAK LN
Mailing Address 2: Not reported
Mailing City,State,Zip: BALDWIN PARK, CA 917061317
Owner Name: CF MOTORFREIGHT
Owner Address: 175 LINFIELD DR
Owner Address 2: Not reported
Owner City,State,Zip: IRWINDALE, CA 940250000
Contact Name: USE CAL00002947
Contact Address: 175 LINFIELD DR___WASTE IS CAL
Contact Address 2: WASTE
City,State,Zip: IRWINDALE, CA 940250000

99
NNE
1/4-1/2
0.390 mi.
2060 ft.

AP PROPANE
6226 IRWINDALE AVE
IRWINDALE, CA 91706

CA CPS-SLIC **S106484687**
CA WIP **N/A**
CA CERS

Relative:
Higher

Actual:
445 ft.

CPS-SLIC:

Name:	AP PROPANE
Address:	6226 IRWINDALE AVE.
City,State,Zip:	IRWINDALE, CA 91706
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/29/2014
Global Id:	SL603798881
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1134405094578
Longitude:	-117.964745022699
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	108.0540
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

WIP:

Name:	AP PROPANE
Address:	6226 Irwindale Ave
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
File Number:	108.0540
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	AP PROPANE
Address:	6226 IRWINDALE AVE.
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	198986
CERS ID:	SL603798881
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

100 NNW 1/4-1/2 0.412 mi. 2173 ft. **ARROW FIELD SERVICE**
1580 ARROW HWY
IRWINDALE, CA 91706

CA LUST **S102424661**
CA Cortese **N/A**
CA HIST CORTESE
CA WIP
CA CERS

Relative: Higher

Actual: 428 ft.

LUST:

Name:	ARROW FIELD SERVICE
Address:	1580 ARROW HWY
City,State,Zip:	IRWINDALE, CA 91706
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700055
Global Id:	T0603700055
Latitude:	34.113539
Longitude:	-117.972639
Status:	Completed - Case Closed
Status Date:	09/06/1990
Case Worker:	JOA
RB Case Number:	014225
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603700055
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Global Id:	T0603700055
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603700055
Action Type:	Other
Date:	01/19/1990
Action:	Leak Reported

LUST:

Global Id:	T0603700055
Status:	Open - Case Begin Date
Status Date:	01/09/1990

Global Id:	T0603700055
Status:	Open - Site Assessment

ARROW FIELD SERVICE (Continued) **S102424661**

Status Date: 01/09/1990

Global Id: T0603700055
Status: Completed - Case Closed
Status Date: 09/06/1990

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	014225	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700055	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		1/19/1990
Date Leak Record Entered:	2/10/1990	
Date Confirmation Began:	1/9/1990	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/6/1990
Date the Case was Closed:		9/6/1990
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	BARRON, RAY	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2557.3568935409785440373061121
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	ARROW FIELD SERVICE	
RP Address:	1009 MUSCATEL AVENUE, N., ROSEMEAD, 91770	

ARROW FIELD SERVICE (Continued) **S102424661**

Program:	LUST
Lat/Long:	34.1069823 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

CORTESE:

Name:	ARROW FIELD SERVICE
Address:	1580 ARROW HWY
City,State,Zip:	IRWINDALE, CA 91706
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603700055
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	ARROW FIELD SERVICE
edr_fadd1:	1580 ARROW
City,State,Zip:	IRWINDALE, CA 91770
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	014225

WIP:

Name:	ARROW FUEL SERV.
Address:	1580 Arrow Hwy
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
File Number:	108.1615
File Status:	**Historical**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

ARROW FIELD SERVICE (Continued) **S102424661**

CERS:
- Name: ARROW FIELD SERVICE
- Address: 1580 ARROW HWY
- City,State,Zip: IRWINDALE, CA 91706
- Site ID: 226021
- CERS ID: T0603700055
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
- Entity Title: Not reported
- Affiliation Address: 320 W. 4TH ST., SUITE 200
- Affiliation City: Los Angeles
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
- Entity Title: Not reported
- Affiliation Address: 900 S FREMONT AVE
- Affiliation City: ALHAMBRA
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: 6264583507

M101 **WELL 02 MAIN ST. WEST** **CA PFAS** **S127520396**
ESE **N/A**
1/4-1/2 **BALDWIN PARK, CA**
0.414 mi.
2186 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
426 ft.

PFAS:
- Name: WELL 02 MAIN ST. WEST
- Address: Not reported
- City,State,Zip: BALDWIN PARK, CA
- Envirostor ID: Not reported
- Program Type: Not reported
- Status: Not reported
- Status Date: Not reported
- Enviroscreen Score: Not reported
- Site Code: Not reported
- Global ID: W0601910009
- Facility Region: Not reported
- Lead Agency: Not reported
- Case worker: Not reported
- Local Agency: Not reported
- Location Case Number: Not reported
- File Location: Not reported
- Potential Contaminants of Concern: Not reported
- Potential Media Affected: Not reported
- Site History: Not reported

- Begin Date: Not reported

WELL 02 MAIN ST. WEST (Continued) **S127520396**

RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-002
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	<
Value:	8.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105567
Longitude:	-117.960928
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 02 MAIN ST. WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-002
Matrix:	Liquid
Chemical:	PFHPA
Qualifier:	<
Value:	8.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well

WELL 02 MAIN ST. WEST (Continued) **S127520396**

Latitude: 34.105567
Longitude: -117.960928
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 02 MAIN ST. WEST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910009
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910009-002
Matrix: Liquid
Chemical: PFHXSA
Qualifier: <
Value: 8.8
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 5/28/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.105567
Longitude: -117.960928
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 02 MAIN ST. WEST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910009
Facility Region: Not reported
Lead Agency: Not reported

WELL 02 MAIN ST. WEST (Continued) **S127520396**

Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-002
Matrix:	Liquid
Chemical:	PFNA
Qualifier:	<
Value:	8.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105567
Longitude:	-117.960928
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 02 MAIN ST. WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-002
Matrix:	Liquid
Chemical:	NETFOSAA
Qualifier:	<
Value:	8.8

WELL 02 MAIN ST. WEST (Continued) **S127520396**

Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 5/28/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.105567
Longitude: -117.960928
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 02 MAIN ST. WEST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910009
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910009-002
Matrix: Liquid
Chemical: NMEFOSAA
Qualifier: <
Value: 8.8
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 5/28/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.105567
Longitude: -117.960928
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 02 MAIN ST. WEST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA

WELL 02 MAIN ST. WEST (Continued) **S127520396**

Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-002
Matrix:	Liquid
Chemical:	PFNDCA
Qualifier:	<
Value:	8.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105567
Longitude:	-117.960928
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 02 MAIN ST. WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

WELL 02 MAIN ST. WEST (Continued) **S127520396**

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-002
Matrix:	Liquid
Chemical:	PFDOA
Qualifier:	<
Value:	8.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105567
Longitude:	-117.960928
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 02 MAIN ST. WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-002
Matrix:	Liquid
Chemical:	PFHA
Qualifier:	<
Value:	8.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells

WELL 02 MAIN ST. WEST (Continued) **S127520396**

Site Type:	DDW Well
Latitude:	34.105567
Longitude:	-117.960928
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 02 MAIN ST. WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-002
Matrix:	Liquid
Chemical:	PFTEDA
Qualifier:	<
Value:	8.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105567
Longitude:	-117.960928
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 02 MAIN ST. WEST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported

WELL 02 MAIN ST. WEST (Continued) **S127520396**

Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-002
Matrix:	Liquid
Chemical:	9CIPF3ONS
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	8/29/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105567
Longitude:	-117.960928
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Click this hyperlink while viewing on your computer to access
62 additional CA PFAS: record(s) in the EDR Site Report.

M102 **WELL 01 MAIN ST. EAST** **CA PFAS** **S127520395**
ESE **N/A**
1/4-1/2 **BALDWIN PARK, CA**
0.417 mi.
2204 ft. **Site 2 of 2 in cluster M**

Relative: PFAS:
Higher

Actual: Name:	WELL 01 MAIN ST. EAST
426 ft. Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported

WELL 01 MAIN ST. EAST (Continued) **S127520395**

Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910009-001
Matrix: Liquid
Chemical: PFHPA
Qualifier: <
Value: 8.7
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 5/28/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.105564
Longitude: -117.960866
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 01 MAIN ST. EAST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910009
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910009-001
Matrix: Liquid
Chemical: HFPA-DA
Qualifier: <
Value: 1.7
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 8/29/2019

WELL 01 MAIN ST. EAST (Continued) **S127520395**

Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.105564
Longitude: -117.960866
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 01 MAIN ST. EAST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910009
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910009-001
Matrix: Liquid
Chemical: 9ClPF3ONS
Qualifier: <
Value: 1.7
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 8/29/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.105564
Longitude: -117.960866
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 01 MAIN ST. EAST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported

WELL 01 MAIN ST. EAST (Continued) **S127520395**

Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-001
Matrix:	Liquid
Chemical:	11ClPF3OUDS
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	8/29/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105564
Longitude:	-117.960866
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 01 MAIN ST. EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-001
Matrix:	Liquid

WELL 01 MAIN ST. EAST (Continued) **S127520395**

Chemical:	ADONA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	8/29/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105564
Longitude:	-117.960866
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name:	WELL 01 MAIN ST. EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-001
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	<
Value:	8.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105564
Longitude:	-117.960866
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

WELL 01 MAIN ST. EAST (Continued) **S127520395**

Name:	WELL 01 MAIN ST. EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-001
Matrix:	Liquid
Chemical:	PFNA
Qualifier:	<
Value:	8.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105564
Longitude:	-117.960866
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 01 MAIN ST. EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported

WELL 01 MAIN ST. EAST (Continued) **S127520395**

Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-001
Matrix:	Liquid
Chemical:	NETFOSAA
Qualifier:	<
Value:	8.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105564
Longitude:	-117.960866
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009
Name:	WELL 01 MAIN ST. EAST
Address:	Not reported
City,State,Zip:	BALDWIN PARK, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-001
Matrix:	Liquid
Chemical:	NMEFOSAA
Qualifier:	<
Value:	8.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported

WELL 01 MAIN ST. EAST (Continued) **S127520395**

Units: NG/L
Date: 5/28/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.105564
Longitude: -117.960866
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 01 MAIN ST. EAST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910009
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910009-001
Matrix: Liquid
Chemical: PFNDCA
Qualifier: <
Value: 8.7
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 5/28/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.105564
Longitude: -117.960866
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Name: WELL 01 MAIN ST. EAST
Address: Not reported
City,State,Zip: BALDWIN PARK, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported

WELL 01 MAIN ST. EAST (Continued) **S127520395**

Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910009
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910009-001
Matrix:	Liquid
Chemical:	PFDOA
Qualifier:	<
Value:	8.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/28/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.105564
Longitude:	-117.960866
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910009

Click this hyperlink while viewing on your computer to access
62 additional CA PFAS: record(s) in the EDR Site Report.

N103 **LBC IRWINDALE LLC DBA LB CRUSHING** **CA SWF/LF** **S102360726**
West **13620 LIVE OAK LN** **CA WMUDS/SWAT** **N/A**
1/4-1/2 **IRWINDALE, CA 91706** **CA ENF**
0.456 mi. **CA Financial Assurance**
2407 ft. **Site 1 of 3 in cluster N** **CA HAZNET**
CA WDS
Relative: **CA WIP**
Lower **CA CIWQS**
CA CERS
Actual: **CA HWTS**
400 ft.

SWF/LF (SWIS):

Name:	NU-WAY LIVE OAK RECLAMATION, INC.
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Region:	STATE
Facility ID:	19-AA-0849
SWIS Number:	19-AA-0849
Point of Contact:	Nai Teurn
Is Archived:	No
Is Closed Illegal Abandoned:	No

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Is Site Inert Debris Engineered Fill:	Yes
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Inactive
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Los Angeles
Local Government:	Irwindale
Reporting Agency Legal Name:	County of Los Angeles
Reporting Agency Department:	Department of Public Health
Enforcing Agency Legal Name:	County of Los Angeles
Enforcing Agency Department:	Department of Public Health
Regulation Status:	Notification

Activity:

SWIS Number:	19-AA-0849
Site Name:	Nu-Way Live Oak Reclamation, Inc.
Activity:	Inert Debris Engineered Fill Operation
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Operation
WDR Number:	Not reported
WDR Landfill Class:	UC
Cease Operation:	1/1/2010
Cease Operation Type:	Estimated
Inspection Frequency:	Quarterly
Throughput:	7500
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	780000
Capacity Units:	Cubic Yards per year
Total Acreage:	70
Disposal Acreage:	52
Permitted Elevation:	415
Permitted Elevation Type:	BGL
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Nai Teurn
Site Operational Status:	Inactive
Site Regulatory Status:	Notification
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	Yes
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	Los Angeles
ARB District:	South Coast
SWRCB Region:	Los Angeles
Local Government:	Irwindale
Street Address:	13620 Live Oak Lane
City:	Irwindale
State:	CA

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

ZIP Code:	91706
Reporting Agency Legal Name:	County of Los Angeles
Reporting Agency Department:	Department of Public Health
Enforcing Agency Legal Name:	County of Los Angeles
Enforcing Agency Department:	Department of Public Health

Operator:

SWIS Number:	19-AA-0849
Site Name:	Nu-Way Live Oak Reclamation, Inc.
Site Operational Status:	Inactive
Site Type:	Disposal Only
Site Regulatory Status:	Notification
Latitude:	34.10917
Longitude:	-117.97861
Is Archived:	No
Operator:	Waste Management
Started On:	11/17/2004
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(626) 969-1384
Street Address:	Walter Kutschal District Manager 766 South Ayon Avenue
Operator City:	Azusa
Operator State:	CA
Operator Zip:	91702

Owner:

SWIS Number:	19-AA-0849
Owner:	Mnoian Management, Inc. & Garrett Mgt.I.
Owner Address:	1949 S Myrtle Ave
Owner City:	Monrovia
Owner State:	CA
Owner Zip:	91016
Site Name:	Nu-Way Live Oak Reclamation, Inc.
Site Operational Status:	Inactive
Site Type:	Disposal Only
Site Regulatory Status:	Notification
Latitude:	34.10917
Longitude:	-117.97861
Is Archived:	No
Started On:	7/1/1996
Contact Name:	Jim Mnoian
Contact Title:	Owner
Contact Email:	Not reported
Contact Phone:	(626) 357-7766

Waste:

SWIS Number:	19-AA-0849
Site Name:	Nu-Way Live Oak Reclamation, Inc.
Activity:	Inert Debris Engineered Fill Operation
Waste Type:	Inert
Site Is Archived:	No
Site Operational Status:	Inactive
Site Regulatory Status:	Notification
Site Type:	Disposal Only
Point of Contact:	Nai Teurn

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Activity Is Archived:	No
Activity Operational Status:	Inactive
Activity Regulatory Status:	Notification
Activity Category:	Disposal
Activity Classification:	Solid Waste Operation

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
Primary Waste:	SLDWST
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Private
Agency Name:	NU-WAY INDUSTRIES, INC.
Agency Department:	Not reported
Agency Address:	54 E. HUNTINGTON DRIVE
Agency City,St,Zip:	ARCADIA CA 91006
Agency Contact:	JIM MNOIAN
Agency Telephone:	6264467127
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	Not reported
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	4
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Description:	Not reported
Facility Telephone:	6263019727
SWAT Facility Name:	Not reported
Primary SIC:	9511
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	False
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Sub Chapter 15:	True
Regional Board Project Officer:	Not reported
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	No
Waste Discharge Requirements:	A
Self-Monitoring Rept. Frequency:	Quarterly Submittal
Waste Discharge System ID:	4B190363001
Solid Waste Information ID:	Not reported

ENF:

Name:	NU-WAY LIVE OAK RECLAMATION
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
Facility Id:	245483
Agency Name:	Mnoian Management, Inc.
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.10903
Place Longitude:	-117.975586
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:	0
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Inert solid wastes
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

WDID:	4B190363001
Reg Measure Id:	134756
Reg Measure Type:	WDR
Region:	4
Order #:	91-016
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	2000
Status:	Active
Status Date:	11/13/2015
Effective Date:	01/28/1991
Expiration/Review Date:	05/27/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	367232
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	06/18/2009
Adoption/Issuance Date:	06/18/2009
Achieve Date:	Not reported
Termination Date:	06/18/2009
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 6/18/09 for violations of Order 91-016.
Description:	NOV sent 6/18/09 for violations of Order 91-016 including late report & missing information.
Program:	LNDISPOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	NU-WAY LIVE OAK RECLAMATION
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
Facility Id:	245483

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Agency Name:	Mnoian Management, Inc.
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.10903
Place Longitude:	-117.975586
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:	0
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Inert solid wastes
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	4B190363001
Reg Measure Id:	134756
Reg Measure Type:	WDR
Region:	4
Order #:	91-016
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	2000
Status:	Active
Status Date:	11/13/2015
Effective Date:	01/28/1991
Expiration/Review Date:	05/27/2015
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

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	242977
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	06/10/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/10/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 6/10/03 for noncompliance with WDRs (accepting non-inert wastes).
Description:	NOV sent 6/10/03 for noncompliance with WDRs (accepting non-inert wastes).
Program:	LNDISPOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	NU-WAY LIVE OAK RECLAMATION
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
Facility Id:	245483
Agency Name:	Mnoian Management, Inc.
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.10903
Place Longitude:	-117.975586
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

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Design Flow:	0
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Inert solid wastes
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	4B190363001
Reg Measure Id:	134756
Reg Measure Type:	WDR
Region:	4
Order #:	91-016
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	2000
Status:	Active
Status Date:	11/13/2015
Effective Date:	01/28/1991
Expiration/Review Date:	05/27/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	235193
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	03/30/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/30/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Notice of Violation sent 3/30/01 for noncompliance with WDRs.
Description:	Notice of Violation sent 3/30/01 for noncompliance with WDRs.
Program:	LNDISPOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	NU-WAY LIVE OAK RECLAMATION
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
Facility Id:	245483
Agency Name:	Mnoian Management, Inc.
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.10903
Place Longitude:	-117.975586
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:	0
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Inert solid wastes
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	4B190363001
Reg Measure Id:	134756
Reg Measure Type:	WDR
Region:	4
Order #:	91-016
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Application Fee Amt Received:	2000
Status:	Active
Status Date:	11/13/2015
Effective Date:	01/28/1991
Expiration/Review Date:	05/27/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	228055
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/17/1999
Adoption/Issuance Date:	12/17/1999
Achieve Date:	Not reported
Termination Date:	12/17/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Staff enforcement ltr sent 12/17/99 requesting rpt on green waste processing.
Description:	Submit a report describing actions taken to separate green waste processing from the inter landfill disposal operations & protection of green wastes from stormwater runoff.
Program:	LNDISPOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CA Financial Assurance 2:

Name:	NU-WAY LIVE OAK RECLAMATION, INC.
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Region:	2
SWIS_NO:	19-AA-0849
Closure Approved:	No
Closure Inf Coverage Date:	Not reported
Closure Plan Coverage:	Not reported
Closure Plan Date:	Not reported
PostClose Approved:	No
PostClose Adequacy Date:	Not reported
PostClose Inf Coverage:	Not reported

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

PostClose Inf Coverage Date:	Not reported
CorActCoverage:	0
CorActApproved:	No
CorAct Mec Adequacy Date:	Not reported
CorAct Inf Coverage:	Not reported
CorActPlanCoverage:	Not reported
CorAct Plan Date:	Not reported
Lia Coverage:	1000000
Lia Approved:	Yes
Review:	01/14/2008
Closure Mechanism A:	Not reported
Closure Mechanism B:	Not reported
Closure Coverage:	0
Closure Adequacy:	Not reported
Closure Inflation Estimate:	Not reported
Post Closure Mechanism A:	Not reported
Post Closure Established A:	Not reported
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	0
Post Closure Adequacy:	Not reported
Corrective Action Extablished A:	Not reported
Corrective Actiont Coverage:	0
Corrective Action Approved:	No
Corrective Action Inflation Estimate:	Not reported
Corrective Action Inflationdate:	Not reported
Corrective Action Plan Estimate:	Not reported
Liability Mechanism A:	INSURANCE
Liability Established A:	01/01/2008
Liability Mechanism B:	Not reported
CostAnniversary:	01/31/2009
ClosureEstablishedA:	Not reported
ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	Not reported
CorrectiveActionMechanismB:	Not reported
CorrectiveActionExtablishedB:	Not reported
CorrectiveActiontDisbursement:	0
LiabilityEstablIishedB:	Not reported
LiabilityAdequacy:	Not reported
Responsible Party:	American Intl. Specialty Lines Ins. Co.
Provider:	Nu-Way Live Oak Landfill, a div. of WM
Contact:	Not reported

HAZNET:

Name:	LBC IRWINDALE LLC DBA LB CRUSHING
Address:	13620 LIVE OAK LN
Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 91706
Contact:	DEEDEE CASTILLO
Telephone:	9098417166
Mailing Name:	Not reported
Mailing Address:	17859 SANTIAGO BLVD STE C
Year:	2017
Gepaid:	CAL000422766

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

TSD EPA ID:	CAD097030993
CA Waste Code:	491 - Unspecified sludge waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935

Additional Info:

Year:	2017
Gen EPA ID:	CAL000422766
Shipment Date:	20170623
Creation Date:	5/29/2018 18:30:17
Receipt Date:	20170628
Manifest ID:	017451394JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site–No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WDS:

Name:	NU-WAY LIVE OAK RECLAMATION
Address:	13620 Live Oak Ln
City:	IRWINDALE
Facility ID:	Los Angeles River 190363001
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	4
Facility Telephone:	6263019727
Facility Contact:	Jim Mnion
Agency Name:	MNQHAN MGMT.& GARRETT MGMT.
Agency Address:	P.O. Box 661238
Agency City,St,Zip:	Arcadia 91066
Agency Contact:	Jim Mnoian
Agency Telephone:	6263340719
Agency Type:	Private
SIC Code:	9511

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

SIC Code 2:	Not reported
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Primary Waste:	SLDWST
Waste Type2:	Not reported
Waste2:	Solid Wastes
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:

Name:	OWL ROCK LANDFILL/NU-WAY IND
Address:	13620 Live Oak Ln
City,State,Zip:	IRWINDALE, CA 91706
Region:	4
File Number:	106.2106
File Status:	**Not reported**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CIWQS:

Name:	NU-WAY LIVE OAK RECLAMATION
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Agency:	Mnoian Management, Inc.
Agency Address:	401 Rolyn Place, Arcadia, CA 91007
Place/Project Type:	Land fill
SIC/NAICS:	9511
Region:	4
Program:	LFOPER
Regulatory Measure Status:	Active
Regulatory Measure Type:	WDR
Order Number:	91-016
WDID:	4B190363001
NPDES Number:	Not reported

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Adoption Date:	01/28/1991
Effective Date:	01/28/1991
Termination Date:	Not reported
Expiration/Review Date:	05/27/2015
Design Flow:	0
Major/Minor:	Not reported
Complexity:	C
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.10903
Longitude:	-117.975586

Name:	NU-WAY LIVE OAK RECLAMATION
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Agency:	Mnoian Management.& Garrett Management.
Agency Address:	Po Box 661238, Arcadia, CA 91066
Place/Project Type:	Land fill
SIC/NAICS:	9511
Region:	4
Program:	LNDISP
Regulatory Measure Status:	Historical
Regulatory Measure Type:	WDR
Order Number:	86-021
WDID:	4B190363001
NPDES Number:	Not reported
Adoption Date:	03/24/1986
Effective Date:	03/24/1986
Termination Date:	01/28/1991
Expiration/Review Date:	03/24/1996
Design Flow:	0
Major/Minor:	Not reported
Complexity:	C
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.10903
Longitude:	-117.975586

Name:	SCE TRTP MATERIAL YARD 75 SOUTH
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Agency:	Southern California Edison
Agency Address:	2244 Walnut Grove Ave GO 1 Quad 2C, Rosemead, CA 91770
Place/Project Type:	Construction - Other, Utility: Contractor Material Yard
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	4 19C360573
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	03/11/2011
Termination Date:	11/27/2012

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

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:	34.10958
Longitude:	-117.977875

CERS:

Name:	NU-WAY LIVE OAK RECLAMATION, INC.
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA
Site ID:	510552
CERS ID:	19-AA-0849
CERS Description:	Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Mnoian Management, Inc. & Garrett Mgt.I.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Monrovia
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91018
Affiliation Phone:	6263577766

Affiliation Type Desc:	Legal Operator
Entity Name:	Waste Management
Entity Title:	Not reported
Affiliation Address:	Walter Kutschal District Manager766 South Ayon Avenue
Affiliation City:	Azusa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91702
Affiliation Phone:	6269691384

HWTS:

Name:	LBC IRWINDALE LLC DBA LB CRUSHING
Address:	13620 LIVE OAK LN
Address 2:	Not reported
City,State,Zip:	IRWINDALE, CA 91706
EPA ID:	CAL000422766
Inactive Date:	Not reported
Create Date:	12/02/2016
Last Act Date:	09/21/2020
Mailing Name:	Not reported
Mailing Address:	17859 SANTIAGO BLVD STE C
Mailing Address 2:	Not reported
Mailing City,State,Zip:	VILLA PARK, CA 928610000
Owner Name:	LBC IRWINDALE LLC
Owner Address:	17859 SANTIAGO BLVD STE C
Owner Address 2:	Not reported
Owner City,State,Zip:	VILLA PARK, CA 928610000

LBC IRWINDALE LLC DBA LB CRUSHING (Continued) **S102360726**

Contact Name:	DEEDEE CASTILLO
Contact Address:	321 W. 135TH STREET
Contact Address 2:	Not reported
City,State,Zip:	LOS ANGELES, CA 90061

NAICS:

EPA ID:	CAL000422766
Create Date:	2016-12-02 13:05:28.947
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2016-12-02 13:05:28.87300
Inactive Date:	Not reported
Facility Name:	LBC IRWINDALE LLC DBA LB CRUSHING
Facility Address:	13620 LIVE OAK LN
Facility Address 2:	Not reported
Facility City:	IRWINDALE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91706

N104 **NU-WAY LIVE OAK RECLAMATION, INC. (UP TO 2005)** **CA SWF/LF** **S118939152**
West **13620 LIVE OAK LANE** **N/A**
1/4-1/2 **IRWINDALE, CA 91706**
0.456 mi.
2407 ft. **Site 2 of 3 in cluster N**

Relative:
Lower

Actual:
400 ft.

LOS ANGELES CO. LF:

Name:	NU-WAY LIVE OAK RECLAMATION, INC. (UP TO 2005)
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	1066
Alt. Site Name:	Owl Rock Quarry
Alt. Address:	13623 Live Oak Avenue, Irwindale, CA
Site Contact:	Not reported
Site Contact Phone:	(626) 825-0001
Site Email:	Not reported
Site Website:	Not reported
Site Type:	Inert Landfill
Site SWIS Number:	19-AA-0849
Beginning Operation Date:	Not reported
Ending Operation Date:	Dec-05
Local Enforcement Agency:	County Public Health
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Open Space
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Inert;
Hours of Operation:	Not reported
Disposal Area (Acre):	52

Detail As Of 01/2014:

Operator Name:	Waste Management, Inc. - Sun Valley
Operator Address:	9081 Tujunga Avenue
Operator City/State/Zip:	Sun Valley, CA 91352-1516
Operator Contact:	Debbie Myers
Operator Telephone:	(818) 767-6180
Operator Email:	dmyer@wm.com

NU-WAY LIVE OAK RECLAMATION, INC. (UP TO 2005) (Continued) **S118939152**

Owner Name:	Mnoian Management, INC.
Owner Address:	1949 Myrtle Avenue
Owner City/State/Zip:	Monrovia, CA 91018
Owner Contact:	Not reported
Owner Telephone:	(626) 357-7766
Owner Email:	Not reported
District:	1
Site Mailing Address:	Not reported

N105 **NU-WAY LIVE OAK RECLAMATION, INC. (2006 +)** **CA SWF/LF** **S118939151**
West **13620 LIVE OAK LANE** **CA CERS** **N/A**
1/4-1/2 **IRWINDALE, CA 91706**
0.456 mi.
2407 ft. **Site 3 of 3 in cluster N**

Relative:
Lower

Actual:
400 ft.

LOS ANGELES CO. LF:

Name:	NU-WAY LIVE OAK RECLAMATION, INC. (2006 +)
Address:	13620 LIVE OAK LANE
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	10
Alt. Site Name:	Owl Rock Quarry
Alt. Address:	13623 Live Oak Avenue, Irwindale, CA
Site Contact:	Not reported
Site Contact Phone:	(626) 969-1384x47
Site Email:	Not reported
Site Website:	Not reported
Site Type:	Inert Debris Engineered Fill Operation
Site SWIS Number:	19-AA-0849
Beginning Operation Date:	Jan-06
Ending Operation Date:	Jan-10
Local Enforcement Agency:	County Public Health
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	7500
Present Use:	Open Space
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Inert;
Hours of Operation:	Not reported
Disposal Area (Acre):	52

Detail As Of 01/2014:

Operator Name:	Waste Management, Inc. - Sun Valley
Operator Address:	9081 Tujunga Avenue
Operator City/State/Zip:	Sun Valley, CA 91352-1516
Operator Contact:	Debbie Myers
Operator Telephone:	(818) 767-6180
Operator Email:	dmyer@wm.com
Owner Name:	Mnoian Management, INC.
Owner Address:	1949 Myrtle Avenue
Owner City/State/Zip:	Monrovia, CA 91018
Owner Contact:	Not reported
Owner Telephone:	(626) 357-7766
Owner Email:	Not reported
District:	1
Site Mailing Address:	Not reported

CERS:

Name:	NU-WAY LIVE OAK LANDFILL INC IRWINDALE

NU-WAY LIVE OAK RECLAMATION, INC. (2006 +) (Continued) **S118939151**

Address:	13620 LIVE OAK LN
City,State,Zip:	IRWINDALE, CA 91706
Site ID:	483724
CERS ID:	110013831425
CERS Description:	US EPA Air Emission Inventory System (EIS)

O106 **NU-WAY LIVE OAK RECLAMATION (UP TO 2005)** **CA LOS ANGELES CO LF METHANE** **S127127861**
WNW **N/A**
1/4-1/2 **, CA**
0.481 mi.
2542 ft. **Site 1 of 2 in cluster O**

Relative: LOS ANGELES CO LF METHANE:
Lower

Name:	NU-WAY LIVE OAK RECLAMATION (UP TO 2005)
Address:	Not reported
City,State,Zip:	CA
Site Number:	1066
Status:	Not reported
Description:	Not reported
Operator Name:	Not reported
Operator Telephone:	Not reported
Sup District:	1
Shape Length:	6944.2354626
Shape Area:	2746372.7712
Latitude:	34.110899542
Longitude:	-117.97699824

Actual:
403 ft.

O107 **NU-WAY LIVE OAK RECLAMATION (2006+)** **CA LOS ANGELES CO LF METHANE** **S127127864**
WNW **N/A**
1/4-1/2 **, CA**
0.481 mi.
2542 ft. **Site 2 of 2 in cluster O**

Relative: LOS ANGELES CO LF METHANE:
Lower

Name:	NU-WAY LIVE OAK RECLAMATION (2006+)
Address:	Not reported
City,State,Zip:	CA
Site Number:	10
Status:	Not reported
Description:	Not reported
Operator Name:	Not reported
Operator Telephone:	Not reported
Sup District:	1
Shape Length:	6944.2354626
Shape Area:	2746372.7712
Latitude:	34.110899542
Longitude:	-117.97699824

Actual:
403 ft.

P108 **CHUMO CONSTRUCTION INC** **CA LUST** **U001568735**
ESE **14427 JOANBRIDGE ST** **CA HIST UST** **N/A**
1/4-1/2 **BALDWIN PARK, CA 91706** **CA HIST CORTESE**
0.489 mi. **CA LOS ANGELES CO. HMS**
2581 ft. **Site 1 of 2 in cluster P**

Relative: Higher
Actual: 431 ft.

LUST:

Name:	CHUMO CONSTRUCTION
Address:	14427 JOANBRIDGE ST
City,State,Zip:	BALDWIN PARK, CA 91706
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703830
Global Id:	T0603703830
Latitude:	34.105855
Longitude:	-117.959433
Status:	Completed - Case Closed
Status Date:	08/01/1991
Case Worker:	JOA
RB Case Number:	I-11673
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603703830
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Global Id:	T0603703830
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603703830
Action Type:	Other
Date:	01/30/1991
Action:	Leak Discovery

Global Id:	T0603703830
Action Type:	Other
Date:	01/30/1991
Action:	Leak Stopped

Global Id:	T0603703830
Action Type:	Other

CHUMO CONSTRUCTION INC (Continued) **U001568735**

Date: 02/20/1991
Action: Leak Reported

LUST:
Global Id: T0603703830
Status: Open - Case Begin Date
Status Date: 01/30/1991

Global Id: T0603703830
Status: Open - Site Assessment
Status Date: 02/20/1991

Global Id: T0603703830
Status: Completed - Case Closed
Status Date: 08/01/1991

HIST UST:
Name: CHUMO CONSTRUCTION INC
Address: 14427 JOANBRIDGE ST
City,State,Zip: BALDWIN PARK, CA 91706
File Number: 00026B3C
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026B3C.pdf
Region: STATE
Facility ID: 00000018999
Facility Type: Other
Other Type: CONSTRUCTION
Contact Name: GEORGE CHUMO
Telephone: 8189609502
Owner Name: GEORGE CHUMO
Owner Address: 14427 JOANBRIDGE ST
Owner City,St,Zip: BALDWIN PARK, CA 91706
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000500

CHUMO CONSTRUCTION INC (Continued) **U001568735**

Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, None

Click here for Geo Tracker PDF:

HIST CORTESE:
edr_fname: CHUMO CONSTRUCTION
edr_fadd1: 14427 JOANBRIDGE
City,State,Zip: BALDWIN PARK, CA 91706
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-11673

LOS ANGELES CO. HMS:
Name: CHUMO CONSTRUCTION INC
Address: 14427 JOANBRIDGE ST
City,State,Zip: BALDWIN PARK, CA 91706
Region: LA
Permit Category: T
Facility Id: 011621-011673
Facility Type: 0
Facility Status: Removed
Area: 3X
Permit Number: 00003243T
Permit Status: Removed

P109 **CHUMO CONSTRUCTION** **CA LUST** **S105033866**
ESE **14427 JOANBRIDGE ST** **CA Cortese** **N/A**
1/4-1/2 **BALDWIN PARK, CA 91706** **CA WIP**
0.489 mi. **CA CERS**
2581 ft. **Site 2 of 2 in cluster P**

Relative: Higher
Actual: 431 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-11673
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703830
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: SIERRA MADRE AVE
Enforcement Type: Not reported
Date Leak Discovered: 1/30/1991
Date Leak First Reported: 2/20/1991
Date Leak Record Entered: 4/5/1991
Date Confirmation Began: Not reported
Date Leak Stopped: 1/30/1991

CHUMO CONSTRUCTION (Continued) **S105033866**

Date Case Last Changed on Database:		4/18/1991
Date the Case was Closed:		8/1/1991
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	CHUMO, GEORGE	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		215.357431228405456381612885 21
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		2/20/1991
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BLANK RP	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.1056612 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	OLD CASE #041891-06	

CORTESE:

Name:	CHUMO CONSTRUCTION
Address:	14427 JOANBRIDGE ST
City,State,Zip:	BALDWIN PARK, CA 91706
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603703830
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported

CHUMO CONSTRUCTION (Continued) **S105033866**

Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

WIP:
Name: CHUMO CONSTRUCTION, INC.
Address: 14427 Joanbridge St
City,State,Zip: BALDWIN PARK, CA 91706
Region: 4
File Number: 108.1336
File Status: Historical
Staff: PAR
Facility Suite: Not reported

CERS:
Name: CHUMO CONSTRUCTION
Address: 14427 JOANBRIDGE ST
City,State,Zip: BALDWIN PARK, CA 91706
Site ID: 210046
CERS ID: T0603703830
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

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110 North 1/2-1 0.582 mi. 3075 ft. **ALPHA II/IRWINDALE** **CA ENVIROSTOR S101481055**
2432-2536 BATEMAN AVENUE **CA VCP N/A**
IRWINDALE, CA 91706

Relative: Higher
Actual: 444 ft.

ENVIROSTOR:
Name: ALPHA II/IRWINDALE
Address: 2432-2536 BATEMAN AVENUE
City,State,Zip: IRWINDALE, CA 91706

ALPHA II/IRWINDALE (Continued) **S101481055**

Facility ID:	19750076
Status:	No Further Action
Status Date:	02/10/1997
Site Code:	300365
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	16
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Allan Plaza
Division Branch:	Cleanup Chatsworth
Assembly:	48
Senate:	22
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.11694
Longitude:	-117.9669
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS, JUNKYARD, MAINTENANCE / CLEANING
Potential COC:	* HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * OTHER ORGANIC SOLIDS * OXYGENATED SOLVENTS * OFF-SPECIFICATION, AGED, OR SURPLUS ORGANICS * UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL * OFF-SPECIFICATION, AGED, OR SURPLUS INORGANICS * ORGANIC LIQUIDS (NONSOLVENTS) WITH HALOGENS * PHARMACEUTICAL WASTE * UNSPECIFIED ORGANIC LIQUID MIXTURE * AUTO SHREDDER WASTE Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	ALPHA II
Alias Type:	Alternate Name
Alias Name:	ALPHA II SITE
Alias Type:	Alternate Name
Alias Name:	ICRA PROPERTIES
Alias Type:	Alternate Name
Alias Name:	IRWINDALE BUENA VISTA INDUSTRIAL PARK
Alias Type:	Alternate Name
Alias Name:	IRWINDALE COMMUNITY REDEVELOPMENT AGENCY
Alias Type:	Alternate Name
Alias Name:	110033614140
Alias Type:	EPA (FRS #)
Alias Name:	300365
Alias Type:	Project Code (Site Code)
Alias Name:	19750076
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	08/20/1996
Comments:	The Voluntary Cleanup Agreement was amended to provide additional DTSC review and comment of documents added to the Scope of Work.
Completed Area Name:	PROJECT WIDE

ALPHA II/IRWINDALE (Continued) **S101481055**

Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	11/30/1995
Comments:	DTSC entered into a Voluntary Cleanup Agreement to review a Preliminary Endangerment Assessment addendum document including a revised Human Health Screening Evaluation for the Alpha II Site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	02/10/1997
Comments:	DTSC has completed the review of the supplemental information for the PEA. Based upon DTSC's review of the provided information, DTSC concurred with the Addendum to the PEA recommendation that no further action is warranted at the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/30/1993
Comments:	On September 30, 1993, DTSC completed review of the PEA. Based on the information provided in the PEA, the Site exhibits elevated levels of PCBs and Cadmium that pose a potential threat to human health and/or the environment. Therefore, DTSC determined that "Further Action" is warranted at the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	06/24/1993
Comments:	On June 22, 1993, DTSC received a Notice of Intent to initiate a PEA. The Site consists of 11 Parcels of land and approximately 16 acres. The past uses of the Site included automobile wrecking yards, a used car lot, an auto salvage yard, and an auto repair lot. Currently the Site belongs to Irwindale Community Redevelopment Agency. The Site was contaminated with waste oil and lead. RP states that the site was remediated including the removal of site structures and scrap, excavation and removal of soils with concentrations exceeding 1,000 ppm TPH and lead. RP intented to submit a PEA to ensure NFA at the site.
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

VCP:

Name:	ALPHA II/IRWINDALE
Address:	2432-2536 BATEMAN AVENUE
City,State,Zip:	IRWINDALE, CA 91706
Facility ID:	19750076
Site Type:	Voluntary Cleanup

ALPHA II/IRWINDALE (Continued) **S101481055**

Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	16
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Allan Plaza
Division Branch:	Cleanup Chatsworth
Site Code:	300365
Assembly:	48
Senate:	22
Special Programs Code:	Voluntary Cleanup Program
Status:	No Further Action
Status Date:	02/10/1997
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.11694 / -117.9669
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS, JUNKYARD, MAINTENANCE / CLEANING
Potential COC:	10003, 10009, 10064, 10067, 10100, 10196, 10198, 10199, 20009, 20010, 20014, 20017, 20019, 30013
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	ALPHA II
Alias Type:	Alternate Name
Alias Name:	ALPHA II SITE
Alias Type:	Alternate Name
Alias Name:	ICRA PROPERTIES
Alias Type:	Alternate Name
Alias Name:	IRWINDALE BUENA VISTA INDUSTRIAL PARK
Alias Type:	Alternate Name
Alias Name:	IRWINDALE COMMUNITY REDEVELOPMENT AGENCY
Alias Type:	Alternate Name
Alias Name:	110033614140
Alias Type:	EPA (FRS #)
Alias Name:	300365
Alias Type:	Project Code (Site Code)
Alias Name:	19750076
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	08/20/1996
Comments:	The Voluntary Cleanup Agreement was amended to provide additional DTSC review and comment of documents added to the Scope of Work.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	11/30/1995
Comments:	DTSC entered into a Voluntary Cleanup Agreement to review a Preliminary Endangerment Assessment addendum document including a revised Human Health Screening Evaluation for the Alpha II Site.

ALPHA II/IRWINDALE (Continued) **S101481055**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	02/10/1997
Comments:	DTSC has completed the review of the supplemental information for the PEA. Based upon DTSC's review of the provided information, DTSC concurred with the Addendum to the PEA recommendation that no further action is warranted at the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/30/1993
Comments:	On September 30, 1993, DTSC completed review of the PEA. Based on the information provided in the PEA, the Site exhibits elevated levels of PCBs and Cadmium that pose a potential threat to human health and/or the environment. Therefore, DTSC determined that "Further Action" is warranted at the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	06/24/1993
Comments:	On June 22, 1993, DTSC received a Notice of Intent to initiate a PEA. The Site consists of 11 Parcels of land and approximately 16 acres. The past uses of the Site included automobile wrecking yards, a used car lot, an auto salvage yard, and an auto repair lot. Currently the Site belongs to Irwindale Community Redevelopment Agency. The Site was contaminated with waste oil and lead. RP states that the site was remediated including the removal of site structures and scrap, excavation and removal of soils with concentrations exceeding 1,000 ppm TPH and lead. RP intented to submit a PEA to ensure NFA at the site.
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

Q111 **SANTA FE DAM** **CA ENVIROSTOR** **S107737276**
NNW **N/A**
1/2-1 **AZUSA, CA**
0.632 mi.
3339 ft. **Site 1 of 2 in cluster Q**

Relative: **Higher**
Actual: **435 ft.**

ENVIROSTOR:

Name:	SANTA FE DAM
Address:	Not reported
City,State,Zip:	AZUSA, CA
Facility ID:	80000471
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported

SANTA FE DAM (Continued) **S107737276**

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:	48
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.11666
Longitude:	-117.9736
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F562000
Alias Type:	Federal Facility ID
Alias Name:	J09CA0618
Alias Type:	INPR
Alias Name:	80000471
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:	09/16/1993
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Q112 **SANTA FE DAM** **FUDS** **1024903666**
NNW **N/A**
1/2-1 **AZUSA, CA**
0.633 mi.
3343 ft. **Site 2 of 2 in cluster Q**

Relative:
Higher

Actual:
435 ft.

FUDS:

EPA Region:	9
Installation ID:	CA99799F562000
Congressional District Number:	32
Name:	SANTA FE DAM
FUDS Number:	J09CA0618

SANTA FE DAM (Continued) **1024903666**

City:	AZUSA
State:	CA
County:	LOS ANGELES
Object ID:	678
USACE Division:	SPD
USACE District:	Los Angeles District (SPL)
Status:	Properties without projects
Current Owner:	Not reported
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=61195
Eligibility:	Ineligible
Has Projects:	No
NPL Status:	Not on the NPL
Property History:	Construction on the dam and appurtenanct work was initiated on 8 August 1941 and completed on 23 September 1943. construction on embankment and spillway was initiated on 24 June 1946 and completed on 14 Februart 1947.
Project Required:	No
Feature Description:	Not reported
Latitude:	34.116666670000001
Longitude:	-117.97361110999999

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BALDWIN PARK	S100833442	SAN GABRIEL GROUND WATER BASIN 2	BALDWIN PARK AREA	91706	CA BOND EXP. PLAN
IRWINDALE	S121635431	E LIVE OAK AVE RIVERGRADE RD	E LIVE OAK AVE RIVERGRADE RD	91706	CA CIWQS
IRWINDALE	S126983267	VALLEY TRANSFER STATION	13260 EAST LIVE OAK AVENUE	91706	CA 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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 01/10/2022
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 01/10/2022
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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 01/10/2022
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: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
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 know 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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 01/24/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
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: 07/12/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 77

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
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: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 61

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
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 identifes 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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 87

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

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

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
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
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
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.

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 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 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: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
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
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

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: 05/20/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/30/2021
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
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
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Varies

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: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds 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: 06/17/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/13/2021
Number of Days to Update: 88
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
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: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 12/27/2021
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.

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: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
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: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 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: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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 Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
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
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
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: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

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: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83
Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
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.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 12/01/2019
Date Data Arrived at EDR: 08/19/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 08/19/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

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

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: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2021
Next Scheduled EDR Contact: 02/14/2022
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.

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: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
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: 05/27/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 01/10/2022
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: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/13/2021
Next Scheduled EDR Contact: 01/03/2022
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: 06/30/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
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.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
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: 08/10/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 66

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
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: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
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: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
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
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/17/2021
Next Scheduled EDR Contact: 12/27/2021
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: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
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: 07/19/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Annually

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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 12/13/2021
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
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: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
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: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/03/2021
Next Scheduled EDR Contact: 12/13/2021
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: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
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: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/27/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
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: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
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: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
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: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 01/10/2022
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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
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: 05/03/2021
Date Data Arrived at EDR: 05/25/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 78

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

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: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
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: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

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: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 62

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 12/20/2021
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: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/26/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
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.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 70
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
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: 06/17/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
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: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/24/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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: 05/25/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/17/2021
Next Scheduled EDR Contact: 12/27/2021
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: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/04/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/31/2022
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: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/21/2022
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.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
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: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 87

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
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: 07/01/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
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.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
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: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
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: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/27/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
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.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 06/07/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

CIWQS: 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: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/12/2021
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
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: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR 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.

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:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/22/2021
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 42

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 07/02/2021
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/11/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 07/23/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 77

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: 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: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: 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: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: 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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 56

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: 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: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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: N/A
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/08/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/24/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/24/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/24/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: 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: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: 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: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 04/07/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 06/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: 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: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/29/2021
Date Made Active in Reports: 10/19/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/28/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: 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: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: 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: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: 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: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: 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: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: 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: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite 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: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/31/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/11/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 89

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: 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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/04/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: 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

LUST SANTA CLARA: 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: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: 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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: 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: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/22/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/12/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/14/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: 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: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: 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: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 81

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

LF VENTURA: 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: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: No Update Planned

LUST VENTURA: 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: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: 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: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 80

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/22/2021
Date Data Arrived at EDR: 06/28/2021
Date Made Active in Reports: 09/21/2021
Number of Days to Update: 85

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/23/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 90

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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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.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data 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 and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

14005 LIVE OAK AVE
14005 LIVE OAK AVE
BALDWIN PARK, CA 91706

TARGET PROPERTY COORDINATES

Latitude (North):	34.107652 - 34° 6' 27.55''
Longitude (West):	117.968547 - 117° 58' 6.77''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	410666.2
UTM Y (Meters):	3774321.0
Elevation:	414 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12015951 BALDWIN PARK, CA
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

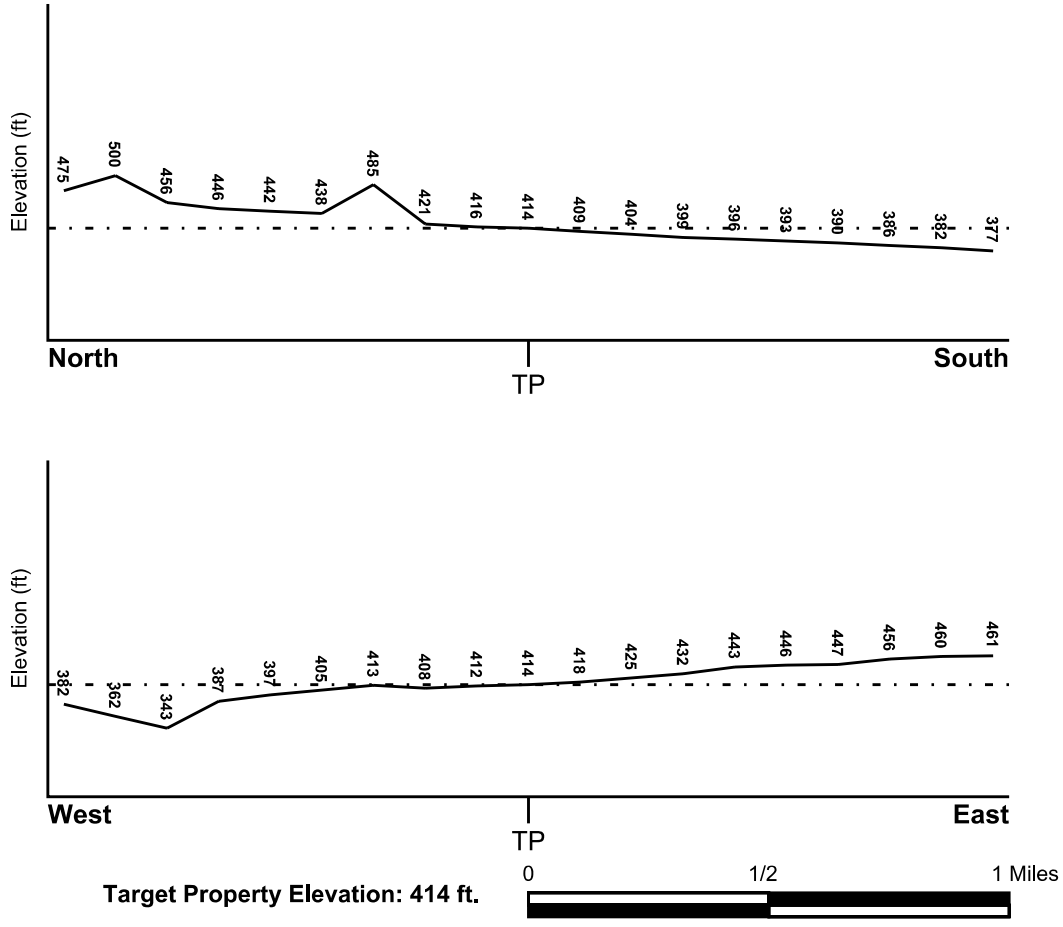
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1700F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BALDWIN PARK	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1.000 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B7	USGS40000141107	1/4 - 1/2 Mile ESE
C12	USGS40000141118	1/4 - 1/2 Mile ESE
G43	USGS40000140997	1/2 - 1 Mile SW
G45	USGS40000140995	1/2 - 1 Mile SW
G46	USGS40000140996	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

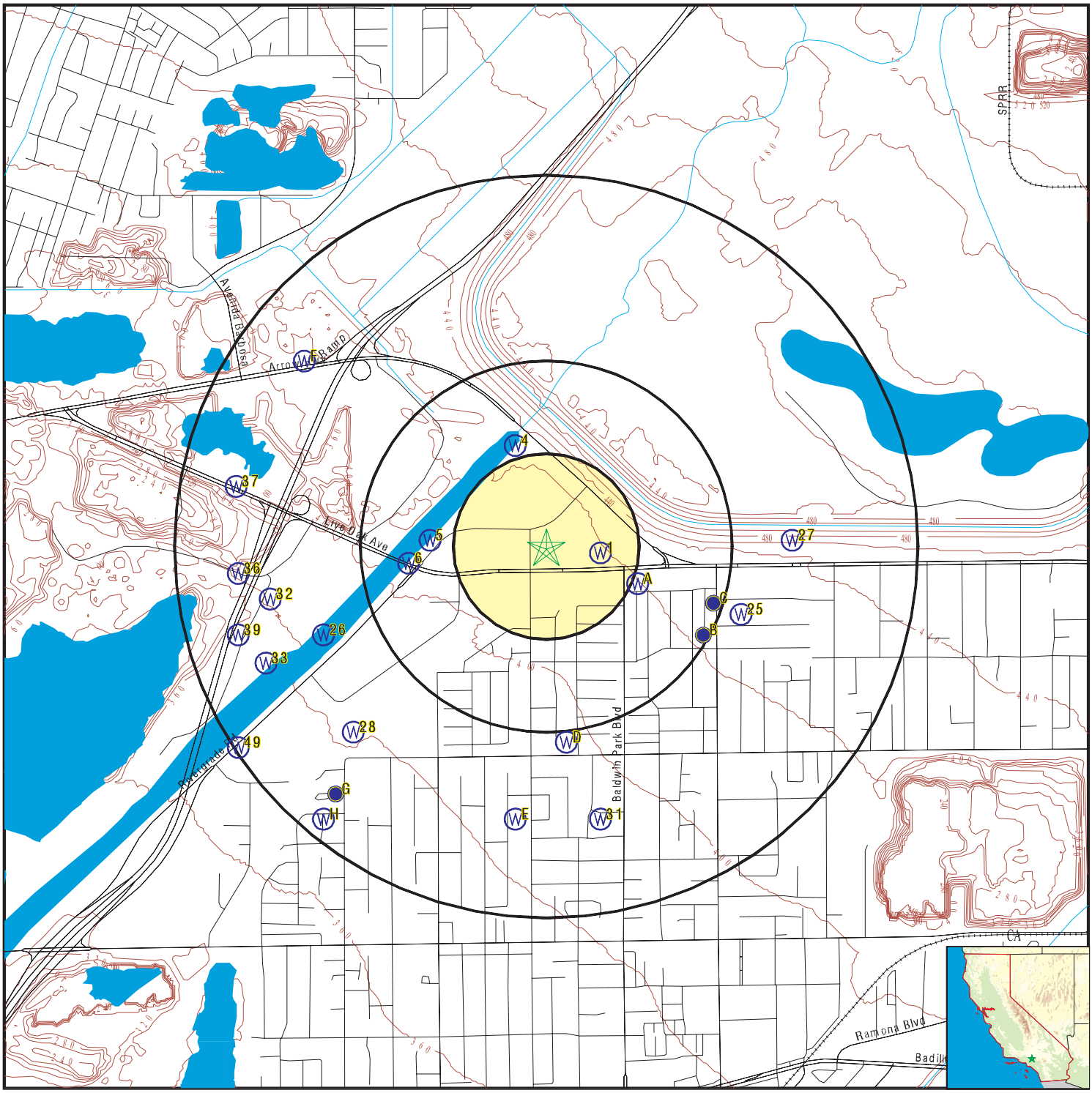
MAP ID	WELL ID	LOCATION FROM TP
1	CADWR9000006843	1/8 - 1/4 Mile East
A2	CADDW0000006106	1/4 - 1/2 Mile ESE
A3	CADDW0000017888	1/4 - 1/2 Mile ESE
4	CADWR9000006861	1/4 - 1/2 Mile NNW
5	CADWR0000019281	1/4 - 1/2 Mile West
6	CADWR9000006840	1/4 - 1/2 Mile West
C8	CAPFAS000000076	1/4 - 1/2 Mile ESE
C9	CADDW0000014336	1/4 - 1/2 Mile ESE
C10	CADDW0000011286	1/4 - 1/2 Mile ESE
C11	CAPFAS000001541	1/4 - 1/2 Mile ESE
C13	CAUSGS000001005	1/4 - 1/2 Mile ESE
C14	CAUSGSN00006805	1/4 - 1/2 Mile ESE
B15	CADWR0000037162	1/4 - 1/2 Mile ESE
B16	CADWR0000024003	1/4 - 1/2 Mile ESE
B17	CADWR0000008509	1/4 - 1/2 Mile ESE
B18	CADWR0000028501	1/4 - 1/2 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B19	CADWR0000025226	1/4 - 1/2 Mile ESE
C20	CADWR0000008507	1/2 - 1 Mile ESE
D21	1248	1/2 - 1 Mile South
D22	1247	1/2 - 1 Mile South
D23	1250	1/2 - 1 Mile South
D24	1249	1/2 - 1 Mile South
25	CALLNL000000205	1/2 - 1 Mile ESE
26	CADWR0000024896	1/2 - 1 Mile WSW
27	CADWR0000016908	1/2 - 1 Mile East
28	CADPR0000002176	1/2 - 1 Mile SW
E29	CADWR0000019282	1/2 - 1 Mile South
E30	CADWR0000006054	1/2 - 1 Mile South
31	CADWR0000004824	1/2 - 1 Mile SSE
32	CAEDF0000070960	1/2 - 1 Mile West
33	CADPR0000001282	1/2 - 1 Mile WSW
F34	CAEDF0000044931	1/2 - 1 Mile NW
F35	CAEDF0000110977	1/2 - 1 Mile NW
36	CADWR9000006837	1/2 - 1 Mile West
37	CAEDF0000091863	1/2 - 1 Mile West
G38	CALLNL000001463	1/2 - 1 Mile SW
39	CADWR0000000092	1/2 - 1 Mile WSW
G40	CADDW0000005216	1/2 - 1 Mile SW
G41	CAUSGSN00012901	1/2 - 1 Mile SW
G42	CAUSGS000001557	1/2 - 1 Mile SW
G44	CADDW0000002560	1/2 - 1 Mile SW
H47	CADWR0000001306	1/2 - 1 Mile SW
H48	CADWR0000032432	1/2 - 1 Mile SW
49	CADWR9000006805	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 6756447.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	14005 Live Oak Ave	CLIENT:	Ramboll
ADDRESS:	14005 Live Oak Ave Baldwin Park CA 91706	CONTACT:	Tattiana Mason
LAT/LONG:	34.107652 / 117.968547	INQUIRY #:	6756447.2s
		DATE:	November 18, 2021 6:46 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **East** **1/8 - 1/4 Mile** **Higher**	**CA WELLS**	**CADWR9000006843**

State Well #:	Not Reported	Station ID:	48931
Well Name:	NA	Basin Name:	San Gabriel Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	452	Well Completion Rpt #:	Not Reported

	Database	EDR ID Number
A2 **ESE** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CADDW0000006106**

Well ID:	1910009-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 06W CLINTON O. NIXON WEST		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910009-006&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
A3 **ESE** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CADDW0000017888**

Well ID:	1910009-005	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 06E CLINTON O. NIXON EAST		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910009-005&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
4 **NNW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CADWR9000006861**

State Well #:	Not Reported	Station ID:	48923
Well Name:	USGVMWD-1	Basin Name:	San Gabriel Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	400	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

5
West
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000019281**

Well ID:	01S10W06N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W06N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W06N001S&store_num=		
GeoTracker Data:	Not Reported		

6
West
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR9000006840**

State Well #:	Not Reported	Station ID:	48924
Well Name:	USGVMWD-2	Basin Name:	San Gabriel Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	400	Well Completion Rpt #:	Not Reported

B7
ESE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000141107**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W06J001S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

C8
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CAPFAS000000076**

Well ID:	1910009-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02 MAIN ST. WEST	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910009-002&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C9
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000014336**

Well ID:	1910009-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02 MAIN ST. WEST	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910009-002&store_num=		
GeoTracker Data:	Not Reported		

C10
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000011286**

Well ID:	1910009-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 MAIN ST. EAST	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910009-001&store_num=		
GeoTracker Data:	Not Reported		

C11
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CAPFAS000001541**

Well ID:	1910009-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 MAIN ST. EAST	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910009-001&store_num=		
GeoTracker Data:	Not Reported		

C12
ESE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000141118**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S010W07A006S	Type:	Well
Description:	GAMA ULAB SLOW	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19610924	Well Depth:	580
Well Depth Units:	ft	Well Hole Depth:	600
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1961-09-24
Feet below surface:	215.00	Feet to sea level:	Not Reported
Note:	Not Reported		

C13
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CAUSGS000001005**

C14
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CAUSGSN00006805**

Well ID:	USGS-340618117573401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340618117573401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340618117573401&store_num=		
GeoTracker Data:	Not Reported		

B15
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000037162**

Well ID:	01S10W07A001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W07A001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W07A001S&store_num=		
GeoTracker Data:	Not Reported		

B16
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000024003**

Well ID:	01S10W07A007S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W07A007S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W07A007S&store_num=		
GeoTracker Data:	Not Reported		

B17
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000008509**

Well ID:	01S10W07A002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W07A002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W07A002S&store_num=		

GeoTracker Data: Not Reported

B18
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000028501**

Well ID:	01S10W07A008S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W07A008S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W07A008S&store_num=		
GeoTracker Data:	Not Reported		

B19
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000025226**

Well ID:	01S10W07A004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W07A004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W07A004S&store_num=		
GeoTracker Data:	Not Reported		

C20
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000008507**

Well ID:	01S10W07A006S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W07A006S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W07A006S&store_num=		
GeoTracker Data:	Not Reported		

D21
South
1/2 - 1 Mile
Lower

CA WELLS **1248**

Seq:	1248	Prim sta c:	01S/10W-07A02 S
Frds no:	1910009005	County:	19
District:	07	User id:	4TH
System no:	1910009	Water type:	G
Source nam:	WELL 06E JOAN BRIDGE EAST - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340600.0	Longitude:	1175800.0
Precision:	8	Status:	AT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	1910009	System nam:	Valley County Water Dist.
Hqname:	Not Reported	Address:	14521 E RAMONA BLD
City:	BALDWIN PARK	State:	CA
Zip:	91706	Zip ext:	Not Reported
Pop serv:	45000	Connection:	11664
Area serve:	BALDWIN PARK		

Sample date:	26-FEB-18	Finding:	0.76
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	21-FEB-18	Finding:	0.71
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-NOV-17	Finding:	0.68
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	16-OCT-17	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	16-OCT-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	16-OCT-17	Finding:	0.59
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-SEP-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	21-SEP-17	Finding:	0.79
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-SEP-17	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	29-AUG-17	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	29-AUG-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	29-AUG-17	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	23-AUG-17	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	23-AUG-17	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	23-AUG-17	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JUL-17	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-17	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	2.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	2.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	0.79
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	0.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAY-17	Finding:	0.86
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-APR-17	Finding:	0.77
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-NOV-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-NOV-16	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-NOV-16	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	07-NOV-16	Finding:	3.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-NOV-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-OCT-16	Finding:	3.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-SEP-16	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	1.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-16	Finding:	4.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-AUG-16	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	25-JUL-16	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JUL-16	Finding:	3.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-16	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-16	Finding:	0.47
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-16	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	20-JUN-16	Finding:	0.151
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	1.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	20-JUN-16	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUN-16	Finding:	0.65
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUN-16	Finding:	4.e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	0.462
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	0.258
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	0.25
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

Dlr:	0.1		
Sample date:	15-JUN-16	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-16	Finding:	0.59
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	0.27
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	28-OCT-15	Finding:	25.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	3.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	16.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	9.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	49.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-OCT-15	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	7.92
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-OCT-15	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	28-OCT-15	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	23.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	0.68
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	6.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-AUG-15	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-AUG-15	Finding:	1.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-AUG-15	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	1.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-15	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	2.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-15	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-15	Finding:	0.92
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-15	Finding:	6.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	01-JUN-15	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-JUN-15	Finding:	0.86
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-OCT-14	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-OCT-14	Finding:	8.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	31-OCT-14	Finding:	1.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-OCT-14	Finding:	3.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-OCT-14	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-OCT-14	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-SEP-14	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-SEP-14	Finding:	2.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-14	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-14	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-AUG-14	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-AUG-14	Finding:	0.98
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	07-AUG-14	Finding:	1.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	2.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JUL-14	Finding:	2.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUL-14	Finding:	0.95
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUL-14	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUN-14	Finding:	0.75
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-14	Finding:	1.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-14	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-14	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-14	Finding:	4.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-APR-14	Finding:	4.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JAN-14	Finding:	4.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-DEC-13	Finding:	3.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-NOV-13	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-13	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	04-NOV-13	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-13	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-13	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-OCT-13	Finding:	0.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-OCT-13	Finding:	2.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-13	Finding:	0.67
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-SEP-13	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-13	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-13	Finding:	0.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-AUG-13	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-13	Finding:	0.55
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	15-AUG-13	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-13	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-13	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUN-13	Finding:	0.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUN-13	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-JUN-13	Finding:	0.51
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-13	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-13	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-13	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-APR-13	Finding:	4.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-FEB-13	Finding:	4.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-13	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-DEC-12	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-NOV-12	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-OCT-12	Finding:	6.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-OCT-12	Finding:	0.64
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	18-SEP-12	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-AUG-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-12	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUL-12	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JUN-12	Finding:	4.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-12	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAY-12	Finding:	3.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

D22
South
1/2 - 1 Mile
Lower

CA WELLS 1247

Seq:	1247	Prim sta c:	01S/10W-07A01 S
Frds no:	1910009006	County:	19
District:	07	User id:	4TH
System no:	1910009	Water type:	G
Source nam:	WELL 06W JOAN BRIDGE WEST	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340600.0	Longitude:	1175800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910009	System nam:	Valley County Water Dist.
Hqname:	Not Reported	Address:	14521 E RAMONA BLD
City:	BALDWIN PARK	State:	CA
Zip:	91706	Zip ext:	Not Reported
Pop serv:	45000	Connection:	11664
Area serve:	BALDWIN PARK		
Sample date:	13-FEB-18	Finding:	0.83
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-FEB-18	Finding:	0.61
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	12-FEB-18	Finding:	0.81
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-FEB-18	Finding:	0.58
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JAN-18	Finding:	0.86
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-JAN-18	Finding:	0.61
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-DEC-17	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-DEC-17	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-DEC-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-17	Finding:	0.53
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-17	Finding:	0.89
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-17	Finding:	0.98
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-17	Finding:	0.82
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-OCT-17	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-SEP-17	Finding:	0.73
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-AUG-17	Finding:	0.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-AUG-17	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-17	Finding:	0.66
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	0.91
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	0.94
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	0.76
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAY-17	Finding:	0.59
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-17	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-APR-17	Finding:	0.72
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	25-APR-17	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-APR-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-MAR-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-MAR-17	Finding:	0.94
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-MAR-17	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-FEB-17	Finding:	0.74
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-FEB-17	Finding:	0.99
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JAN-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-16	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-DEC-16	Finding:	0.58
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	0.92
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-NOV-16	Finding:	1.1
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L

Dlr:	1.		
Sample date:	07-NOV-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-NOV-16	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-NOV-16	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	0.85
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-SEP-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-SEP-16	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-16	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	0.64
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-AUG-16	Finding:	3.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-AUG-16	Finding:	0.23
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-AUG-16	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	25-JUL-16	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-16	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JUL-16	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-16	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JUN-16	Finding:	3.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-16	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAY-16	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAY-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-MAY-16	Finding:	3.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-16	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-16	Finding:	2.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-16	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-APR-16	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAR-16	Finding:	0.82
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	15-MAR-16	Finding:	1.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-FEB-16	Finding:	0.94
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-FEB-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-FEB-16	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-16	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-16	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	0.72
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-16	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-DEC-15	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-15	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-DEC-15	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	1.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	18-NOV-15	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-NOV-15	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-NOV-15	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-15	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-15	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-OCT-15	Finding:	1.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-OCT-15	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-OCT-15	Finding:	5.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	1.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-AUG-15	Finding:	6.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-AUG-15	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-15	Finding:	2.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-15	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	0.88
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUL-15	Finding:	4.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	3.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-MAY-15	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-MAY-15	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAY-15	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAY-15	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAY-15	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAY-15	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	2.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	0.94
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	25-MAR-15	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-15	Finding:	3.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-15	Finding:	1700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-MAR-15	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-MAR-15	Finding:	0.453
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	04-MAR-15	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	0.977
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	0.24
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-MAR-15	Finding:	25.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-MAR-15	Finding:	20.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	3.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	14.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	7.93
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	04-MAR-15	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	52.9
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	10.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-15	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-FEB-15	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-FEB-15	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-JAN-15	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-JAN-15	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JAN-15	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-DEC-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-DEC-14	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-DEC-14	Finding:	2.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-DEC-14	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-DEC-14	Finding:	2.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	25-NOV-14	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-NOV-14	Finding:	2.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-NOV-14	Finding:	2.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-NOV-14	Finding:	2.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-OCT-14	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-OCT-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-SEP-14	Finding:	0.54
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-SEP-14	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-14	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-AUG-14	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-AUG-14	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-AUG-14	Finding:	0.65
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JUL-14	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JUL-14	Finding:	1.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUL-14	Finding:	0.64
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUN-14	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAY-14	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-MAY-14	Finding:	0.53
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAY-14	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-14	Finding:	0.63
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-14	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-14	Finding:	1.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-APR-14	Finding:	0.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	22-APR-14	Finding:	2.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-APR-14	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-14	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-14	Finding:	0.62
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-MAR-14	Finding:	1.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-14	Finding:	6.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-FEB-14	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-FEB-14	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-FEB-14	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JAN-14	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JAN-14	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-DEC-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-DEC-13	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-13	Finding:	1.045
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-NOV-13	Finding:	0.705
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	04-NOV-13	Finding:	3.5
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	04-NOV-13	Finding:	0.363
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	04-NOV-13	Finding:	0.228
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-NOV-13	Finding:	9.5e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	04-NOV-13	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-NOV-13	Finding:	0.787
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-NOV-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-13	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-13	Finding:	0.62
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	0.66
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-13	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	0.26
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-AUG-13	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-AUG-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	22-JUL-13	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUL-13	Finding:	0.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUN-13	Finding:	0.78
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUN-13	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-13	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-13	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-13	Finding:	0.75
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-13	Finding:	0.67
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-13	Finding:	4.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	16-APR-13	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAR-13	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-FEB-13	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-FEB-13	Finding:	0.56
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-FEB-13	Finding:	0.61
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-13	Finding:	0.61
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	15-JAN-13	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-DEC-12	Finding:	0.54
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-DEC-12	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-DEC-12	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-DEC-12	Finding:	0.51
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-NOV-12	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-NOV-12	Finding:	0.54
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-OCT-12	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-SEP-12	Finding:	8.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-AUG-12	Finding:	8.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-12	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUL-12	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JUN-12	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-12	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAY-12	Finding:	6.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	18-APR-12	Finding:	6.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-MAR-12	Finding:	6.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-FEB-12	Finding:	6.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-FEB-12	Finding:	6.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JAN-12	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

D23
South
1/2 - 1 Mile
Lower

CA WELLS 1250

Seq:	1250	Prim sta c:	01S/10W-07A07 S
Frds no:	1910009002	County:	19
District:	07	User id:	4TH
System no:	1910009	Water type:	G
Source nam:	WELL 02 MAIN ST. WEST - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340600.0	Longitude:	1175800.0
Precision:	8	Status:	AT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910009	System nam:	Valley County Water Dist.
Hqname:	Not Reported	Address:	14521 E RAMONA BLD
City:	BALDWIN PARK	State:	CA
Zip:	91706	Zip ext:	Not Reported
Pop serv:	45000	Connection:	11664
Area serve:	BALDWIN PARK		
Sample date:	13-FEB-18	Finding:	2.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-18	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-FEB-18	Finding:	0.81
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-18	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-FEB-18	Finding:	2.

Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-18	Finding:	0.77
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JAN-18	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JAN-18	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-JAN-18	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-17	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-17	Finding:	2.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-DEC-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-17	Finding:	0.79
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-17	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-17	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-17	Finding:	0.77
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-OCT-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-OCT-17	Finding:	0.68
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	16-OCT-17	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-SEP-17	Finding:	2.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-SEP-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-17	Finding:	1.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	29-AUG-17	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	29-AUG-17	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	250.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-AUG-17	Finding:	3.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-AUG-17	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-AUG-17	Finding:	1.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-AUG-17	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	1.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	4.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-17	Finding:	3.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-17	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-17	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-APR-17	Finding:	2.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-APR-17	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-APR-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-MAR-17	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAR-17	Finding:	2.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAR-17	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-MAR-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-MAR-17	Finding:	0.85
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	2.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-17	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-17	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-FEB-17	Finding:	2.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	1.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-16	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-DEC-16	Finding:	2.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-DEC-16	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-NOV-16	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	3.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-OCT-16	Finding:	2.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	5.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-SEP-16	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-SEP-16	Finding:	5.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-SEP-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-AUG-16	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-16	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-AUG-16	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-AUG-16	Finding:	2.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	2.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-AUG-16	Finding:	7.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-16	Finding:	6.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-16	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-16	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	27-JUN-16	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-JUN-16	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-16	Finding:	7.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAY-16	Finding:	2.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAY-16	Finding:	6.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAY-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-MAY-16	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-MAY-16	Finding:	4.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	5.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAR-16	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-16	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAR-16	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-FEB-16	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	23-FEB-16	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-FEB-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-16	Finding:	2.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-FEB-16	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-FEB-16	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-15	Finding:	2.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-15	Finding:	6.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-NOV-15	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	6.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	26-OCT-15	Finding:	5.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-OCT-15	Finding:	2.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-15	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-15	Finding:	1.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	1.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	1.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAY-15	Finding:	1.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAY-15	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAY-15	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-MAY-15	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	19-MAY-15	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	4.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-15	Finding:	1.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-15	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-15	Finding:	460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	7.96
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	57.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	11.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	14.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	3.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	04-MAR-15	Finding:	22.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	30.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-MAR-15	Finding:	0.27
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-MAR-15	Finding:	2.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-MAR-15	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	04-MAR-15	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	1.06
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	0.537
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-MAR-15	Finding:	1900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-MAR-15	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-FEB-15	Finding:	3.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-FEB-15	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-FEB-15	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JAN-15	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JAN-15	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	21-JAN-15	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-DEC-14	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-14	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-14	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-NOV-14	Finding:	2.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-NOV-14	Finding:	1.001
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-NOV-14	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-NOV-14	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	2.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	1.8
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	17-NOV-14	Finding:	0.643
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-14	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-OCT-14	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	27-OCT-14	Finding:	0.96
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-14	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-14	Finding:	0.92
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-14	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	0.81
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-AUG-14	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-AUG-14	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	0.83
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	07-AUG-14	Finding:	0.31
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-JUL-14	Finding:	0.86
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-14	Finding:	2.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-14	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	10-JUN-14	Finding:	0.77
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-14	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-14	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-14	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-14	Finding:	0.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-14	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-14	Finding:	6.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-14	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-14	Finding:	0.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-APR-14	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-APR-14	Finding:	0.66
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-APR-14	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-13	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-13	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-13	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	04-NOV-13	Finding:	0.64
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-13	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-13	Finding:	0.75
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-OCT-13	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-13	Finding:	0.66
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-SEP-13	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	9.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-13	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-13	Finding:	0.56
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-AUG-13	Finding:	0.52
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-AUG-13	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-13	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-13	Finding:	0.98
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	22-JUL-13	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUN-13	Finding:	0.94
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUN-13	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-MAY-13	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-MAY-13	Finding:	0.81
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAY-13	Finding:	0.81
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAY-13	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-APR-13	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-APR-13	Finding:	0.84
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAR-13	Finding:	0.77
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAR-13	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAR-13	Finding:	0.71
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAR-13	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-FEB-13	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-FEB-13	Finding:	0.61
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	16-JAN-13	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JAN-13	Finding:	0.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-DEC-12	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-DEC-12	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-NOV-12	Finding:	6.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-OCT-12	Finding:	0.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-12	Finding:	0.57
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-SEP-12	Finding:	0.56
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-SEP-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-SEP-12	Finding:	0.63
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-12	Finding:	0.75
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	0.71
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-12	Finding:	0.73
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-12	Finding:	0.68
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-AUG-12	Finding:	0.59
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	07-AUG-12	Finding:	0.53
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-12	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JUN-12	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-12	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAY-12	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-APR-12	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-MAR-12	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-FEB-12	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-FEB-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JAN-12	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

D24
South
1/2 - 1 Mile
Lower

CA WELLS 1249

Seq:	1249	Prim sta c:	01S/10W-07A06 S
Frds no:	1910009001	County:	19
District:	07	User id:	4TH
System no:	1910009	Water type:	G
Source nam:	WELL 01 MAIN ST. EAST - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340600.0	Longitude:	1175800.0
Precision:	8	Status:	AT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910009	System nam:	Valley County Water Dist.
Hqname:	Not Reported	Address:	14521 E RAMONA BLD

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

City:	BALDWIN PARK	State:	CA
Zip:	91706	Zip ext:	Not Reported
Pop serv:	45000	Connection:	11664
Area serve:	BALDWIN PARK		
Sample date:	13-FEB-18	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-FEB-18	Finding:	0.96
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-18	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-FEB-18	Finding:	0.96
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JAN-18	Finding:	0.98
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JAN-18	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-DEC-17	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-DEC-17	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	0.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-17	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-17	Finding:	0.85
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-17	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-17	Finding:	1.9
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	16-OCT-17	Finding:	0.83
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-OCT-17	Finding:	0.79

Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-17	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-17	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	0.53
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	290.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	150.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	29-AUG-17	Finding:	0.26
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	29-AUG-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-17	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	0.52
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-JUN-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	0.54
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-17	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-APR-17	Finding:	0.97
Chemical:	DICHLOROMETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-APR-17	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-APR-17	Finding:	2.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-APR-17	Finding:	0.78
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAR-17	Finding:	2.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-MAR-17	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-MAR-17	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-17	Finding:	2.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-FEB-17	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-17	Finding:	0.53
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-16	Finding:	0.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-DEC-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-16	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-NOV-16	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	0.53
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	1.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	2.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-SEP-16	Finding:	2.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-SEP-16	Finding:	0.81
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-SEP-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-AUG-16	Finding:	2.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	23-AUG-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-AUG-16	Finding:	0.97
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	1.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-AUG-16	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-16	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JUL-16	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-16	Finding:	3.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JUN-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-JUN-16	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-16	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-16	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-16	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-APR-16	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	21-APR-16	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-16	Finding:	0.95
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-16	Finding:	2.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-FEB-16	Finding:	0.83
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-FEB-16	Finding:	2.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-FEB-16	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	0.89
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-16	Finding:	2.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-16	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	0.95
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-16	Finding:	2.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-15	Finding:	3.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	14-DEC-15	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-NOV-15	Finding:	2.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	1.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-OCT-15	Finding:	0.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-OCT-15	Finding:	2.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	0.78
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	0.76
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	2.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-15	Finding:	0.68
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-AUG-15	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	2.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	0.69
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	0.71
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAY-15	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAY-15	Finding:	0.82
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	0.85
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	2.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-MAR-15	Finding:	0.65
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-15	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-15	Finding:	12.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	2100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-MAR-15	Finding:	0.616
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	1.14
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	7.98
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	04-MAR-15	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	210.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	62.8
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	14.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	3.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	24.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	31.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-MAR-15	Finding:	0.26
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-MAR-15	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	04-MAR-15	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-15	Finding:	0.55
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-FEB-15	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-FEB-15	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-JAN-15	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-14	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	1.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-NOV-14	Finding:	0.712
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-NOV-14	Finding:	3.6
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	17-NOV-14	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	17-NOV-14	Finding:	0.143
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-NOV-14	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-NOV-14	Finding:	0.65
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-NOV-14	Finding:	9.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-NOV-14	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-NOV-14	Finding:	0.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-NOV-14	Finding:	0.88
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-OCT-14	Finding:	0.71
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-OCT-14	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-SEP-14	Finding:	0.85
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-14	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	19-AUG-14	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-AUG-14	Finding:	0.88
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-AUG-14	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	07-AUG-14	Finding:	2.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-AUG-14	Finding:	0.31
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	07-AUG-14	Finding:	0.82
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-14	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-14	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUN-14	Finding:	0.62
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-14	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-14	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-14	Finding:	0.73
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-14	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-APR-14	Finding:	0.94
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	22-APR-14	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-MAR-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-MAR-14	Finding:	0.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-14	Finding:	0.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-14	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-FEB-14	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-FEB-14	Finding:	0.87
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JAN-14	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JAN-14	Finding:	0.76
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-DEC-13	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-DEC-13	Finding:	0.54
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-13	Finding:	0.55
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-13	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-13	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-13	Finding:	0.79
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	15-OCT-13	Finding:	0.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-13	Finding:	0.66
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-13	Finding:	0.57
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	22-AUG-13	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-13	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-13	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUL-13	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUN-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-MAY-13	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-13	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-APR-13	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAR-13	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-FEB-13	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	14-FEB-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JAN-13	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-DEC-12	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-DEC-12	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-SEP-12	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUL-12	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JUN-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAY-12	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-APR-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-MAR-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-FEB-12	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-FEB-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JAN-12	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

25
ESE
1/2 - 1 Mile
Higher

CA WELLS **CALLNL000000205**

Well ID:	103143	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		

Other Name:	01S/10W-07A06 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Neon	Results:	.00000066136
Units:	cm3STP/g	Date:	08/18/2005
Chemical:	Helium-4	Results:	.000000171734
Units:	cm3STP/g	Date:	08/18/2005
Chemical:	Helium-3/Helium-4	Results:	.00000140302
Units:	atom ratio	Date:	08/18/2005
Chemical:	Krypton	Results:	.000000113799
Units:	cm3STP/g	Date:	08/18/2005
Chemical:	Tritium (Hydrogen 3)	Results:	14.64
Units:	pCi/L	Date:	09/22/2005
Chemical:	Argon	Results:	.000605045
Units:	cm3STP/g	Date:	08/18/2005
Chemical:	Xenon	Results:	.0000000137913
Units:	cm3STP/g	Date:	08/18/2005

26
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000024896**

Well ID:	01S11W12A003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W12A003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W12A003S&store_num=		
GeoTracker Data:	Not Reported		

27
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000016908**

Well ID:	01S10W05N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W05N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W05N001S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

28
SW
1/2 - 1 Mile
Lower

CA WELLS **CADPR0000002176**

Well ID:	77547	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	77547	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=77547&store_num=		
GeoTracker Data:	Not Reported		

E29
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000019282**

Well ID:	01S10W07L002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W07L002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W07L002S&store_num=		
GeoTracker Data:	Not Reported		

E30
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000006054**

Well ID:	01S10W07L003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W07L003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W07L003S&store_num=		
GeoTracker Data:	Not Reported		

31
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000004824**

Well ID:	01S10W07K002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W07K002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W07K002S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

32
West
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000070960**

Well ID:	L10008793600-11W-12A	Well Type:	MONITORING
Source:	EDF	Other Name:	11W-12A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10008793600&assigned_name=11W-12A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10008793600&assigned_name=11W-12A		

33
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADPR0000001282**

Well ID:	77548	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	77548	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=77548&store_num=		
GeoTracker Data:	Not Reported		

F34
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000044931**

Well ID:	L10002905176-IRW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	IRW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10002905176&assigned_name=IRW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10002905176&assigned_name=IRW-1		

F35
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000110977**

Well ID:	L10008793600-11W-01H	Well Type:	MONITORING
Source:	EDF	Other Name:	11W-01H
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10008793600&assigned_name=11W-01H&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10008793600&assigned_name=11W-01H		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

36
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000006837**

State Well #:	Not Reported	Station ID:	48913
Well Name:	MW-1	Basin Name:	San Gabriel Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	0	Well Completion Rpt #:	Not Reported

37
West
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091863**

Well ID:	L10002905176-IRW-1B	Well Type:	MONITORING
Source:	EDF	Other Name:	IRW-1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10002905176&assigned_name=IRW-1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10002905176&assigned_name=IRW-1B		

G38
SW
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000001463**

Well ID:	103141	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	01S/11W-12J05 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Neon	Results:	.000000469016
Units:	cm3STP/g	Date:	08/18/2005
Chemical:	Tritium (Hydrogen 3)	Results:	12.84
Units:	pCi/L	Date:	09/22/2005
Chemical:	Argon	Results:	.000500248
Units:	cm3STP/g	Date:	08/18/2005
Chemical:	Helium-3/Helium-4	Results:	.00000141883
Units:	atom ratio	Date:	08/18/2005
Chemical:	Krypton	Results:	.000000101141
Units:	cm3STP/g	Date:	08/18/2005
Chemical:	Helium-4	Results:	.000000117329

Units:	cm3STP/g	Date:	08/18/2005
Chemical:	Xenon	Results:	.0000000125382
Units:	cm3STP/g	Date:	08/18/2005

39
WSW **CA WELLS** **CADWR0000000092**
1/2 - 1 Mile
Lower

Well ID:	01S11W12B002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W12B002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W12B002S&store_num=		
GeoTracker Data:	Not Reported		

G40
SW **CA WELLS** **CADDW0000005216**
1/2 - 1 Mile
Lower

Well ID:	1910165-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910165-001&store_num=		
GeoTracker Data:	Not Reported		

G41
SW **CA WELLS** **CAUSGSN00012901**
1/2 - 1 Mile
Lower

Well ID:	USGS-340552117584003	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340552117584003	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340552117584003&store_num=		
GeoTracker Data:	Not Reported		

G42
SW **CA WELLS** **CAUSGS000001557**
1/2 - 1 Mile
Lower

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G43
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140997**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W12J005S	Type:	Well
Description:	GAMA ULAB SLOW	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1965	Well Depth:	600
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

G44
SW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000002560**

Well ID:	1910165-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910165-002&store_num=		
GeoTracker Data:	Not Reported		

G45
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140995**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S011W12J003S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	200
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

G46
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140996**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S001W12J001S	Type:	Well

Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	600
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

H47
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000001306**

Well ID:	01S11W12J004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W12J004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W12J004S&store_num=		
GeoTracker Data:	Not Reported		

H48
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000032432**

Well ID:	01S11W12J007S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W12J007S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W12J007S&store_num=		
GeoTracker Data:	Not Reported		

49
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000006805**

State Well #:	Not Reported	Station ID:	48925
Well Name:	USGVMWD-3	Basin Name:	San Gabriel Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	350	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91706	5	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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 and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C
HISTORICAL RESEARCH DOCUMENTATION

Est. 1988

Environmental Support Services

Environmental Research & Due Diligence Compliance
30251 Golden Lantern, #E-305, Laguna Niguel, CA 92677
P) 949.429.3564 | F) 949.429.3563 | E) Shannon@EnvironmentalSupportServices.com
www.EnvironmentalSupportServices.com | EIN# 83-0533710

December 13, 2021

Project Name: Irwindale

Ramboll US Consulting, Inc.
5 Park Plaza, Suite 500
Irvine, CA 92614

Attention: Tattiana Mason

Dear Ms. Mason,

Attached is the Environmental (Hazardous/Toxic Waste) Records Search Summary of 14005 & 14041 Live Oak Avenue ("Irwindale") site located in Irwindale, California. Environmental Support Services ("**ESS**") received the request on November 18, 2021 and December 8, 2021 (See Appendix A). Should you have any questions regarding the summary, please call.

Sincerely,
Environmental Support Services

Shannon Castagno
Project Manager
Shannon@EnvironmentalSupportServices.com

Records Search Summary

Company:	Ramboll US Consulting, Inc.
Project Name:	Irwindale
Attention:	Tattiana Mason
Street Address of Property:	14005 & 14041 Live Oak Avenue Irwindale, CA 91706

Los Angeles County – Public Health Investigator

As of July 1, 2017, all public information requests for Hazardous Materials Business Plans/Inventory, Hazardous Waste Generator License, California Accidental Release Prevention (Cal/ARP) Program information as well as, spills and site remediation information can be requested through the Los Angeles County Fire Department – Health Hazardous Materials Division (see below).

Los Angeles County Fire Department – Health Hazardous Materials Division

Online request: 11-18-21 & 12-6-21, Contact: Custodian of Records

ESS submitted a request for a records search concerning the Irwindale site to the Custodian of Records with the Los Angeles County Fire Department – Health Hazardous Materials Division. **ESS** requested information concerning the utilization, manufacture, storage and/or discharge of hazardous materials/waste, and any information concerning previous or on-going site investigations/remediations pertaining to hazardous materials/waste. They informed **ESS** on November 29, 2021 that their department had no records for 14005 Live Oak Avenue, Irwindale, CA (See Appendix B). As of December 13, 2021, the Custodian of Records had not completed **ESS'** request for 14041 Live Oak Avenue, Irwindale, CA. Should any information concerning the site surface, **ESS** will immediately forward it to Ms. Mason at the Ramboll US Consulting, Inc. office.

Los Angeles County Public Works – Waste Management Division

On-line Review: 11-18-21 & 12-6-21, Contact: Databases available at counter

ESS reviewed the Los Angeles County Public Works – Waste Management Division's database to determine if there were any records of underground storage tanks, industrial waste discharge permits or violations that may have been issued to the following: 14005 & 14041 Live Oak Avenue, Irwindale, CA. **ESS** reviewed the "Hazardous Materials System" and found that 14005 & 14041 Live Oak Avenue, Irwindale, CA were listed (See Appendix C for photocopies obtained).

City of Irwindale Building Department

E-mailed request: 11-18-21 & 12-6-21, Contact: Laura Nieto

ESS requested that Ms. Nieto, with the City of Irwindale Building Department, provide the building records (all building permits and certificates of occupancy) for 14005 & 14041 Live Oak Avenue, Irwindale, CA (See Appendix D). As of December 13, 2021, Ms. Nieto had not completed **ESS'** request. Should any information concerning the site surface, **ESS** will immediately forward it to Ms. Mason at the Ramboll US Consulting, Inc. office. No further information concerning the site was obtained from the building department at the time of the investigation.

Records Search completed by:



Shannon Castagno
Project Manager
Environmental Support Services

The information provided in this report was obtained by a comprehensive examination of public records, public information and public servant communications. The degree of care performed by **ESS** is equivalent to that exercised by environmental companies performing similar records searches.

Appendix A

Environmental (Hazardous/Toxic Waste) Records Search
Order Form

Environmental Support Services

Environmental Research & Due Diligence Compliance



Environmental Records Search - Order Form

Client Information:

Ordered By: Tattiana Mason ☐ Signature / I authorize this work to be done on behalf of me.

Company: Ramboll

Company Address: 5 Park Plaza, Suite 500 Irvine, CA 92614

Telephone: 9492615151 Fax: Email: tmason@ramboll.com

I.D. # (if applicable): FedEx # (if applicable):

Report Information:

Site Name: 14005 Live Oak Ave Site Use: Industrial

Property Address: 14005 Live Oak Ave Irwindale, CA 91706

Thomas Bros Coordinates: Assessor's Parcel #:

Date Ordered: 11/18/21

In order to help fulfill the "Records Search Portion" of the standard ASTM/ESA requirement, Environmental Support Services (ESS) provides local, state and federal agency interviews, provides a detailed review of all public records, and can even obtain photocopies of all public files from the Fire Dept., Building Dept., Sanitation Dept., County Environmental Health Dept., RWQCB, etc. No other company provides such a detailed description of a given site and vicinity as ESS. The information obtained from the environmental records search will be summarized in a report within 10 working days of date received at the prices indicated below. Add 5 days and $50 (Minimum Agency Coverage) and $100 (Extended Agency Coverage) for Northern California and out of state sites. (RUSH orders are also available.)

Services Provided:

- ◉ Minimum Agency Coverage (Building, Fire, County Environmental Health) [$175]
- ○ Extended Agency Coverage [$350]
- ☐ Furnish Report on CD [add 10% of invoice total*]
- ☐ Rush Orders [add 50%]
- ☐ FAX Report - Per Page [$1]

*Percentage may vary based on number of scans.

Special Instructions:

FOR OFFICE USE ONLY

Tel) 949-429-3564 • 30251 Golden Lantern, #E-305, Laguna Niguel, CA 92677 • **Fax) 949-429-3563**
Email) Info@EnvironmentalSupportServices.com • Web) www.EnvironmentalSupportServices.com

shannon environmentalsupportservices.com

From: Stephanie T Eckelman <SEckelman@ramboll.com>
Sent: Monday, December 6, 2021 3:03 PM
To: shannon environmentalsupportservices.com
Subject: RE: 14005 Live Oak Ave Irwindale

Yes please. We need to know everything we can about this former address (former US Pipe Concrete company from 1940's-?)

Thanks.

From: shannon environmentalsupportservices.com <shannon@environmentalsupportservices.com>
Sent: Monday, December 6, 2021 12:01 PM
To: Stephanie T Eckelman <SEckelman@ramboll.com>
Subject: RE: 14005 Live Oak Ave Irwindale

Hi Stephanie,

I am still waiting on the building department to respond. I have the Los Angeles County Public Works Dept. photocopies and the Los Angeles County Fire Department response. I would have to start from scratch with the former address. Do you want me to submit foia requests for that address as well?

Sincerely,
Shannon Castagno
Project Manager
Tel) 949-429-3564
Fax) 949-429-3563
http://EnvironmentalSupportServices.com

From: Stephanie T Eckelman <SEckelman@ramboll.com>
Sent: Monday, December 6, 2021 2:25 PM
To: shannon environmentalsupportservices.com <shannon@environmentalsupportservices.com>
Subject: RE: 14005 Live Oak Ave Irwindale

Hi Shannon,
Any update on this site? There were potentially 7 former USTs at the site.
The site also has a former address, 14041 Live Oak Ave (which the tanks are listed under). Does that mean you need to ask for additional records?

Thanks
Stephanie

From: shannon environmentalsupportservices.com <shannon@environmentalsupportservices.com>
Sent: Tuesday, November 30, 2021 8:52 AM
To: Stephanie T Eckelman <SEckelman@ramboll.com>
Subject: RE: 14005 Live Oak Ave Irwindale

Hi Stephanie,

My Thanksgiving was very nice. I hope yours was as well.

I have requested records from the Los Angeles County Public Works Department. We will see when I get the records if there is any mention of that removal.

Have a great day 😊

Sincerely,
Shannon Castagno
Project Manager
Tel) 949-429-3564
Fax) 949-429-3563
http://EnvironmentalSupportServices.com

From: Stephanie T Eckelman <SEckelman@ramboll.com>
Sent: Tuesday, November 30, 2021 11:48 AM
To: shannon environmentalsupportservices.com <shannon@environmentalsupportservices.com>
Subject: 14005 Live Oak Ave Irwindale

Good morning Shannon,
I hope you had a nice Thanksgiving week. Did your kids come to visit? Travel is still challenging right now.

Can you tell me if you contacted LA County Sanitation and/or LA County DPW for this site? The site had a former waste oil UST that was removed in 1994 and both departments were cc'd on the closure reports. GeoTracker doesn't have anything other than the closure letter.

Thanks.
Stephanie T Eckelman
Sr Consultant

D +1 (213) 9436317
seckelman@ramboll.com

Ramboll
350 South Grand Avenue
Suite 2800
Los Angeles, CA 90071
USA
www.ramboll.com

Appendix B

Response Obtained from the
Los Angeles County Fire Department – Health Hazardous Materials Division

shannon environmentalsupportservices.com

From: LACoFD <lacountyfire@govqa.us>
Sent: Monday, November 29, 2021 5:36 PM
To: shannon environmentalsupportservices.com
Subject: LACoFD Public Records Center:: H044085-111821

--- Please respond above this line ---

RE: PRA of November 18, 2021, Reference # H044085-111821.

Dear Shannon Castagno,

The Los Angeles County Fire Department, Health Hazardous Materials Division, being the custodian or keeper of records, certify that a thorough search for the records you requested has been carried out.

Re: 14005 LIVE OAK AVE
IRWINDALE CA 91706

The search revealed that no records were found for the above noted address.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or may have been destroyed based on this Department's Record Retention Policy. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

For businesses in Burbank, CulverCity, Downey, City of LA, La Habra, Monrovia, Pasadena, Santa Monica, Torrance& Underground Storage Tanks in Los Angeles County jurisdiction click here.

If you have any questions regarding your request, please contact our office at (626) 430-3260.

Los Angeles County Fire Department

Health Hazardous Materials Division

Site Administrator

County of Los Angeles
Fire Departi

Appendix C

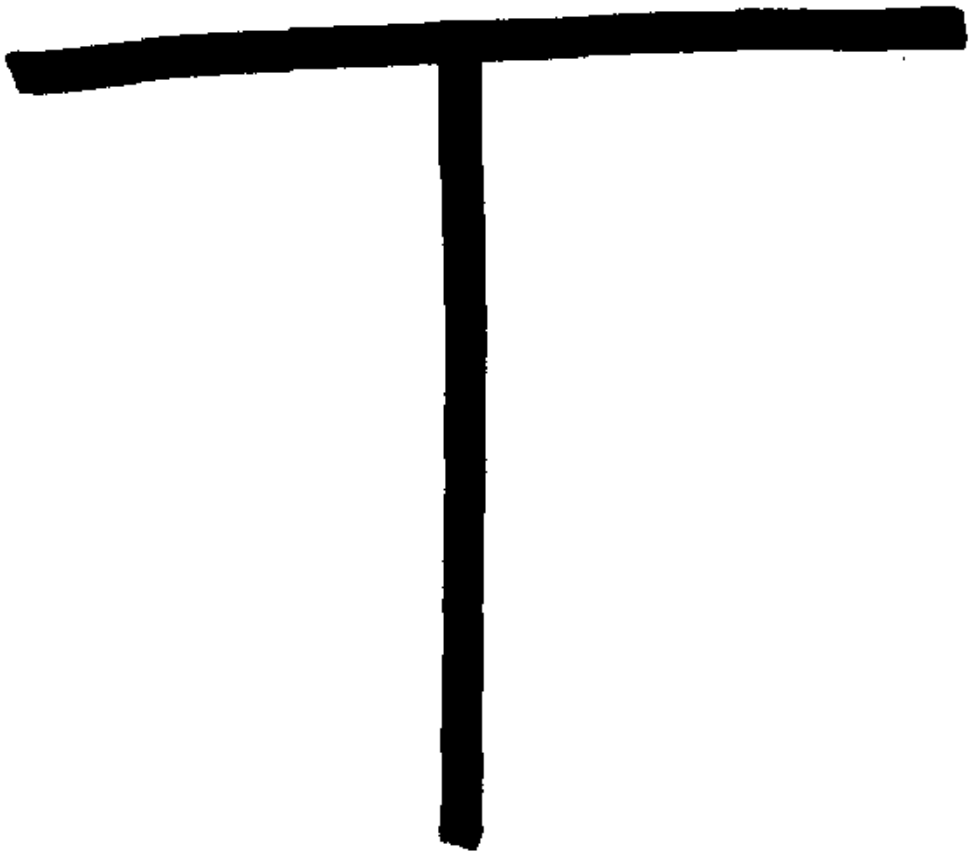
Photocopies Obtained from the
Los Angeles County Public Works Department

015425-016787 3S

HUGHES MARKET INC

14005 E LIVE OAK AVE

IRWINDALE 917061323



15925 - 16787

14005

LIVE OAK

5305 Rivergrade

15636 - 38592

Ralphs GROCERY COMPANY

GENERAL OFFICES

P.O. BOX 54143 • LOS ANGELES, CALIFORNIA 90054

Telephone (310) 884-9000

July 13, 1999

RECEIVED
JUL 19 1999
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

Mr. Richard Payne
Department of Public Works
Environmental Programs Division
125 South Baldwin Avenue
Arcadia, California 91007

RE: HUGHES WAREHOUSE & DISTRIBUTION CENTER

Dear Mr. Payne:

Per our telephone conversation on July 13, 1999, I am submitting a written request to keep current and active, until further notice, the permits for the following locations:

- Receptor at 14005 Live Oak
- Clarifiers at 5305 Rivergrade Road

The above facility was previously occupied by Hughes Family Markets. Hughes was later involved in a merger which led to Ralphs' acquisition of the warehouse.

Please note that all future correspondence regarding the above facility should be directed to me at Ralphs Grocery Company, Department of Environmental Affairs, 2201 South Wilmington Avenue Compton, California 90220.

If you have any further questions, please do not hesitate to contact me at (310) 884-4288. Thank you for your courtesy and attention to this matter.

Sincerely,

Carrol Chen
Manager, Environmental Affairs

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: [ ] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [X] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY SITE CLOSURE [ ] 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: HUGHES MARKETS
NAME OF OPERATOR:
ADDRESS: 14005 LIVE OAK AVE
NEAREST CROSS STREET: ARROW HWY
PARCEL # (OPTIONAL):
CITY NAME: IRWINDALE
STATE: CA
ZIP CODE: 91706
SITE PHONE # WITH AREA CODE:

✓ BOX TO INDICATE: [X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL AGENCY DISTRICTS [ ] COUNTY AGENCY [ ] STATE AGENCY [ ] FEDERAL AGENCY

TYPE OF BUSINESS: [ ] 1 GAS STATION [X] 2 DISTRIBUTOR [ ] 3 FARM [ ] 4 PROCESSOR [ ] 5 OTHER
[ ] ✓ IF INDIAN RESERVATION OR TRUST LANDS
OF TANKS AT SITE: 3
E. P. A. I. D. # (optional):

EMERGENCY CONTACT PERSON (PRIMARY)

DAYS: NAME (LAST, FIRST): CANNON BOB
PHONE # WITH AREA CODE: (805) 499-0428
NIGHTS: NAME (LAST, FIRST): CANNON BOB
PHONE # WITH AREA CODE: (805) 499-3835

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST): JARVIS DON
PHONE # WITH AREA CODE: (818) 338-2580
NIGHTS: NAME (LAST, FIRST):
PHONE # WITH AREA CODE:

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: HUGHES MARKET
CARE OF ADDRESS INFORMATION:
MAILING OR STREET ADDRESS: 2716 SAN FERNANDO RD
✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL AGENCY [ ] STATE AGENCY [X] CORPORATION [ ] PARTNERSHIP [ ] COUNTY AGENCY [ ] FEDERAL AGENCY
CITY NAME: LOS ANGELES
STATE: CA
ZIP CODE: 90065
PHONE # WITH AREA CODE: (213) [redacted] 227-8211

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER:
CARE OF ADDRESS INFORMATION:
MAILING OR STREET ADDRESS: SAME AS ABOVE
✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL AGENCY [ ] STATE AGENCY [ ] CORPORATION [ ] PARTNERSHIP [ ] COUNTY AGENCY [ ] FEDERAL AGENCY
CITY NAME:
STATE:
ZIP CODE:
PHONE # WITH AREA CODE:

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ 44-017952

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: [X] 1 SELF-INSURED [ ] 2 GUARANTEE [ ] 3 INSURANCE [ ] 4 SURETY BOND [ ] 5 LETTER OF CREDIT [ ] 6 EXEMPTION [ ] 99 OTHER

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. [ ] II. [X] III. [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): BRYAN CANNON Bryan Cannon
APPLICANT'S TITLE: Projects
DATE MONTH/DAY/YEAR: 10/22/92

LOCAL AGENCY USE ONLY

COUNTY #: 19
JURISDICTION #: 000
FACILITY #: 16787
LOCATION CODE - *OPTIONAL*: 3S
CENSUS TRACT # - *OPTIONAL*:
SUPVISOR - DISTRICT CODE - *OPTIONAL*:

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

INSTRUCTIONS FOR COMPLETING FORM "A"

GENERAL INSTRUCTIONS:

1. [illegible] Must be completed for all **NEW PERMITS, PERMIT CHANGES** or any FACILITY/SITE [illegible] CHANGES.
2. **SUBMIT ONLY ONE (1) FORM "A"** for a Facility/Site, regardless of the number of tanks located on the site.
3. This form should be completed by either the **PERMIT APPLICANT** or the **LOCAL AGENCY UNDERGROUND TANK INSPECTOR.**
4. Please type or print clearly all requested information.
   Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

Mark an "X" in the box next to the item that best describes the reason the form is being completed

I. FACILITY/SITE INFORMATION & ADDRESS (MUST BE COMPLETED)

1. Record name and address (physical location) of the underground tank(s).
   NOTE: Address MUST have a valid physical location including: city, state, and zip code.
   P.O. BOX NUMBERS ARE NOT ACCEPTABLE.
   Include nearest cross street and name of the operator
2. Phone number must have an area code. If the night number is the same, write "SAME" in proper location.
3. Check the appropriate box for TYPE OF BUSINESS OWNERSHIP (ex. CORPORATION, INDIVIDUAL, etc.)
4. Check the appropriate box for **TYPE OF BUSINESS.**
5. If Facility/Site is located within an Indian reservation or other Indian trust lands, check the box marked "YES".
6. Indicate the NUMBER of TANKS at this SITE.
7. Record the E.P.A. ID # or write "NONE" in the space provided.

II. PROPERTY OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION 1; if the same, write **"SAME AS SITE"** across this section. Be sure to check **PROPERTY OWNERSHIP TYPE** box.

III. TANK OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION 1; If the same, write **"SAME AS SITE"** across this section. Be sure to check **TANK OWNERSHIP TYPE** box.

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER (MUST BE COMPLETED)

Enter your Board of Equalization (BOE) UST storage fee account number which is required before your permit application can be processed. Registration with the BOE will ensure that you will receive a quarterly storage fee return in reporting the $0.006 (6 mills) per gallon fee due on the number of gallons placed in your USTs. The BOE will exclude persons exempt from paying the storage fee so returns will not be sent. If you do not have an account number with the BOE or if you have any questions regarding the fee or exemptions, please call the BOE at 916-323-9555 or write to the BOE at the following address: Board of Equalization, Environmental Fees Unit, P.O. Box 942879, Sacramento, CA 94279-0001.

V. PETROLEUM UST FINANCIAL RESPONSIBILITY (MUST BE COMPLETED)

Identify the method(s) used by the owner and/or operator in meeting the Federal and State financial responsibility requirements. USTs owned by any Federal or State agency are exempt from this requirement.

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Check **ONE BOX** for the address that will be used for **BOTH LEGAL AND BILLING NOTIFICATIONS.**

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number may be assigned by the local agency; however, this number must be numerical and cannot contain any alphabetical. If the local agency prefers the State Board to assign the facility number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THIS APPLICATION CANNOT BE PROCESSED IF THE BOE ACCOUNT NUMBER IS NOT FILLED IN. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.R.C.B.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☒ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☐ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: HUGHES MARKETS 14005 LIVE OAK AVE

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 1

B. MANUFACTURED BY: JOOR

C. DATE INSTALLED (MO/DAY/YEAR) N/A

D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 4 OIL ☒ 2 PETROLEUM ☐ 80 EMPTY ☐ 3 CHEMICAL PRODUCT ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☒ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☒ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☒ 5 GLASS LINING ☐ 6 UNLINED ☐ 95 UNKNOWN ☐ 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☒ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) N/A OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) N/A

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A (U) 2 PRESSURE A U 3 GRAVITY A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL A (U) 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A (U) 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: ☒ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☒ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☒ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 TANK TESTING ☒ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) N/A

2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING N/A GALLONS

3. WAS TANK FILLED WITH INERT MATERIAL ? YES N/A NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Bryan Cannon BRYAN CANNON

DATE 10/22/92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	16787	1

PERMIT NUMBER 43153

PERMIT APPROVED BY/DATE RVI 11/5/92

PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR00348-R5

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM 'B' shall be completed for each tank for all **NEW PERMITS**, PERMIT [illegible] other **TANK INFORMATION CHANGE**.
2. This form should be completed by either the **PERMIT APPLICANT** or the [illegible] **INSPECTOR**.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB1078).
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the CAS # (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided

IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are preassigned and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as that assigned by the local agency. The tank number may be assigned by the local agency; however, this number must be numerical and contain six digits. If the local agency prefers the State Board to assign the tank number, please leave it blank

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
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DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONE ITEM: [ ] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [X] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] TEMPORARY TANK CLOSURE [ ] 7 PERMANENTLY CLOSED ON SITE [ ] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: HUGHES MARKETS 14005 LIVE OAK AVE

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 3	B. MANUFACTURED BY: JOOR
C. DATE INSTALLED (MO/DAY/YEAR) N/A	D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [ ] 1 MOTOR VEHICLE FUEL [ ] 4 OIL [X] 2 PETROLEUM [ ] 80 EMPTY [ ] 3 CHEMICAL PRODUCT [ ] 95 UNKNOWN

B. [X] 1 PRODUCT [ ] 2 WASTE

C. [ ] 1a REGULAR UNLEADED [ ] 1b PREMIUM UNLEADED [ ] 2 LEADED [X] 3 DIESEL [ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS [ ] 7 METHANOL [ ] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED ____ C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: [X] 1 DOUBLE WALL [ ] 2 SINGLE WALL [ ] 3 SINGLE WALL WITH EXTERIOR LINER [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK) [ ] 95 UNKNOWN [ ] 99 OTHER ____

B. TANK MATERIAL (Primary Tank): [ ] 1 BARE STEEL [ ] 2 STAINLESS STEEL [ ] 3 FIBERGLASS [X] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC [ ] 5 CONCRETE [ ] 6 POLYVINYL CHLORIDE [ ] 7 ALUMINUM [ ] 8 100% METHANOL COMPATIBLE W/FRP [ ] 9 BRONZE [ ] 10 GALVANIZED STEEL [ ] 95 UNKNOWN [ ] 99 OTHER ____

C. INTERIOR LINING: [ ] 1 RUBBER LINED [ ] 2 ALKYD LINING [ ] 3 EPOXY LINING [ ] 4 PHENOLIC LINING [X] 5 GLASS LINING [ ] 6 UNLINED [ ] 95 UNKNOWN [ ] 99 OTHER ____
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP [ ] 2 COATING [ ] 3 VINYL WRAP [X] 4 FIBERGLASS REINFORCED PLASTIC [ ] 5 CATHODIC PROTECTION [ ] 91 NONE [ ] 95 UNKNOWN [ ] 99 OTHER ____

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) N/A OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) N/A

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION; A (U) 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL; A (U) 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A (U) 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER ____

D. LEAK DETECTION: [X] 1 AUTOMATIC LINE LEAK DETECTOR [ ] 2 LINE TIGHTNESS TESTING [X] 3 INTERSTITIAL MONITORING [ ] 99 OTHER ____

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK [ ] 2 INVENTORY RECONCILIATION [ ] 3 VADOZE MONITORING [X] 4 AUTOMATIC TANK GAUGING [ ] 5 GROUND WATER MONITORING [ ] 6 TANK TESTING [X] 7 INTERSTITIAL MONITORING [ ] 91 NONE [ ] 95 UNKNOWN [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL?
N/A	N/A GALLONS	YES [X] N/A NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
BRYAN CANNON Bryan Cannon	10/22/92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	16787	3

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
43153	RVI 11/5/92	

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-RS

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all **NEW PERMITS, PERMIT [illegible]** other **TANK INFORMATION CHANGE.**
2. This form should be completed by either the **PERMIT APPLICANT** or the **LOCAL AGENCY [illegible] INSPECTOR.**
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB0650)
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.)
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.# (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are preset codes and can be obtained by calling the State Board (916)739-3421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency, however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A", AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
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P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM

MARK ONE ITEM: [ ] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [X] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY TANK CLOSURE [ ] 7 PERMANENTLY CLOSED ON SITE [ ] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: HUGHES MARKETS 14005 LIVE OAK AVE.

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 2

B. MANUFACTURED BY: JOOR

C. DATE INSTALLED (MO/DAY/YEAR) N/A

D. TANK CAPACITY IN GALLONS: 12,000 GAL.

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [ ] 1 MOTOR VEHICLE FUEL [ ] 4 OIL [X] 2 PETROLEUM [ ] 80 EMPTY [ ] 3 CHEMICAL PRODUCT [ ] 95 UNKNOWN

B. [X] 1 PRODUCT [ ] 2 WASTE

C. [ ] 1a REGULAR UNLEADED [ ] 1b PREMIUM UNLEADED [ ] 2 LEADED [X] 3 DIESEL [ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS [ ] 7 METHANOL [ ] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED

C. A. S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: [X] 1 DOUBLE WALL [ ] 2 SINGLE WALL [ ] 3 SINGLE WALL WITH EXTERIOR LINER [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK) [ ] 95 UNKNOWN [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [ ] 1 BARE STEEL [ ] 2 STAINLESS STEEL [ ] 3 FIBERGLASS [X] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC [ ] 5 CONCRETE [ ] 6 POLYVINYL CHLORIDE [ ] 7 ALUMINUM [ ] 8 100% METHANOL COMPATIBLE W/FRP [ ] 9 BRONZE [ ] 10 GALVANIZED STEEL [ ] 95 UNKNOWN [ ] 99 OTHER

C. INTERIOR LINING: [ ] 1 RUBBER LINED [ ] 2 ALKYD LINING [ ] 3 EPOXY LINING [ ] 4 PHENOLIC LINING [X] 5 GLASS LINING [ ] 6 UNLINED [ ] 95 UNKNOWN [ ] 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP [ ] 2 COATING [ ] 3 VINYL WRAP [X] 4 FIBERGLASS REINFORCED PLASTIC [ ] 5 CATHODIC PROTECTION [ ] 91 NONE [ ] 95 UNKNOWN [ ] 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) N/A OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) N/A

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION; A (U) 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL; A (U) 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A (U) 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: [X] 1 AUTOMATIC LINE LEAK DETECTOR [ ] 2 LINE TIGHTNESS TESTING [ ] 3 INTERSTITIAL MONITORING [ ] 99 OTHER

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK [ ] 2 INVENTORY RECONCILIATION [ ] 3 VADOZE MONITORING [X] 4 AUTOMATIC TANK GAUGING [ ] 5 GROUND WATER MONITORING [ ] 6 TANK TESTING [X] 7 INTERSTITIAL MONITORING [ ] 91 NONE [ ] 95 UNKNOWN [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) N/A

2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING N/A GALLONS

3. WAS TANK FILLED WITH INERT MATERIAL? YES [N/A] NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) BRYAN CANNON

DATE 10/22/92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	16787	2

PERMIT NUMBER 43153

PERMIT APPROVED BY/DATE RVI 11/5/92

PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0004B-R5

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM 'B' shall be completed for each tank for all NEW PERMITS, [illegible] other TANK INFORMATION CHANGE.
2. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY [illegible] INSPECTOR.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB/6784).
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown on form 'A'. The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.E.R.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☒ 3 RENEWAL PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 7 PERMANENTLY CLOSED SITE ☐ 2 INTERIM PERMIT ☐ 4 AMENDED PERMIT ☐ 6 TEMPORARY SITE CLOSURE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME	NAME OF OPERATOR	
HUGHES MARKETS DISTRIBUTION CENTER	HUGHES FAMILY MARKETS, INC.	
ADDRESS: 5305 RIVERGRADE ROAD	NEAREST CROSS STREET: ARROW HIGHWAY	PARCEL # (OPTIONAL): 022
CITY NAME: IRWINDALE, CA 91706	STATE: CA / ZIP CODE: 91706	SITE PHONE # WITH AREA CODE: (818) 856-6269

✓ BOX TO INDICATE: ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY DISTRICTS * ☐ COUNTY-AGENCY * ☐ STATE-AGENCY * ☐ FEDERAL-AGENCY *

* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST _____

TYPE OF BUSINESS	✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
☐ 1 GAS STATION ☒ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☐ 5 OTHER	☐	3	

EMERGENCY CONTACT PERSON (PRIMARY)

DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
PARSONEAULT, NORB	(805) 581-0561
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
SANCHEZ, GARY	(805) 527-6358
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION		
HUGHES FAMILY MARKETS, INC.			
MAILING OR STREET ADDRESS: 14005 LIVE OAK AVE.	✓ box to indicate: ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME: IRWINDALE, CA 91706	STATE: CA	ZIP CODE: 91706	PHONE # WITH AREA CODE: (818) 856-6263

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION		
SAME			
MAILING OR STREET ADDRESS	✓ box to indicate: ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME	STATE	ZIP CODE	PHONE # WITH AREA CODE

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44-038238

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: ☐ 1 SELF-INSURED ☐ 2 GUARANTEE ☐ 3 INSURANCE ☐ 4 SURETY BOND ☐ 5 LETTER OF CREDIT ☐ 6 EXEMPTION ☐ 99 OTHER _____

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. ☐ II. ☐ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED)	OWNER'S TITLE	DATE MONTH/DAY/YEAR
Norb Parsoneault	V.P. ENGINEERING/CONSTRUCTION	2/13/97

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
19	000	15425-16787

LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

INSTRUCTIONS FOR COMPLETING FORM "A"

GENERAL INSTRUCTIONS

[illegible] PURSUANT TO SECTIONS 25286, 25287 AND 25289 OF CHAPTER [illegible] OF DIVISION [illegible] OF THE HEALTH AND SAFETY CODE, EACH OWNER TO APPLY TO CLOSE AND SEAL RECORDS

1. Complete all sections of this application. Type or print in ink.
2. If the facility is a public water system, enter the name of the system as listed in the CDHS inventory.
3. Check appropriate box indicating whether you are submitting an application for a NEW PERMIT, CHANGE OF OWNERSHIP, CHANGE IN TYPE, LOCATION, OR OPERATION, or RENEWAL of an existing permit.
4. Please type or print in the "Mail to" address and "Plant address".
5. Please type or print in ink. Sign and date application.
6. Enclose payment of the check or money order payable to the local agency as part of the application, showing the fee as set by the local agency [Section 25213.5(a)(8), CCR].
7. The applicant must submit documentation showing compliance with state financial responsibility requirements to the local agency as part of the application, for purposes of [illegible] 25213.5(a)(11), CCR.

TOP OF FORM, "TO BE USED FOR [illegible]"

Mark one. Use the box number in the upper left corner of the new hazardous waste [illegible]

1. [illegible] NAME, MAILING ADDRESS AND PHONE NUMBER OF LEGAL OWNER
   Name of legal owner, including [illegible] and/or corporate name
   Mailing address of legal owner, including city, state, and zip code
   P.O. BOX NUMBER IS ARE NOT ACCEPTABLE. [illegible]
   Telephone number of person in charge of the operation.
2. If there is a common name for the facility, other than the name listed in "NAME" as proper, list it here.
3. Check the appropriate box to indicate [illegible] BUSINESS ORGANIZATION, [illegible] CORPORATION, [illegible] etc.
4. Complete as applicable to the "Type of [illegible]".
5. If [illegible] is a [illegible] and the owner is not the same as listed in "NAME" above, the owner must provide [illegible].
6. Enter the [illegible] of the [illegible].
7. Enter the [illegible] of the [illegible] as provided.

8. [illegible] NAME, MAILING ADDRESS AND PHONE NUMBER OF [illegible]
   Complete all [illegible] as in item 1 above. If there is no [illegible] enter "NONE" in the first line.

9. [illegible] NAME, MAILING ADDRESS AND PHONE NUMBER OF [illegible]
   Complete all [illegible] as in item 1 above. If there is no [illegible] enter "NONE" in the first line.

10. [illegible] NAME, MAILING ADDRESS AND PHONE NUMBER OF [illegible]
    [illegible]

11. [illegible] NAME, MAILING ADDRESS AND PHONE NUMBER OF [illegible]
    [illegible]

12. [illegible] NAME, MAILING ADDRESS AND PHONE NUMBER OF [illegible]
    [illegible]

13. [illegible] NAME, MAILING ADDRESS AND PHONE NUMBER OF [illegible]
    [illegible]

[illegible] [illegible]

[illegible] [illegible] [illegible] [

AES

16787-3S

Associated Environmental Systems, Inc.

RVI/T.H.R

P.O. Box 80427
Bakersfield, CA 93380
(805) 393-2212

AES - SYSTEM II
PRECISION TANK & LINE TEST RESULTS SUMMARY

Invoice Address:

K.E. CURTIS CONSTRUCT.
P.O.BOX 4977
THOUSAND OAKS, CA 91359

Tank Location:

HUGHES MARKET
14005 LIVE OAK AVE.
IRWINDALE, CA

W.O.#: 18126

I.D. Number: HUGHES
Technician: TFK
Tech.#: 91209 **Van#:** 6105

I58258

Date: 03-22-93 **Time Start:** 0800 **End:** 1930 **County:** LA
Facility Phone#: 805-499-0428 **Groundwater Depth:** 140' **Blue Prints:** NONE
Contact: JIM GUTTRY **Date;Time system was filled:** 03-21-93

Tank	Tank Capacity	Product	Tank	Fill/Vent Vapor Lines	Product Line	Type Of Vapor Recovery	Inches of Water/Tank	Pump Type	Tank Material
1	12K	DSL.S.	PASS	PASS	PASS	PH2	0	TRB	DWS
2	12K	87UL	PASS	PASS	PASS	PH2	0	TRB	DWS
3	12K	DSL.N.	PASS	PASS	PASS	PH2	0	TRB	DWS

Additional Information: GROUNDWATER DEPTH IS CONFIRMED BY JIM GUTTRY.

RECEIVED
MAR 29 1993
DEPARTMENT OF PUBLIC HEALTH
WASTE MANAGEMENT DIVISION

SITE LOG	TIME
Set Up Equip:	0800
Bled Product Lines:	0820
Bled Vapor Lines:	0830
Bled Vent lines:	OPEN
Bled Turbine:	0840
Bled Suction Pump:	N/A
Risers Installed:	N/A

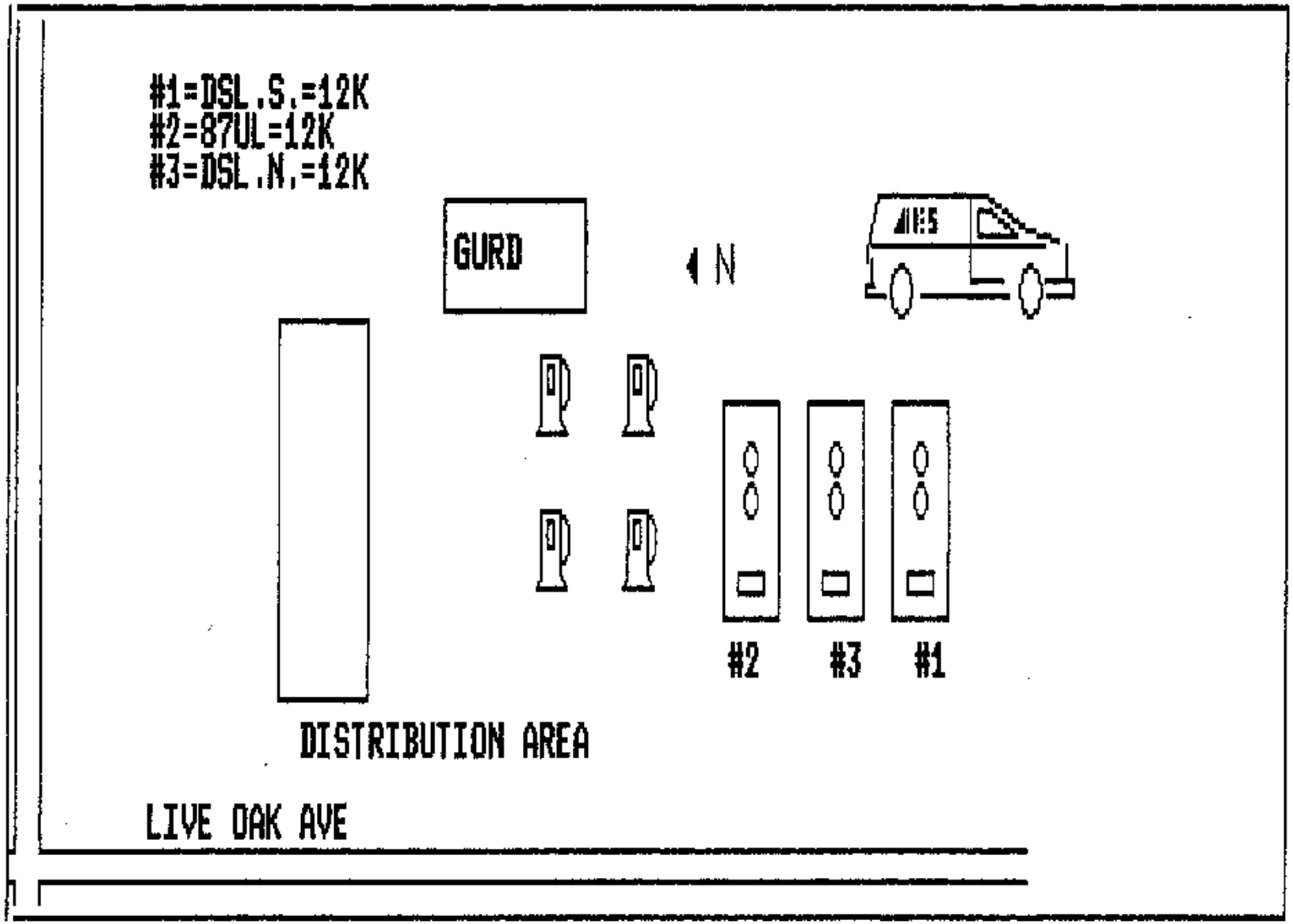
a) ALL PRODUCT LINES WERE TESTED USING THE PLT-100R
b) This system and method meets the criteria set forth in NFPA #329.
c) Any failure listed above may require further action, check with all regulatory agencies.

Copyright (c) 1989 by AES, Inc.

California O.T.T.L. Number : 91-1049 TONY KIANI

Certified Technician Signature : Tony Kiani Date : 3/22/93

ASSOCIATED ENVIRONMENTAL SYSTEMS



Site Layout For : HUGHES MARKET. IRWINDALE , CA

PERMIT APPLICATION SUPPLEMENT/NOTICE TO FILE
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT

DUE DATE: 5/25/97

Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803-1331

This form must accompany all tank permit applications to operate underground storage tanks ***See instructions on back of this form***

DPW USE ONLY
FILE # 15425-16787
PERMIT # 6298T
R/C CODE 38
SIC CODE
STATE ID #
TGP TGC

L40581-D

IF THERE ARE NO UNDERGROUND TANKS AT THIS FACILITY, GO TO PARTS F & G.

(A)

HUGHES MARKETS DISTRIBUTION CTR
FACILITY NAME

14005 LIVE OAK AVE.
MAILING ADDRESS

IRWINDALE, CA 91706
CITY STATE ZIP CODE

5305 RIVERGRADE RD., IRWINDALE
FACILITY LOCATION

(B) Application is hereby made for a Hazardous Material Underground Storage Permit (**HMUSP**) to operate and maintain underground storage tanks within Los angeles County jurisdiction.

NEW PERMIT ❑ **EXISTING PERMIT RENEWAL** ☒

Existing Permit Number 6298T

Number of tanks at facility (3) CAPCITY 1,200

(C) Assessor parcel identification (obtain from property tax bill):

Map Book Number 8535 Page Number 001 Parcel Number 022

(D) This supplement must be accompanied by:
(1) One copy of state form **"A"**, facility/site information, for each site.
(2) One copy of state form **"B"**, tank permit application information, for each tank.
(3) Leak Detection Program (**LDP**) and Tank Monitoring Program (**TMP**) proposals.
(4) **HMUSP** application fee (Complete Part E).

RECEIVED
FEB 25 1997
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

(E) Hazardous Materials Underground Storage Permit (**HMUSP**) fee schedule:
The **HMUSP** application fee shall include the first annual permit maintenance fee, and State surcharge. Circle amount remitted.

NUMBER OF TANKS:	HMUSP (APPLICATION FEE)		ANNUAL PERMIT MAINTENANCE FEE		STATE SURCHARGE		TOTAL FEES DUE
1	$191	+	$134	+	$ 56	=	$381
2	$224	+	$157	+	$112	=	$493
(3)	($257)	+	($180)	+	($168)	=	($605)
4	$290	+	$203	+	$224	=	$717
5	$323	+	$226	+	$280	=	$829
6 or more tanks	$158 + $33 per tank	+	$111 + $23 per tank	+	$ 56 per tank	=	

MAKE CHECKS PAYABLE TO: "L.A. COUNTY DEPARTMENT OF PUBLIC WORKS"

(F) Facilities claiming an exemption to regulation must complete this section:
❑ There are no underground storage tanks within this facility.
❑ Final interceptor(s) regulated under industrial waste Permit No _____.
❑ Underground containers within this facility are used only for emergency spill containment for above ground storage tanks.
❑ Other (attach a written statement).

(G) Tank owner representative must complete this section (see back of form):

Signature _____ Title V.P. ENGINEERING AND CONSTRUCTION

Printed Name NORB PARSONEAULT Date 2/12/97

file

INSTRUCTIONS:

Hazardous Materials Underground Storage Permit (**HMUSP**)
Application Supplement

Do not use this form for closure or transfer of an existing HMUSP, new construction plan check, to add an unregistered tank to an existing HMUSP, or an additional approval.

(A) Facility name, mailing address, and facility address on new permit applications must correspond with information on Part 1 of the State Form **"A"**, Facility/Site information. Please correct mailing label information if affixed.

(B) This application supplement is to be used for application to operate and maintain existing tanks located within the jurisdiction of the Department of Public Works. Facilities located within the corporate limits of the cities of Burbank, Glendale, Long Beach, Los Angeles, Pasadena, San Fernando, Santa Monica, Torrance, and Vernon should contact the respective local agencies directly for permit information. Permit renewal is authorized only if no ownership change has occurred. Specify the number of tanks at the facility.

(C) Assessor parcel identification is required for new permit applications only.

(D) The applicant is responsible for completing all information requested on State Forms **"A"** and **"B"**. The Department of Public Works Underground Tank inspector will not fill out these forms for you. This application is due by the date indicated. If you are unable to submit your **LDP/TMP** by the due date, a Provisional **HMUSP** will be issued granting up to 90 days to complete your submittal. Evidence of safe storage must be submitted with this application to qualify for a provisional **HMUSP**.

(E) The total fees to accompany this application represent the **HMUSP** application fee, the first annual **HMUSP** maintenance fee plus the State surcharge. Future annual **HMUSP maintenance fees** will be payable upon billing by the Department of Public Works.

(F) Persons that have been notified to file for a **HMUSP** and do not store any hazardous materials underground should check the appropriate box and return this form to avoid any unnecessary follow-up mailings.

The storage of hazardous waste in an underground tank where the specific tank is named in hazardous waste facility permit issued by the California Department of Health Services is not subject to the **HMUSP** requirements. Owners of such facilities must furnish a copy of the State permit for facilities where this exclusion is requested.

Final interceptors in industrial waste pretreatment systems, catch basins, refinery pipelines, lagoons, storm drains, oil field gathering lines, well cellars, above ground storage tank spill containment, unlined pits or sumps, and piping not directly associated with a permitted facility are not subject to a **HMUSP**. Claims for exemption are subject to verification.

(G) This **HMUSP** application supplement and each State Form **"A"** or **"B"** must be signed by the **Tank Owner** representative as follows:

1) A principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located.

2) A general partner proprietor.

3) A principal executive officer, ranking elected official, or authorized representative of a public agency.

4) A responsible business representative for persons filing under section **(F)** only.

FAX:

TO: **CARL SJOBERG**
L. A. COUNTY DEPT. OF PUBLIC WORKS
PH#: (626) 458-3539 FAX#: (626) 458-3569

FROM: **QUAN BANH**
FMD - HW/HM DIVISION
PH#: (323) 881-2444 FAX#: (323) 266-1705

15425-16787

Consolidated Permit/License Service Request

Contacted by: PER RET'D FY98-99 STMT Phone ( ) _____
☐ Telephone ☐ Letter

) New Site

X) Existing Site: CUPA ID #: W819505

- ☐ Typo/Minor Chg
- ☐ No longer _____
- X Chg Mlg Address
- ☐ Chg Bus Name
- ☐ Owner's Name
- ☐ Change "Care Of"
- ☐ Other _____

- ☐ Duplicate Accounts
- ☐ Out Of Business
- ☐ Business Moved
- ☐ Business Sold
- ☐ Undeliverable Mail
- ☐ Incorrect Fee Amount from _____ to _____

PROGRAM	PA/PA BUS #
☐ HW	
☐ TP	
☐ HM	
☐ RM	
X UST	902/6298 I
☐ AST	

LA COUNTY USE ONLY

DATE SENT	DATE REC'D
/	/
/	/
/	/
/	/
/	/
/	/

C-281598

FROM

ACCOUNT #: _____
COMPANY NAME: HUGHES FAMILY MARKETS
SITE: 14005 LIVE OAK AVE.
CITY: IRWINDALE ZIP CODE: 91706
MAILING: SAME AS SITE
OWNER NAME: _____
ATTN/CARE OF: _____
BUSINESS PH#: ( ) _____
OWNER PH#: ( ) _____

CHANGE TO / NEW SITE INFO

ACCOUNT #: _____
COMPANY NAME: _____
SITE: _____
CITY: _____ ZIP CODE: _____
MAILING: P. O. BOX 54143 LOS ANGELES, CA 90054
OWNER NAME: _____
ATTN/CARE OF: _____
BUSINESS PH#: ( ) _____
OWNER PH#: ( ) _____

PLEASE INDICATE THE EFFECTIVE DATE NOT THE SITE VISIT DATE
IF EFFECTIVE DATE IS UNKNOWN PLEASE INDICATE "UNKNOWN"

Comments: Change noted

PLEASE PROVIDE YOUR COMMENTS ABOVE AND REMIT TO QUAN BANH. THANK YOU.

F:\WPSHARE\SE SVCREQ

Smith, Tim — T [illegible] — 15425-16787

P_6298T

From: Smith, Tim
Sent: Monday, January 27, 2003 2:28 PM
To: 'Ted Walton'
Subject: RE: 14005 LIVE OAK AVE IRWINDALE , CA Zip

Ted, 015425-016787

We know Hughes is no longer the owner. Ralphs bought Hughes, but we do not know current owner. We will investigate to create change of ownership.

Tim

C-370433

-----Original Message-----
From: Ted Walton [mailto:TWalton@lacofd.org]
Sent: Monday, January 13, 2003 2:49 PM
To: Smith, Tim
Subject: 14005 LIVE OAK AVE IRWINDALE , CA Zip 91706

Tim,

Letter from customr that this site was sold on 08/29/00. Need to verify who is the correct tank owners

See 15636-38592

15425-16787

Coble, Judy

P-6298T

From: Coble, Judy
Sent: Thursday, July 15, 2004 1:24 PM
To: Lisa Maldona (E-mail)
Cc: Smith, Tim
Subject: RE: 14005 LIVE OAK AVE IRWINDALE CA 91706

Lisa,

The company removed the tank 7-23-03, which is after the deadline of 7-1-03 so the company owes the FY03-04 fees of $774.

Judy

-----Original Message-----
From: Coble, Judy
Sent: Thursday, July 15, 2004 1:20 PM
To: Lisa Maldona (E-mail)
Cc: Smith, Tim
Subject: RE: 14005 LIVE OAK AVE IRWINDALE CA 91706

C-461906

Lisa,

I hope this information helps you, if not e-mail me back.

Judy

-----Original Message-----
From: Coble, Judy
Sent: Tuesday, September 30, 2003 8:52 AM
To: 'atran@lacofd.org'
Subject: RE: 14005 LIVE OAK AVE IRWINDALE CA 91706

Anna,

I gave you the file number for the new site instead of the permit number, it should be P#373088(not Permit # 38592) I'm sorry!!

Thanks, Judy

-----Original Message-----
From: Coble, Judy
Sent: Tuesday, September 30, 2003 8:16 AM
To: 'atran@lacofd.org'
Subject: RE: 14005 LIVE OAK AVE IRWINDALE CA 91706

Anna,

You may waive the penalty fees. This file has been transferred to another file. The site address was 14005 Live Oak Ave, Now the site address is 5305 Rivergrade Rd, Permit #38592. The mailing address for the new site is: WOHL Property Group, 30200 Rancho Viejo Rd #C, San Juan Capistrano CA 92675. My understanding is the property is being handled by The Realty Associates Fund(also File name) property is large and has different streets on different sides of the property. Anyway, the other permit is P#6298t is now closed and has a zero balance.

Thanks, Judy

-----Original Message-----
From: Coble, Judy

Sent: Tuesday, August 26, 2003 2:21 PM
To: 'Anna Tran'
Subject: RE: 14005 LIVE OAK AVE IRWINDALE CA 91706

Anna,

We have not received the fees you are talking about. Is there a reason the fees were late?

Judy

-----Original Message-----
From: Anna Tran [mailto:ATran@lacofd.org]
Sent: Thursday, June 19, 2003 3:12 PM
To: Coble, Judy
Subject: 14005 LIVE OAK AVE IRWINDALE CA 91706

Hi Judy

We received the payment of UST Fees of FY02/03 in amount of $751.00 and payment of UST Fees of FY01/02=$728.00 Would like to veirfy if you are ok to waive penalty fees. if you do, please indicate so. Thanks!

Coble, Judy

From: Lisa Maldonado [LMaldona@lacofd.org]
Sent: Wednesday, July 14, 2004 11:20 AM
To: Coble, Judy
Subject: Re: 14005 Live Oak Ave., Irwindale, CA 91706

Hi Judy,

I rec'd rtn mail from facility mentioned above stating new owner since 8/29/00. also prior my notes dtd 7/03 a Mr Tariq Hussein was contacting DPW regarding the closure reports and that facility 14005 Live Oak Ave., Irwindale was not his. Judy could you please verify if tanks are at the above facility and the person liable for 03/04 fees.

Thanks

Lisa Maldonado
Senior Clerk
LACo Fire Dept.
FMD/Rev. Mgmt./Cupa Unit

Los Angeles County Department of Public Works
Environmental Programs Division
900 South Fremont Avenue, Annex 3rd floor
Alhambra, Ca 91303-1331
Telephone (626) 458-3517 - Fax (626) 458-3569

CA Cert. No. 21502



Underground Storage Tank Facility
UPGRADE COMPLIANCE CERTIFICATE

This upgrade compliance certificate is issued pursuant to Chapter 6.7, Section 25284(e), California Health and Safety Code.

File No: 015425 - 016787
Fac Name: HUGHES MARKET INC
Site add: 14005 E LIVE OAK AVE
Site city: IRWINDALE
Site Zip: 917061323
Area/City: (3S) IRWINDALE

DPW Permit No: 00006298T
CUPA NO: W819505
STATE ID: 19 000 016787

Certificate issued to:

HUGHES MARKET INC
14005 E LIVE OAK AVE

IRWINDALE, CA 917061323
Date: 12/09/1998

An upgrade compliance certificate has been issued in connection with the operating permit for the facility indicated below. The certificate number on this facsimile matches the number on the certificate displayed at the facility.

Motor Vehicle Fuel/Petroleum Tanks in Compliance:

DPW Tank No.	Owner's Tank No.	Size Gallons	Contents	Product/Fuel Type
1	1	12000	MOTOR VEHICLE FUEL	REGULAR UNLEADED GASOLINE
2	2	12000	MOTOR VEHICLE FUEL	DIESEL
3	3	12000	MOTOR VEHICLE FUEL	DIESEL

1ST REQUEST

LOS ANGELES COUNTY FIRE DEPARTMENT
CONSOLIDATED PERMIT/LICENSE
SERVICE REQUEST

15425-16787

DATE: October 3, 2000

TO: LA CO. DEPARTMENT OF PUBLIC WORKS
CARL SJOBERG
PHN 626-458-3558; FAX 626-458-3569

FROM: ANNA TRAN
FMD - SB1082 REVENUE MGMT SECTION
PHN 323 881-2444; FAX 323 266-1705

CONTACTED BY
TELEPHONE/LETTR: LETTER
PHONE #:

BUSINESS NAME: HUGHES FAMILY MARKETS
LACO CUPA ID #: #W819505
( )NEW (x)EXISTING

L.A. COUNTY USE ONLY

		PROGRAM	PA/BUS ID#	DATE SENT
Typo/Minor Change	Duplicate Accounts	HW		
No Longer:	(X) Out of Business 3/20/00	HM		
Chg Mlg Address	Business Moved	UST	00006298T	
Chg Bus Name	Business Sold	AST		
Chg in Ownership to:	Undeliverable Mail	RM		
Chg Attn/Care of	Incorrect Fee Amount	TP		
Other:	UST Removed:			

C-316629

CURRENT INFORMATION		CHANGE TO/NEW INFORMATION	
ACCOUNT #	W819505	ACCOUNT #	
BUS NAME	HUGHES FAMILY MARKETS	BUS NAME	
BUS ADRR	14005 LIVE OAK AVE.	BUS ADRR	
CITY	IRWINDALE	CITY	
ZIP CODE	91706	ZIP CODE	
MAILING NAME	HUGHES FAMILY MARKETS	MAILING NAME	
MAILING ADDR	P.O. BOX 54143	MAILING ADDR	
CITY	LOS ANGELES	CITY	
ZIP CODE	90054	ZIP CODE	
OWNER NAME	HUGHES FAMILY MARKETS	OWNER NAME	
ATTN		ATTN	
PHN# (BUS)	818-856-6263	PHN# (BUS)	
PHN# (OWN)		PHN# (OWN)	

****PLEASE INDICATE THE EFFECTIVE DATE NOT THE SITE VISIT DATE****
IF EFFECTIVE DATE IS UNKNOWN, PLEASE INDICATE "UNKNOWN"
THANK YOU

COMMENTS:
Property + tank owner is Hughes Family Markets Inc
14005 Live Oak Ave
Irwindale, CA 91706

Los Angeles County Department of Public Works
Environmental Programs Division
900 South Fremont Avenue, Annex 3rd floor
Alhambra, Ca 91303-1331
Telephone (626) 458-3547 - Fax (626) 458-3569

RECEIVED
DEC 0 9 1998
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

File No 015425 - 016787
DPW Permit No 00006298T
Number of tanks 3
Corr No 236820

The purpose of this questionnaire is to verify your underground storage tank (UST) records and mailing address on file with the Department of Public Works (DPW). Return of this questionnaire is mandatory in order to enable DPW to issue compliance stickers for motor vehile fuel (MVF)/petroleum USTS required after January 1, 1999, as defined by CCR, SEC. 2611 and provided by CH&SC, SEC. 25292.3.

HUGHES MARKET INC
14005 E LIVE OAK AVE

IRWINDALE, S CA 917061323

Mailing address correct: Y/N
Mark any corrections. NOTE: If you are a new owner, an application for transfer is required. New owner: Y/N

UNDERGROUND STORAGE TANK MANDATORY COMPLIANCE QUESTIONNAIRE MUST BE COMPLETED AND RETURNED TO DPW BY OCTOBER 29, 1998.

Facility name: HUGHES MARKET INC Site address: 14005 E LIVE OAK AVE

Contact person: Greg Peterson Telephone (310) 884-4427 ext —
Fax no. (310) 884-2585

There are 3 MVF/petroleum USTS and 0 non-petroleum USTS registered at this site.

A Certificate of Financial Responsibility IS on file for this site.

Our initial review indicates that all MVF/petroleum USTS ARE NOT IN COMPLIANCE (see individual tank information on next page(s).)

All USTS, regardless of contents, must be in compliance with State and Federal regulations by December 22, 1998, or out of service and in the process of closure. Review the information below for each UST at this site and verify how you want your MVF/petroleum UST certificates handled. Make any necessary corrections to the data shown, sign the affidavit below and return all pages (and any missing documentation) to DPW in the enclosed envelope. Items marked with an asterisk (*) require submittal of missing information or documents. Items marked with the symbol (@) require the submittal of a Certificate of Compliance (State Form "C") and supporting documentation. If you plan to upgrade or close a UST after December 22, 1998, you must eliminate the UST from service, remove the contents to a legal point of disposal and file for temporary or permanent closure with DPW no later than December 21, 1998. Owners who abandon, remove or fill USTS without prior authorization from DPW will be prosecuted.

Compliance certification should be sent to: Site address ___ Mailing address ___
We wish to pick up certificates in person X (you will be notified of date and time)

The Undersigned certifies under penalty of perjury that to the best of my belief and knowledge, the information provided is true and correct.

Signature: Greg Peterson Date: 12-7-98

Printed name: GREG PETERSON Title: FLEET MANAGER

AD

File No 015425 - 016787 Correspondence No.000236820

TANK NO.: 1 MVF/PETROLEUM TANK: YES IN COMPLIANCE: NO
Owner's tank no: 1 Date installed: 11/05/92 CAP.: 12000 G
Tank manufacturer: JOOR Contents: REGULAR UNLEADED GA
Tank construction: DOUBLE WALL Material: STEEL/IRON CLAD W/F
Interior lining: N/A Date installed: N/A
Corrosion protection: FIBERGLASS (F Date installed: 11/05/92
Methanol compatible tank: YES Drop tube installed: 11/05/92
Spill prevention device: YES Date installed: 11/05/92
Overfill prevention device: BALL FL Date installed: 11/05/92
Tank leak detection system: Primary: CONTINUOUS INTERSTITAL MONIT
Secondary: ATG >0.2 GPH W/TEST MODE
Tank test date: N/A Striker plate: YES
Underground piping: PRESSURE Construction type: DOUBLE WAL
Piping material: FRP-FIBERGLASS
Aboveground piping: Construction type:
Piping material:
Dispenser containment in place: N/A Date installed:
Leak detection: MECH LEAK DET Line test date: N/A

REMARKS: TANKS HAVE SECONDARY CONTAINMENT ON ALL PIPING, WHICH IS MONITORED BY SENSORS.

TANK NO.: 2 MVF/PETROLEUM TANK: YES IN COMPLIANCE: NO
Owner's tank no: 2 Date installed: 11/05/92 CAP.: 12000 G
Tank manufacturer: JOOR Contents: DIESEL
Tank construction: DOUBLE WALL Material: STEEL/IRON CLAD W/F
Interior lining: N/A Date installed: N/A
Corrosion protection: FIBERGLASS (F Date installed: 11/05/92
Methanol compatible tank: YES Drop tube installed: 11/05/92
Spill prevention device: YES Date installed: 11/05/92
Overfill prevention device: BALL FL Date installed: 11/05/92
Tank leak detection system: Primary: CONTINUOUS INTERSTITAL MONIT
Secondary: ATG >0.2 GPH W/TEST MODE
Tank test date: N/A Striker plate: YES
Underground piping: PRESSURE Construction type: DOUBLE WAL
Piping material: FRP-FIBERGLASS
Aboveground piping: Construction type:
Piping material:
Dispenser containment in place: N/A Date installed:
Leak detection: MECH LEAK DET Line test date: N/A

REMARKS: TANKS HAVE SECONDARY CONTAINMENT ON ALL PIPING, WHICH IS MONITORED BY SENSORS.

TANK NO.: 3 MVF/PETROLEUM TANK: YES IN COMPLIANCE: NO
Owner's tank no: 3 Date installed: 11/05/92 CAP.: 12000 G
Tank manufacturer: JOOR Contents: DIESEL
Tank construction: DOUBLE WALL Material: STEEL/IRON CLAD W/F
Interior lining: N/A Date installed: N/A
Corrosion protection: FIBERGLASS (F Date installed: 11/05/92
Methanol compatible tank: YES Drop tube installed: 11/05/92
Spill prevention device: YES Date installed: 11/05/92
Overfill prevention device: BALL FL Date installed: 11/05/92
Tank leak detection system: Primary: CONTINUOUS INTERSTITAL MONIT
Secondary: ATG >0.2 GPH W/TEST MODE
Tank test date: N/A Striker plate: YES
Underground piping: PRESSURE Construction type: DOUBLE WAL
Piping material: FRP-FIBERGLASS
Aboveground piping: Construction type:
Piping material:
Dispenser containment in place: N/A Date installed:
Leak detection: MECH LEAK DET Line test date: N/A

REMARKS: TANKS HAVE SECONDARY CONTAINMENT ON ALL PIPING, WHICH IS MONITORED BY SENSORS.

**** END OF QUESTIONNAIRE ****

Ralphs GROCERY COMPANY

GREG PETERSON
FLEET MAINTENANCE
1100 W. ARTESIA BLVD.
COMPTON, CA. 90220
310-884-4427
Fax: 310-884-2585

To: Carl Sjoberg

From: Greg Peterson

Subject: UST Certification

Date: December 7, 1998

Carl,

Please process this questionnaire and call when certification is ready to pick up. Ralphs Grocery acquired this location through the merger with Hughes Markets. Because of this, I received the questionnaire past the due date. I also wanted to thank you for all your help having the certification issued for our facility in Compton. You probably don't remember, but thank you anyway!

If you have any questions or problems, please give me a call.

Sincerely,

Greg Peterson

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☒ 3 RENEWAL PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 7 PERMANENTLY CLOSED SITE ☐ 2 INTERIM PERMIT ☐ 4 AMENDED PERMIT ☐ 6 TEMPORARY SITE CLOSURE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME	NAME OF OPERATOR	
HUGHES MARKETS DISTRIBUTION CENTER	HUGHES FAMILY MARKETS, INC.	
ADDRESS: 5305 RIVERGRADE ROAD	NEAREST CROSS STREET: ARROW HIGHWAY	PARCEL # (OPTIONAL): 022
CITY NAME: IRWINDALE, CA 91706	STATE: CA / ZIP CODE: 91706	SITE PHONE # WITH AREA CODE: (818) 856-6269

✓ BOX TO INDICATE: ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY DISTRICTS * ☐ COUNTY-AGENCY * ☐ STATE-AGENCY * ☐ FEDERAL-AGENCY *

* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST _____

TYPE OF BUSINESS	✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
☐ 1 GAS STATION ☒ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☐ 5 OTHER	☐	3	

EMERGENCY CONTACT PERSON (PRIMARY)	EMERGENCY CONTACT PERSON (SECONDARY) - optional
DAYS: NAME (LAST, FIRST): PARSONEAULT, NORB — PHONE # WITH AREA CODE: (805) 581-0561	DAYS: NAME (LAST, FIRST): SANCHEZ, GARY — PHONE # WITH AREA CODE: (805) 527-6358
NIGHTS: NAME (LAST, FIRST) — PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST) — PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION		
HUGHES FAMILY MARKETS, INC.			
MAILING OR STREET ADDRESS: 14005 LIVE OAK AVE.	✓ box to indicate ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME: IRWINDALE, CA 91706	STATE: CA	ZIP CODE: 91706	PHONE # WITH AREA CODE: (818) 856-6263

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION		
SAME			
MAILING OR STREET ADDRESS	✓ box to indicate ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME	STATE	ZIP CODE	PHONE # WITH AREA CODE

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44-038238

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: ☐ 1 SELF-INSURED ☐ 2 GUARANTEE ☐ 3 INSURANCE ☐ 4 SURETY BOND ☐ 5 LETTER OF CREDIT ☐ 6 EXEMPTION ☐ 99 OTHER _____

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. ☐ II. ☐ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED)	OWNER'S TITLE	DATE MONTH/DAY/YEAR
[signature]	V.P. ENGINEERING/CONSTRUCTION	2/13/97

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
19	000	15425-16787

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - DISTRICT CODE - *OPTIONAL*

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.
OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

INSTRUCTIONS FOR COMPLETING FORM "A"

GENERAL INSTRUCTIONS:

SECTION 2711 OF TITLE 23, CHAPTER 16, CALIFORNIA CODE OF REGULATIONS AND SECTIONS 25286, 25287, AND 25289 OF CHAPTER 6.7, DIVISION 20, CALIFORNIA HEALTH AND SAFETY CODE REQUIRE OWNERS TO APPLY FOR AN UST OPERATING PERMIT.

1. One FORM "A" shall be completed for all NEW PERMIT CHANGES or any FACILITY/SITE INFORMATION CHANGES.
2. SUBMIT ONLY ONE (1) FORM "A" for a Facility/Site, regardless of the number of tanks located at the site.
3. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
4. Please type or print clearly all requested information.
5. Use a hard point writing instrument, you are making 3 copies.
6. Tank owner must submit a facility plot plan to the local agency as part of the application showing the location of the USTs with respect to buildings and landmarks [Section 2711 (a)(8), CCR].
7. Tank owner must submit documentation showing compliance with state financial responsibility requirements to the local agency as part of the application for petroleum USTs [Section 2711 (a)(11), CCR].

TOP OF FORM: "MARK ONLY ONE ITEM"

Mark an (X) in the box next to the item that best describes the reason the form is being completed.

I. FACILITY/SITE INFORMATION & ADDRESS (MUST BE COMPLETED)

1. Record name and address (physical location) of the underground tank(s).
   NOTE: Address MUST have a valid physical location including city, state, and zip code.
   P.O. BOX NUMBERS ARE NOT ACCEPTABLE.
   Include nearest cross street and name of the operator.
2. Phone number must have an area code. If the night number is the same, write "SAME" in proper location.
3. Check the appropriate box for TYPE OF BUSINESS OWNERSHIP (ex. CORPORATION, INDIVIDUAL, etc.).
4. Check the appropriate box for TYPE OF BUSINESS.
5. If Facility/Site is located within an Indian reservation or other Indian trust lands, check the box marked "YES".
6. Indicate the NUMBER of TANKS at this SITE.
7. Record the E.P.A. ID # or write "NONE" in the space provided.

II. PROPERTY OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION 1; If the same, write "SAME AS SITE" across this section. Be sure to check PROPERTY OWNERSHIP TYPE box.

III. TANK OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION 1; If the same, write "SAME AS SITE" across this section. Be sure to check TANK OWNERS TYPE box.

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER (MUST BE COMPLETED. SEE ARTICLE 5, CHAPTER 6.75, DIVISION 20, CALIFORNIA HEALTH AND SAFETY CODE.)

Enter your Board of Equalization (BOE) UST storage fee account number which is required before your permit application can be processed. Registration with the BOE will ensure that you will receive a quarterly storage fee return in reporting the $0.006 (one-fifth per gallon) fee due on the number of gallons placed in your USTs. The BOE will code persons exempt from paying the storage fee so returns will not be sent. If you do not have an account number with the BOE or if you have any questions regarding the fee or exemptions, please call the BOE at 916/322-9669 or write to the BOE at the following address Board of Equalization, Fuel Taxes Division, P.O. Box 942878, Sacramento, CA 94279-5001.

V. PETROLEUM UST FINANCIAL RESPONSIBILITY (MUST BE COMPLETED FOR PETROLEUM USTs ONLY, SEE SECTIONS 2711 (a)(8) OF TITLE 23, CHAPTER 16, CALIFORNIA CODE OF REGULATIONS.)

Identify the method(s) used by the owner and/or operator, in meeting the Federal and State financial responsibility requirements. USTs owned by any Federal or State agency as well as non-petroleum USTs are exempt from this requirement.

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Check ONE BOX for the address that will be used for BOTH LEGAL AND BILLING NOTIFICATIONS.
TANK OWNER OR AUTHORIZED REPRESENTATIVE MUST SIGN AND DATE THE FORM AS INDICATED. [SECTIONS 2711 (a)(13) OF TITLE 23 CHAPTER 16, CALIFORNIA CODE OF REGULATIONS.]

INSTRUCTION FOR THE LOCAL AGENCIES

The county an jurisdiction numbers are predetermined and can be obtained by calling the State Board (916) 227-4303. The facility number may be assigned by the local agency; however, this number must be numerical and cannot contain any alphabetical characters. If the local agency prefers the State Board to assign the facility number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THIS APPLICATION CANNOT BE PROCESSED IF THE BOE ACCOUNT NUMBER IS NOT FILLED IN. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS. THE LOCAL AGENCY SHOULD RETAIN THE ORIGINALS AND FORWARD THE YELLOW COPIES TO THE FOLLOWING ADDRESS. THE PINK COPY SHOULD BE RETAINED BY THE TANK OWNER.

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

HAZARDOUS MATERIAL UNDERGROUND STORAGE INSPECTION

HMS UPDATE
BY _____
DATE _____
INSP# _____
-HQ USE ONLY-

015425 - 016787

BUSINESS NAME: HUGHES MARKET INC FILE NO.: _____ AREA: 35
STREET NO.: 14665 FR: _ DR: E NAME: LIVE OAK SF: AVE UNIT: _
CITY: IRWINDALE CA ZIP: 91706 - 1323 TG: 39 D2
XSTREET: RIVERGRADE RD CONTACT: NORB PARSONEAULT TEL: 818 338 2580

UST OWNER NAME: HUGHES MARKET INC
[X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP
[ ] GOV AGENCY [ ] OTHER
IS UST OWNER THE OPERATOR? [X] YES [ ] NO: OPERATORS NAME _____
MAILING NAME: SAME ADDRESS: SAME
CITY: _____ ZIP: _____ TEL: ___ ___ ___

CONSENT TO INSPECT: [X] YES [ ] NO
CONTACT: _____ TITLE: _____ TEL: ___ ___ ___

INVENTORY RECONCILIATION:	YES	NO	N/A
1. Inventory records complete	[X]	[ ]	[ ]
2. Allowable variations exceeded	[ ]	[X]	[ ]
3 Product dipstick in good condition	[X]	[ ]	[ ]
4. Water/Gas indicating paste utilized	[X]	[ ]	[ ]

UST AND PIPING:

1. UST and piping locations and configurations consistent with approved plans [X] [ ] [ ]
2. Precision tank integrity test records reviewed:
   Date last tested 1993
3. Corrosion protection system installed [ ] [ ] [X]
   Date last maintenance certification _____
4. Overfill protection/fillpipe installed [X] [ ] [ ]
   Date installed _____

MONITORING SYSTEM:

1. Identify method of monitoring/leak detection: VEEDER-ROOT
2. Established procedures for alarms notification [X] [ ] [ ]
3. Monitoring tapes/read-out reviewed [X] [ ] [ ]
4. Self-diagnostic or calibration program performed [X] [ ] [ ]
   Date last maintenance certificate _____

MONITORING WELLS:

1. Wells located per approved plans [ ] [ ] [X]
2. Wells properly surface sealed and clearly marked [ ] [ ] [X]

ON-SITE RECORDS:

1. Last 12 months leak detection records [X] [ ] [ ]
2. Copy of performance claims (third party certification) for leak detection method [ ] [ ] [X]
3. Tank and or associated piping system repairs [ ] [X] [ ]
4. Tank and/or piping leak detection system maintenance (last 12 months) [ ] [X] [ ]
5. Certification of financial responsibility (petroleum sites only) [X] [ ] [ ]

Location of records if not on-site _____

OTHER:

OUTSIDE OPERATIONS: _____

_____

_____

SURFACE RUNOFF: _____

_____

_____

_____

_____

CORRECTIVE ACTION REQUIRED:

_____

_____

_____

_____

_____

_____

_____

[ ] Pursuant to Los Angeles County Code, Title 11, Division 4, §11.84.020, correction of the above conditions is required within 30 days from the date of this notice. Upon completion of corrective action, contact the undersigned at (___) _____ between 8:00 am and 9:30 pm for compliance verification.

By: _____ DATE 3-8-95
Inspector, Waste Management Division

The undersigned hereby acknowledges receipt of a copy of this report and/or Notice:

Name _____
Title _____ Date 3/8/95

REDSURVEY.LST 02 24 94

-HQ USE ONLY-

OFFICE RECORD VERIFICATION	YES	NO	N/A
1. Operating Permit Current	[ ]	[ ]	[ ]
2. Permit Application and State Forms A & B Complete	[ ]	[ ]	[ ]
3. Backlogged: Correspondence Violations Inspections (Circle Items)	[ ]	[ ]	[ ]
4. Outstanding Fees	[ ]	[ ]	[ ]
5. Inventory Reconciliation Verification	[ ]	[ ]	[ ]
6. Notification Prior to Tank or Piping Integrity Test	[ ]	[ ]	[ ]
7. Report of Tank or Piping Integrity Test	[ ]	[ ]	[ ]
8. Date of Most Recent Test _____			
9. Reports of Unauthorized Releases	[ ]	[ ]	[ ]
10. Records or Certification of any Repairs	[ ]	[ ]	[ ]
11. Tank Closure Documents	[ ]	[ ]	[ ]

STATE OF CALIFORNIA

45425-016787

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500

201303

March 5, 1992

Ms. Yvonne M. Taylor
Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue, Annex, Second Floor
Alhambra, CA 91803-1331

WELL INVESTIGATION PROGRAM-COPY ALL CORRESPONDENCE REQUEST, HUGHES MARKETS, (FILE NO. AB108.1711)

This is a follow-up to the meeting held at your Los Angeles County Department of Public Works (LACDPW) office on February 20, 1992, regarding the underground waste storage tank (UWST) that was recently removed, under the jurisdiction of LACDPW, from property owned by Hughes Markets, Inc. at the following address:

Contact: Mr. Norb Parseneault
Hughes Markets, Inc.
14005 East Live Oak Avenue
Irwindale, CA 90071

This Regional Board respectfully requests that your department copy us on all correspondence between you and the owner of the above referenced property regarding UWST removal, remediation/monitoring (if applicable) and closure (report/analytical results) as this Board is currently involved in an ongoing investigation of the redevelopment area which includes this site and wishes to keep informed of all additionally required or future investigations/requirements concerning the site. We also request that you consider, where appropriate, requiring soil, soil vapor and/or ground water samples be analyzed for volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs).

If you have any questions concerning this matter please contact Rick Kaumeyer at (213) 266-7529 and address all correspondence to his attention.

ROY R. SAKAIDA
Senior Water Resource
Control Engineer

RRS:rsk

cc: Mr. Wayne Praskins, USEPA, Region IX
Mr. Carl Sjoberg, LACDPW, Underground Tank Division
Mr. Norb Parseneault, Hughes Markets, Inc.

January 26, 1995

C# 120992

Note to the file # 015425-16787

Per Correspondence dated 5-19-92 in file # 000590-000593, entitled "Work Plan To Conduct Remedial Investigation @ 14005 E. Live Oak Ave," Site address 14041 E. Live Oak was subdivided, parcel purchased by Hughes was 14005 Live Oak.

See file # 000590-000593 for previous site history -

Nardy Drew

Hughes™

FAMILY MARKETS

14005 Live Oak Ave., Irwindale, CA 91706
P.O. Box 7873, Baldwin Park, CA 91706
Phone (818)856-6580

June 21, 1994

State Water Resources Control
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754-2156

I am the chief financial officer for Hughes Family Markets Inc., 14005 Live Oak Ave., Irwindale, CA 91706. This letter is in support of the use of the Underground Storage Tank Cleanup Fund to demonstrate financial responsibility for taking corrective action and/or compensating third parties for bodily injury and property damage caused by an unauthorized release of petroleum in the amount of at least $500,000 per occurrence and $1,000,000 annual aggregate coverage.

Underground storage tanks at the following facilities are assured by this letter: Hughes Markets Distribution Facility. 14005 Live Oak Ave., Irwindale, CA 91706

1. Amount of annual aggregate coverage being assured by this letter:.....$ 1,000,000

2. Total tangible assets:.....$ 291,820,886

3. Total liabilities(if any of the amount on line 2 is included in total liabilities, you may deduct that amount from this line and add that amount to line 4).....$ 167,880,180

4. Tangible net worth (subtract line 3 from line 2. Line 4 must be at least 10 times line 1).....$ 123,940,706

I hereby certify that the wording of this letter is identical to the wording specified in subsection 2808.1 (d)(1), Chapter 18, Division 3, Title 23 of the California Code of Regulations.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and belief. Executed at Hughes Markets on June 21, 1994.

Allan Brennan
Chief Financial Officer

State of California
State Water Resources Control Board

For Regulatory Agency Use Only CUG787

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

[X] 500,000 dollars per occurrence or [ ] 1 million dollars per occurrence AND [X] 1 million dollars annual aggregate or [ ] 2 million dollars annual aggregate

B. Hughes Markets Inc. *hereby certifies that it is in compliance with the requirements of Section 2807,*
(Name of Tank Owner or Operator)
Article 3, Chapter 18, Division 3, Title 23, California Code of Regulations.
The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Comp.
State Fund			$990,000	continous	yes	yes
CFO Letter			$10,000	"	"	"

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
Hughes Markets - Distribution Facility	14005 Live Oak Ave. Irwindale, CA 91706
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address

E. Signature of Tank Owner or Operator — Date: 6-23-94 — Name and Title of Tank Owner or Operator: [illegible]

Signature of Witness or Notary — Date: 6-23-94 — Name of Witness or Notary: ELAINE REACNE, CLAIMS MGR.

CFR(04/92) FILE: Original – Local Agency Copies – Facility/Site(s)

6294CT

INSTRUCTIONS

CERTIFICATION OF FINANCIAL RESPONSIBILITY FORM

Please type or print clearly all information on Certification of Financial Responsibility form. All UST facilities and/or sites owned or operated may be listed on one form; therefore a separate certificate is not required for each site.

DOCUMENT INFORMATION

A. Amount Required - Check the appropriate boxes.

B. Name of Tank Owner or Operator - Full name of either the tank owner or the operator.

C. Mechanism Type - Indicate which State approved mechanism(s) are being used to show financial responsibility either as contained in the federal regulations, 40 CFR, Part 280, Subpart H, Sections 280.90 through 280.103 (See Financial Rponsibility Guide, for more information), or Section 2808.1, Chapter 18, Division 3, Title 23, CCR.

Name of Issuer - List all names and addresses of companies and/or individuals issuing coverage.

Mechanism Number - List identifying number for each mechanism used. Example: insurance policy number or file number as indicated on bond or document. (If using State Cleanup Fund (State Fund) leave blank.)

Coverage Amount - Indicate amount of coverage for each type of mechanism(s). If more than one mechanism is indicated, total must equal 100% of financial responsibility for each facility.

Coverage Period - Indicate the effective date(s) of all financial mechanism(s). (State Fund coverage would be continuous as long as you maintain compliance and remain eligible to continue participation in the Fund.)

Corrective Action - Indicate yes or no. Does the specified financial mechanism provide coverage for corrective action? (If using State Fund, indicate "yes".)

Third Party - Compensation - Indicate yes or no. Does the specified financial mechanism provide coverage for third party compensation? (If using State Fund, indicate "yes".)

D. Facility - Information - Provide all facility and/or site names and addresses.

E. Signature Block - Provide signature and date signed by tank owner or operator; printed or typed name and title of tank owner or operator; signature of witness or notary and date signed; and printed or typed name of witness or notary (if notary signs as witness, please place notary seal next to notary's signature).

Where to Mail Certification:
Please send original to your local agency (agency who issues your UST permits). Keep a copy of the certification at each facility or site listed on the form.

Questions:
If you have questions on financial responsibility requirements or on the Certification of Financial Responsibility Form, please contact the State UST Cleanup Fund at (916) 227-4307.

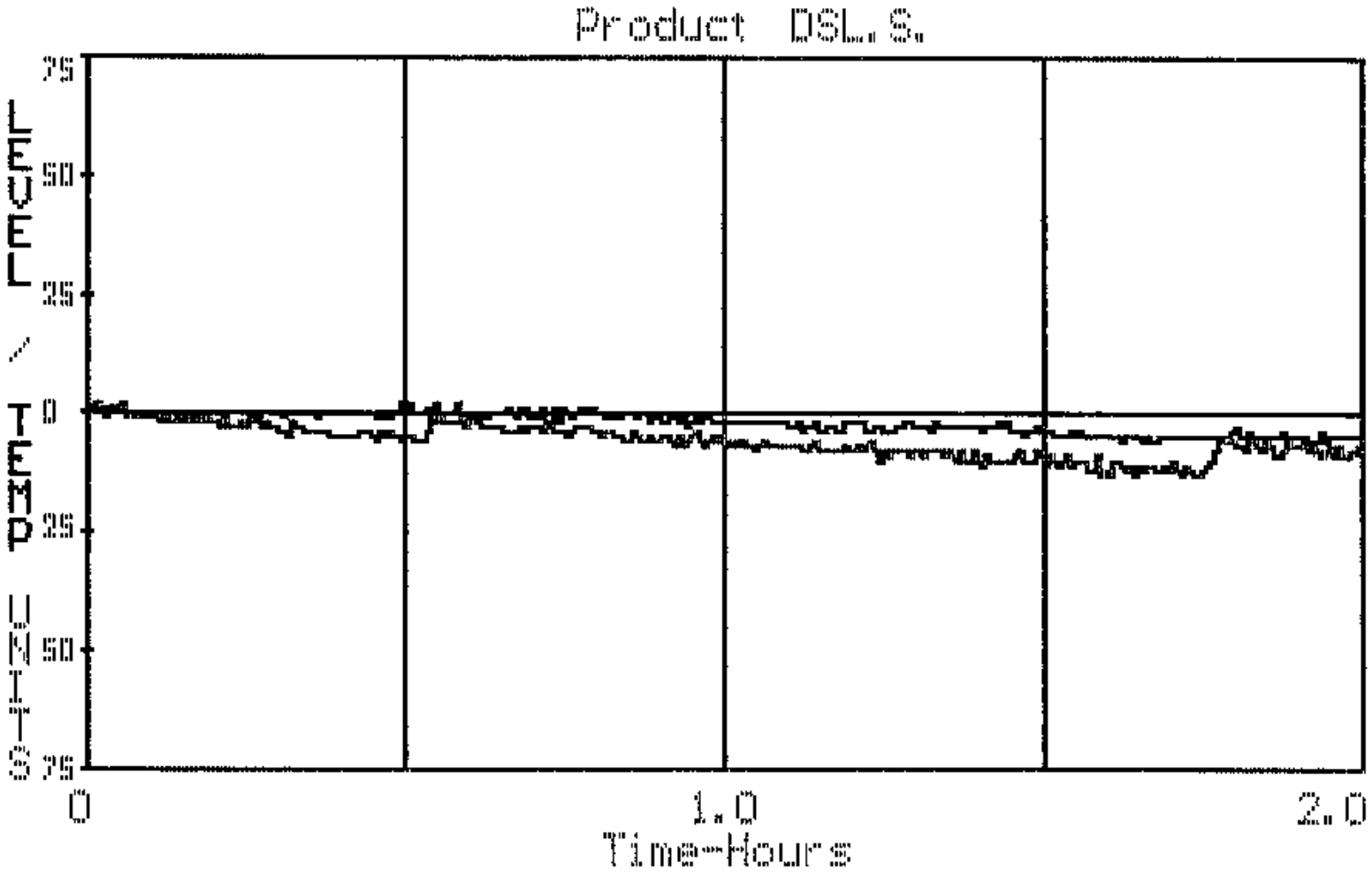
Note: Penalties for Failure to Comply with Financial Responsibility Requirements:
Failure to comply may result in: (1) jeopardizing claimant eligibility for the State UST Cleanup Fund, and (2) liability for civil penalties of up to $10,000 dollars per day, per underground storage tank, for each day of violation as stated in Article 7, Section 25299.76(a) of the California Health and Safety Code.

Associated Environmental Systems, Inc.

P.O. Box 8042 Bakersfield, CA 93380 (80[illegible]) 393-2212

AES/System II Precision leak Test Graph (overfill)

Invoice No.: 18126C Date: 03/22/93 Time : 14:04:30
Technician: TFK Tank: 1 Tank Diameter(in): 110
Volume(gal): 12000 Grade Level(in): 172 Product Level(in): 166
Water Level On Tank(in): 0
Specific Gravity: .85 Coefficient Of Expansion: 0.0004601
Calibration Value(ml): 200 Channel: 1
Level Segment From: 80 To 270 Temp Segment From: 80 To 270



Change In Calibration Zone = 11 Calibration Unit(gal/unit) = 0.00473
Starting Temperature (F): 68.060 Head Pressure(psi (Btm)): 5.09
Surface Area(sq. in): 96.4 Temp. Change(F/h) : -0.010

Level volume(gph): -0.06
Temp. volume(gph): -0.05 Product Line(gph): -.005
Net change(gph) : -0.01

Result --> PASS P/L --> PASS

Copyright (c) 1989, AES, Bakersfield, California

** Notes **

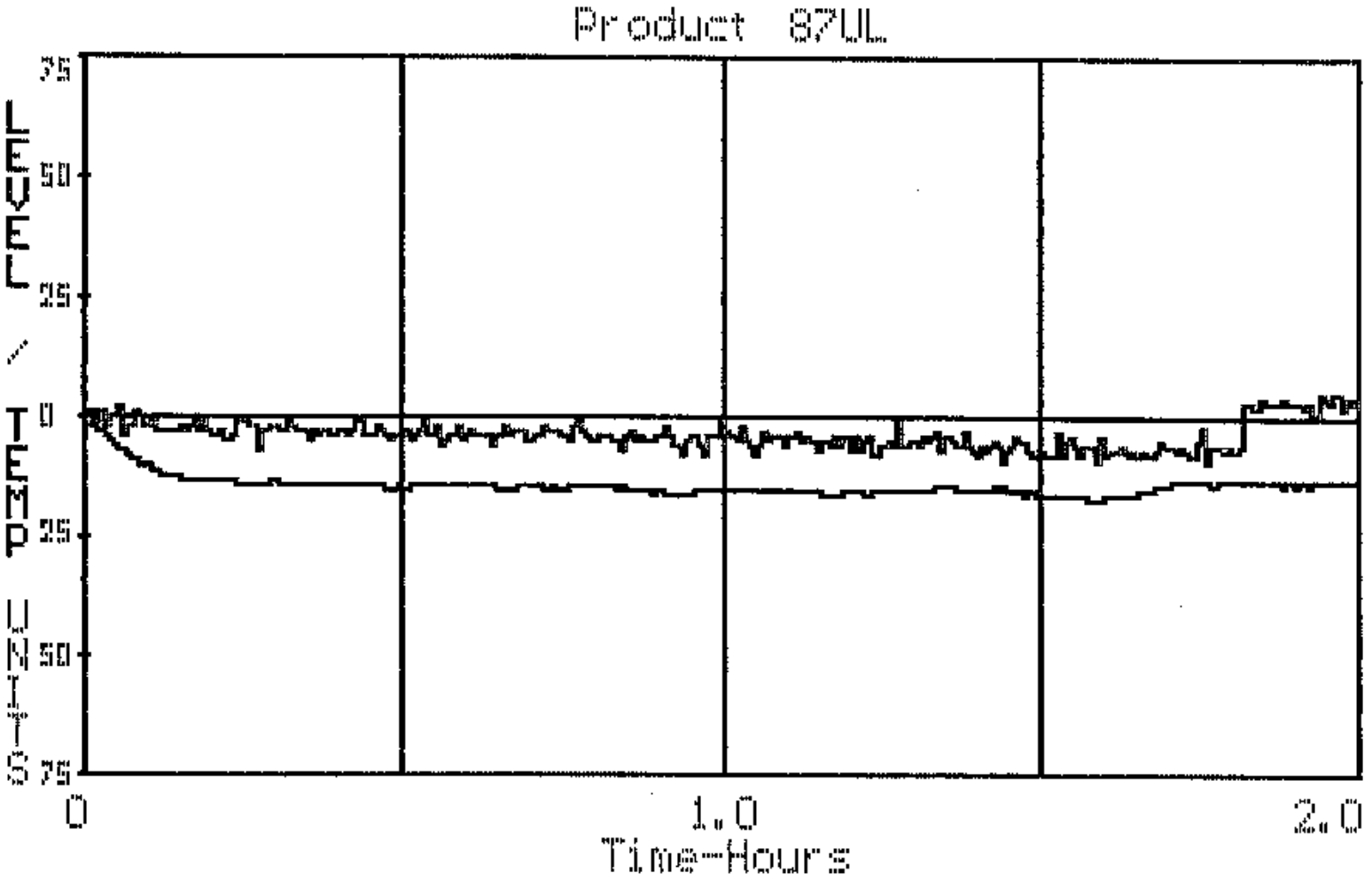
HUGHE'S MARKET.
14005 LIVE OAK., IRWINDALE, CA
TWO HOURS, HIGH LEVEL TEST.

Associated Environmental Systems, Inc.

P.O. Box 80427 Bakersfield, CA 93380 (805) 393-2618

AES/System II Precision Leak Test Graph (Overfill)

Invoice No.: 18126C Date: 03/22/93 Time : 14:04:30
Technician: TFK Tank: 2 Tank Diameter(in): 110
Volume(gal): 12000 Grade Level(in): 173 Product Level(in): 166
Water Level On Tank(in): 0
Specific Gravity: .74 Coefficient Of Expansion: 0.0006754
Calibration Value(ml): 200 Channel: 2
Level Segment From: 80 To 270 Temp Segment From: 80 To 270



Change In Calibration Zone = 10 Calibration Unit(gal/unit) = 0.00520
Starting Temperature (F): 70.395 Head Pressure(psi (Btm)): 4.43
Surface Area(sq. in): 121.7 Temp. Change(F/h) : -0.005

Level volume(gph): -0.01
Temp. volume(gph): -0.03 Product Line(gph): -.008
Net change(gph) : 0.02

==========

Result ---> PASS **P/L ---> PASS**

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** Notes **

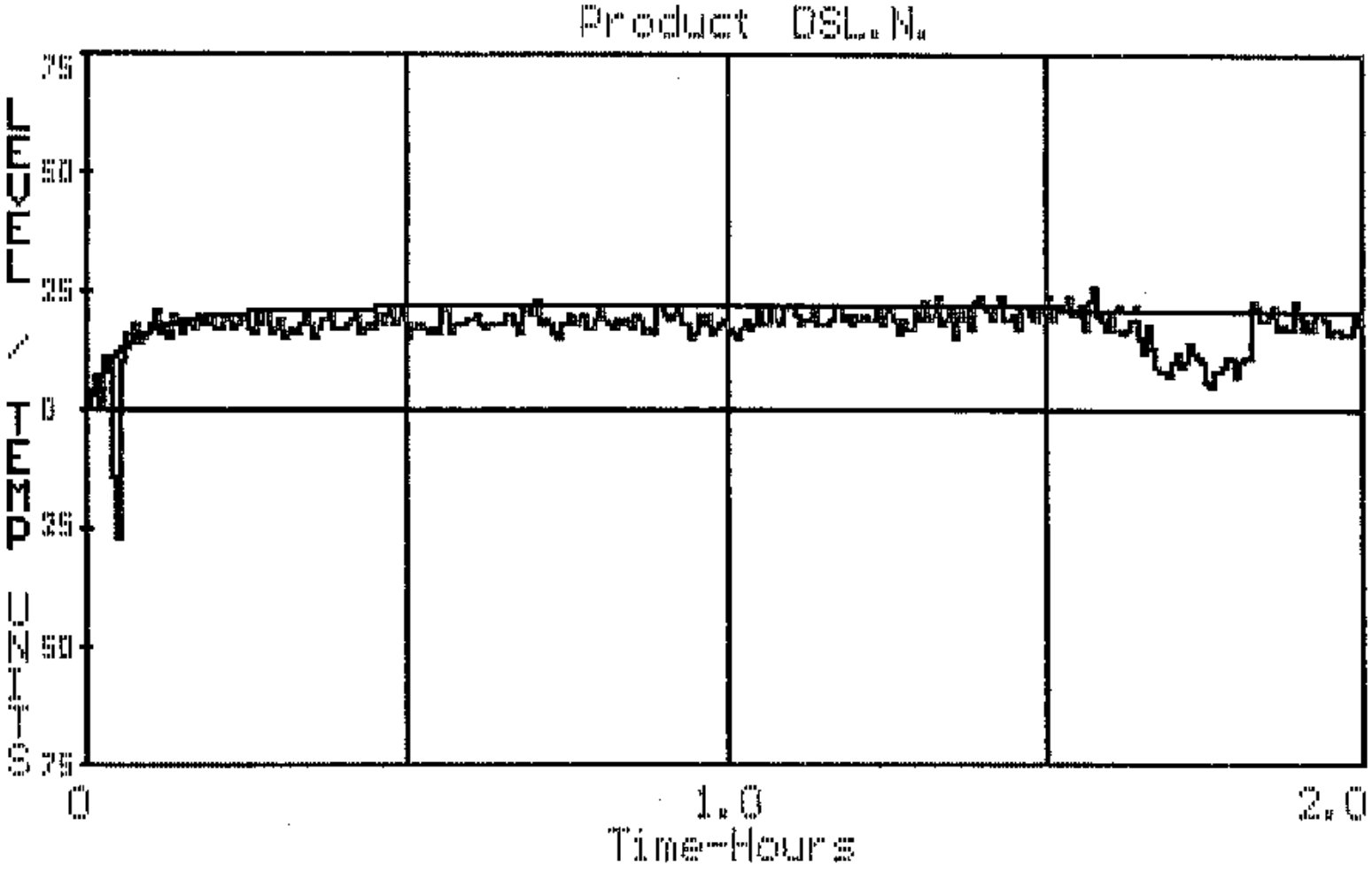
HUGH'S MARKET.
14005 LIVE OAK., IRWINDALE, CA
TWO HOURS, HIGH LEVEL TEST.

Associated Environmental Systems, Inc.

P.O. Box 8048 Bakersfield, CA 93380 (805) 393-2218

AES/System I. .recision leak Test Graph .erfill)

Invoice No.: 18126D Date: 03/22/93 Time : 16:22:22
Technician: TFK Tank: 3 Tank Diameter(in): 110
Volume(gal): 12000 Grade Level(in): 173 Product Level(in): 166
Water Level On Tank(in): 0
Specific Gravity: .84 Coefficient Of Expansion: 0.0004666
Calibration Value(ml): 200 Channel: 1
Level Segment From: 100 To 270 Temp Segment From: 100 To 270



Change In Calibration Zone = 10 Calibration Unit(gal/unit) = 0.00520
Starting Temperature (F): 70.943 Head Pressure(psi (Btm)): 5.03
Surface Area(sq. in): 107.2 Temp. Change(F/h) : -0.008

Level volume(gph): -0.02
Temp. volume(gph): -0.04 Product Line(gph): -.007
Net change(gph) : 0.02

Result ---> PASS **P/L ---> PASS**

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** Notes **

HUGH'S MARKET.
14005 LIVE OAK., IRWINDALE, CA
TWO HOURS, HIGH LEVEL TEST.

ASSOCIATED ENVIRONMENTAL SYSTEMS, INC.
P.O. BOX 80427
BAKERSFIELD, CA 93380
(805) 393-2212

BILLING ORDER

INVOICE NUMBER 8126

INVOICE ADDRESS:	TANK LOCATION:	TAKEN BY:
	HUGHES MARKET.	DATE TAKEN:
	14005 LIVE OAK AVE	SALESMAN: TERR:
	IRWINDALE, CA	TECHNICIAN:
		COUNTY:
		CO. NOTIFIED:
		P.O.#:
CONTACT:	CONTACT:	TEST DATE:
PHONE:	PHONE:	TEST TIME:

EMERGENCY CONTACT: PHONE:

A.E.S. HYDROSTATIC PRODUCT LINE TEST RESULT SHEET

PRODUCT	START VOLUME	END VOLUME	TEST PRESSURE	VOLUME DIFF. (GPH)	PASS/FAIL
REGULAR S. REG.	160	155	50	-.005	PASS
S/UL					
R/UL	147	139	50	-.008	PASS
DIESEL N.	130	123	50	-.007	//
OTHER					
CONFIRMATION TEST IF FIRST FAILED					

TEST PRESSURE IS 50 PSI WITH LEAK DETECTOR REMOVED & IMPACT CLOSED.

ASSOCIATED ENVIRONMENTAL SYSTEMS, INC.
P.O. BOX 80427
BAKERSFIELD, CA 93380
(805) 393-2212

INVOICE NUMBER 18126
3/22/93

AES HYDROSTATIC PRODUCT LINE TEST WORK SHEET

TEST NO.	PRODUCT	START TIME	END TIME	START VOL. (ml)	END VOL. (ml)	TEST VOL. DIFF. (ml)
1	Dsl.s.	0930	1000	160	155	-.005
1	87 nl	1015	1045	147	139	-.008
1	Dsl.n.	11	1130	130	123	-.007

Divide the volume differential by the test time (15 minutes) and multiple by 0.0158311, which will convert the volume differential from milliliters per minute to gallons per hour.

The conversion constant is found by:

(60 nin/hr)/(3790 ml/gal) = 0.0158311(min/hr)(gal/ml)

The conversion constant causes the milliliters and minutes to cancel out.

Ex. If the level dropped 3ml in 15 minutes then:

3/15 ml./min. X 0.0158311(min/hr)(gal/ml) = 0.003 gal/hr.

RESULTS OF THIS WORK SHEET TO BE COMPLIED ON A.E.S. RESULTS SHEET.

LOS ANGELES COUNTY DEPARTMENT O BLIC WORKS
Waste Management Division – Underground Storage of Hazardous Materials
900 South Fremont Avenue
Alhambra, CA 91803-1331

DO NOT WRITE IN THIS SPACE	43153
RECEIVED OCT 26 1992 DEPARTMENT OF PUBLIC WORKS WASTE MANAGEMENT DIVISION	DPW USE FILE # 16787 R/C CODE 35 HMUSP # 6298 SURCHARGE YES ☐ NO ☐ HMUSP REQ YES ☐ NO ☐ TGP ____ TGC ____

☒ **NEW CONSTRUCTION PLAN CLEARANCE**
☐ **PERMIT ADDENDUM**
☐ **PIPING REPLACEMENT REVIEW**

APPLICATION FOR NEW CONSTRUCTION PLAN

"See instructions on back of this form"

A *OWNER INFORMATION*

HUGHES MARKETS
OWNER/FACILITY NAME
2716 SAN FERNANDO RD.
MAILING ADDRESS
LOS ANGELES CA 90065
CITY STATE ZIP
14005 LIVE OAK AVE IRWINDALE CA. 91706
FACILITY ADDRESS

B **COMPLETE FOLLOWING:**

No. of Existing Tanks at site: 0
No. of Tanks to be installed: 3
No. of Tanks to be removed: 0
(SEPARATE CLOSURE PERMIT REQUIRED)
Net Tanks at site: 3

C **NEW CONSTRUCTION PLAN CLEARANCE APPLICATIONS MUST BE ACCOMPANIED BY:**

☐ State *Underground Storage Tank Permit Application Form* **A** & *Form* **B** for each tank to be installed or piping replacement.
☐ Four (4) sets of construction plans and specifications.
New construction plan clearance fee. Enter amount in space provided.

Renewal of 3481A

NUMBER OF TANKS	PLAN CLEARANCE FEE
1	$215.00
2	$264.00
(3)	$313.00
4	$362.00
5	$411.00
6 or more	$166.00 + $49.00 PER TANK

one half of PC fee
out for correction 11/5

	ENTER FEE AMOUNTS BELOW
☐ Plan Clearance Fee	$
☐ State Surcharge of $56.00 for each tank (not for piping replacement).	$
☐ Total Fee = Plan Clearance Fee + State Surcharge	$ 157

MAKE CHECKS PAYABLE TO "L. A. COUNTY DEPARTMENT OF PUBLIC WORKS"

D **SYSTEM MODIFICATION OR CHANGE PROPOSED:** ____

E **ADDENDUM APPLICATIONS MUST BE ACCOMPANIED BY:**

☐ State underground storage tank permit application Form **B** for each tank modified or changed.
☐ Four (4) sets of construction plans, specifications and/or explanation of modifications or changes.
☐ Permit Addendum Fee of $146.00 ..... $ ____

F **APPLICANT OR REPRESENTATIVE:**

Signature Bryan Cannon Title Projects
Print Name BRYAN CANNON Date 10-22-92
Contractors shall furnish State Contractors License No. 293700 Class A, B, C

38-0013 DPW 9/92

INSTRUCTIONS

Hazardous Materials Underground Storage Program
New Construction Plan Clearance, Permit Addendum or Piping Replacement Application

Do not use this form for closure, transfer or renewal of an existing HMUSP.

This application is for authorization to construct or modify hazardous material storage facilities ***only***. A separate Hazardous Materials Underground Storage Permit (***HMUSP***) is required to operate the approved system. This application will not be approved unless a valid ***HMUSP*** application is on file with the Department of Public Works.

A Facility name, mailing address and facility address on this form must correspond with information on Part II of the State *Underground Storage Tank Permit Application Form* **A**.

B This application must be submitted for new construction (installation of new tanks) plan clearance, piping replacement or addendum to an existing ***HMUSP***. Specify the number of tanks to be installed and the total number of tanks after installation. Existing facilities with a valid operational ***HMUSP*** need not make a separate ***HMUSP*** application.

C Plans and specifications submitted for a new construction plan clearance must conform to Department of Public Works' "*Underground Storage of Hazardous Materials Guidelines*" and shall demonstrate compliance with all State and Federal requirements. Piping replacement requires a plan clearance fee for each tank involved.

In addition to the plan clearance fee, a ***HMUSP*** permit fee will be required when applying to construct a new facility. A State Surcharge fee of $56.00 per tank will be required for each tank that increases the net number of tanks. No refund of current year ***HMUSP*** fees due will be allowed for a net decrease in the number of tanks.

D Specify the type of modification or change to existing tanks. Types of modifications and changes requiring an addendum include: repair of tanks, replacement of piping, change or addition of hazardous material stored, change in monitoring equipment or change of overfill protection.

E A fee of $146.00 must be submitted for each addendum. Where a previously unregistered tank is added to an existing ***HMUSP***, an additional annual fee adjustment of $21.00 per tank is required.

F This form and each State ***Underground Storage Tank Permit Application Form*** must be signed by one of the following:

1. The tank owner.
2. A principal executive officer at the level of vice-president or by an authorized representative responsible for the overall operation of the facility where the tank(s) are located.
3. A general partner proprietor.
4. A principal executive officer, ranking elected official or authorized representative of a public agency.
5. An authorized representative, including an architect or contractor responsible for the installation of the new tanks or any modifications or changes to existing tanks.

INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED.

FILE COPY

PROVISIONAL
HAZARDOUS MATERIALS UNDERGROUND STORAGE UNIT
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PERMIT NO. 6298

EXPIRATION DATE MAY 19 1993

PERMISSION IS HEREBY GRANTED UNDER LACC TITLE 11, DIVISION TO:

16787-3S	<<<<<<<<FILE NUMBER
Hughes Markets 2716 San Fernando Rd. Los Angeles Ca. 90265	<<<<<<<<PERMITTEE
RE: 14005 LIVE OAK AVE	<<<<<<<<FACILITY ADDRESS

TO STORE HAZARDOUS MATERIALS IN UNDERGROUND TANK(S) LOCATED AT THE FACILITY ABOVE.

NUMBER OF PERMITTED TANKS: 3

THIS PROVISIONAL PERMIT IS SUBJECT TO THE FOLLOWING REQUIREMENTS:

PART A -- GENERAL CONDITIONS AND LIMITATIONS (ATTACHED).
PART B -- AUTHORIZED HAZARDOUS MATERIAL STORAGE TANKS (ATTACHED).
PART C -- SPECIFIC CONDITIONS AND LIMITATIONS:

1. THE PERMITTEE SHALL SUBMIT FOR APPROVAL AND IMPLEMENT A LEAK DETECTION PROGRAM (LDP) AND A TANK MONITORING PROGRAM (TMP) PREPARED IN ACCORDANCE WITH "UNDERGROUND STORAGE OF HAZARDOUS MATERIALS - GUIDELINES FOR EXISTING FACILITIES, OCTOBER 1986."

2. THE FOLLOWING TIME SCHEDULE SHALL APPLY TO SUBMITTALS REQUIRED BY THIS PROVISIONAL PERMIT:

   a. PERMIT FEE DUE BY (SEE INVOICE) TO BE BILLED

   b. TANK INTEGRITY TEST RESULTS DUE BY N/A

   c. PROPOSALS FOR LDP AND TMP DUE BY N/A

3. PERMIT EFFECTIVE DATE 3-25-92
   NOTE: THE EFFECTIVE DATE IS DETERMINED BY ORIGINAL DATE OF PERMIT APPLICATION.

PART D -- SPECIAL CONDITIONS AND LIMITATIONS ATTACHED. YES [X] NO [ ]

~~This provisional Permit is valid only for the continued operation of tanks providing suitable storage and expires six (6) months from the date of issue.~~ Permittee has until the expiration date to complete an approved LDP and to install and be in compliance with an approved TMP. Upon full compliance with the approved LDP and TMP and all other conditions and limitations, this Provisional Permit will be replaced by a full term from the effective date unless otherwise noted in Part D above.

T.A. TIDEMANSON
DIRECTOR OF PUBLIC WORKS

BY _____ 11-19-92
WASTE MANAGEMENT DIVISION DATE OF ISSUANCE

PP801 1/89

cg1/FPROV

HAZARDOUS MATERIALS UNDERGROUND [illegible]GE PERMIT
PART A - GENERAL CONDITIONS AND [illegible]ITATIONS

TERM OF PERMIT

1. The combined provisional and full term operational permits shall be valid for a maximum period of five (5) years, from the effective date. However, if the Department of Public Works (DPW) finds that the life expectancy of a facility is less than five (5) years, the DPW may adjust the term of the permit to reflect such a condition.

FEES

2. All fees shall be due and payable on the billing date established by the DPW. Fees not paid within 30 calendar days from the billing date shall be considered delinquent. Delinquent fees shall be subject to a 10 percent penalty fee for each 30 day period beyond the billing date that the fee is due. Permits for which the annual permit fee installment is delinquent for 90 days or more are subject to suspension.

REPORTS AND RECORDS

3. At least annually and due by the anniversary of the effective date of this permit, a written report must be submitted to the Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460 detailing (but not limited to) the following:

   a. Any changes in the type of hazardous materials stored within the facility.

   b. Any changes in the uses of the underground facility.

   c. Changes or modifications to monitoring procedure.

   d. A detailed account of any unauthorized discharges, and the remedial measures employed.

   e. Any modifications to the facility except for routine require maintenance.

   In the event there has been no change of operation nor unauthorized release, a negative declaration to that effect may be submitted.

   The report or negative declaration shall be certified by the permittee or an authorized representative who is responsible for operations at the facility.

   This report is required by local agencies to satisfy Section 25286(c) of the State of California Health and Safety Code. A report form will be made available to owners and operators to comply with this requirement. The report shall be delinquent 30 days after its due date and as such may result in suspension or revocation of the permit.

4. Every permittee shall provide testing, monitoring (if applicable), and inspections in compliance with this permit and shall maintain records adequate to demonstrate compliance therewith.

5. All required records shall be maintained by the permittee and made available for inspection for a period of time not less than three (3) years from the date of the required annual report for the year during which the testing, monitoring, or inspection was performed. Said records shall be made available to the DPW, County Health Officer, or Forester and Fire Warden during normal working hours and at any time upon reasonable notice.

RENEWALS AND EXTENSIONS

6. If this is a provisional permit, it may be extended to a maximum of one (1) additional year upon written application stating the reasons for such a request and upon approval by the Director of Public Works.

7. Every application for the renewal of a operational permit or extension of a provisional permit shall be made at least 30 days prior to the expiration date of such permit. If a timely application for renewal has been submitted, the permit shall remain in effect until the DPW has made a decision and any administrative appeal has been exhausted.

APPEALS

8. Any person dissatisfied with the decision of the DPW may appeal the decision, in writing, to the Appeals Board, setting forth with particularity the ground or grounds for the appeal. Such appeal shall be submitted within 30 days after notice of the decision has been given.

ADDITIONAL APPROVALS AND REPAIRS

9. Additional approvals shall be required for any of the following actions:

   a. Tank repair.
   b. Modifications.
   c. Change or addition of hazardous materials stored.
   d. Change of approved monitoring system.

10. Procedures for an application for a permit shall also apply to an application for an additional approval. Each application for an additional approval shall be accompanied by the appropriate fee and supporting information.

11. Any substantial modification or repair of a facility other than minor repairs or emergency repairs shall be in accordance with plans to be submitted to the DPW as an additional approval.

12. Permittee shall carry out routine maintenance, ordinary upkeep and minor repairs in a careful and safe manner. No permit will be required for such maintenance, upkeep and repairs.

13. Permittee may make emergency repairs to a facility in advance of seeking an additional approval whenever an immediate repair is required to prevent or contain an unauthorized discharge or to protect the integrity of the containment. However, within five (5) working days after such emergency repairs have been started, permittee shall seek additional approval by submitting drawings or other information adequate to describe the repairs to the DPW.

CLOSURES, DECONTAMINATION AND NEW CONSTRUCTION

14. Replacement of tanks at an existing facility shall be considered a closure of the tanks to be replaced and a new installation of tanks, and all fees shall be assessed accordingly.

15. No tank shall be abandoned. Tanks which are temporarily out of service, and are intended to be returned to use, must continue to be monitored and inspected must be closed or removed in a manner approved by the DPW.

16. Prior to any permanent or temporary closures being initiated, an Application for Closure form, the appropriate fee and required supporting information shall be filed with the DPW.

17. Plans for the decontamination of a facility shall be submitted to the DPW for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies include the California Regional Water Quality Control Board, the Los Angeles County Department of Health Services and the South Coast Air Quality Management District.

18. The installation of a new tank shall require submittal to the DPW of an application for new construction, the appropriate new construction plan clearance fee and supporting information as required by the DPW.

TRANSFERS

19. A Hazardous Materials Underground Storage Permit may be transferred to a new owner of the same facility provided:

   a. The new owner accepts full responsibility for all obligations under this permit at the time of the transfer of the facility.

   b. The transfer shall be documented on a form provided by the DPW within 30 days of transfer of ownership.

   c. The appropriate fee is paid.

UNAUTHORIZED DISCHARGES

20. As soon as any person in charge of a facility or responsible for emergency response for a facility has knowledge of any confirmed or unconfirmed unauthorized discharge of a hazardous material, such person shall take all necessary steps to ensure the discovery, containment, and cleanup of such discharge and shall notify the DPW of the occurrence as required.

21. Any owner or operator who has knowledge of a confirmed unauthorized discharge shall immediately notify the DPW.

22. Within the jurisdiction of the Los Angeles County Fire Department, an unauthorized discharge shall also be reported to the Los Angeles County Forester and Fire Warden, Fire Prevention and Conservation Bureau.

23. The permittee shall institute and complete all actions necessary to remedy the effects of any unauthorized discharge, whether sudden, or gradual, and supply information on such actions to the DPW.

24. The continued use of, and permit approval for, existing facilities is subject to review and modification or termination by the DPW whenever there has been any unauthorized discharge. In determining whether continued underground storage in such facility is suitable, the DPW shall consider the age of the facility, the methods of containment, the methods of monitoring, the feasibility of the required retrofit, the concentration of the hazardous materials contained, the severity of potential unauthorized discharge and the suitability of other long term preventive measures.

EVALUATION AND INSPECTION

25. Whenever the approval or satisfaction of the DPW may be required for a design, monitoring, testing, or other technical submittal by a permittee, the DPW may require such permittee, at the permittee's sole cost and expense, to retain a suitable qualified independent engineer, chemist, or other appropriate professional consultant acceptable tot he DPW, for the purpose of evaluating and rendering a professional opinion respecting the adequacy of such submittal.

26. The DPW may conduct inspections for the purpose of ascertaining compliance by the permittee and effecting correction of any conditions which would constitute any violation of any statue, code, rule, or regulation affecting the underground storage of hazardous materials.

27. Whenever necessary for the purpose of investigation or enforcement, or whenever a representative of the DPW, County Health Officer, or Forester and Fire Warden has reasonable cause to believe that there exists in any structure or upon any premises any condition which constitutes a violation, said representative may enter such structure, or premises at all reasonable times to inspect the same, or to perform any duty imposed by law.

28. The permittee shall conduct regular inspections of the facility to assure compliance with this permit and shall maintain logs or file reports in accordance with this permit.

29. The DPW may require the periodic employment of special inspectors to conduct any audit or assessment of permittee's facility to make a hazardous materials safety evaluation and to determine compliance.

30. Permittee shall, within 30 days of said evaluation, file with the DPW a plan to implement all recommendations, or shall demonstrate to the satisfaction of the DPW why such recommendations shall not be implemented.

31. The DPW may require that any regular or special inspection by the permittee be made in the presence of a representative of the DPW. The DPW may further require advance notice of not less than 72 hours as to the availability of equipment, material, and personnel required to conduct such inspections.

SUSPENSIONS AND REVOCATIONS

32. This permit is subject to suspension or revocation if conditions exist which would justify denial of a permit or if permittee fails to correct unsatisfactory conditions.

33. Failure to adhere to all applicable conditions and limitations of this permit shall constitute a willful violation of Title 11, Division 4 of the Los Angeles County Code and may result in civil or criminal penalties, revocation of this permit, or both.

PART B — TANK DATA
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT NO. 6298

AUTHORIZED HAZARDOUS MATERIAL STORAGE TANKS

TANK NUMBER	CAPACITY (GALLONS)	CONTENTS
1	12,000	REGULAR UNLEADED (Double Wall)
2	12,000	DIESEL (Double Wall)
3	12,000	DIESEL (Double Wall)

PART D -- SPECIAL CONDITIONS AND LIMITATIONS
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT NO. 6298

1. Permittee shall provide certification by an authorized independent technician that the monitoring system is installed and operational before the expiration of this Provisional Permit. The technician shall be certified by the manufacturer of the monitoring system to install, calibrate, service and inspect the monitoring system.

2. Monitoring system installation shall comply with all local fire, building, mechanical and electrical code and permit requirements.

RVI

PERMIT #: 6298

EXP. DATE: 6 mos MAY 1 8 1993

I-#/R.C. CODE: 16787-35

NO. OF PERMITTED TANKS: 3

2a. PERMIT FEE DUE BY: To be billed

2b. TANK/INTEGRITY TEST RESULTS DUE BY: N/A

2c. PROPOSALS FOR LDP & TMP DUE BY: N/A

PERMIT EFFECTIVE DATE: 3/25/92

D. SPECIAL CONDITIONS AND LIMITATIONS ATTACHED: Y [X] N [ ]

TODAY'S DATE: 11/19/92

PART B PERMIT NO. 6298

TANK #	CAPACITY (GALLONS)	CONTENTS
1	12000 (Double walled) ~~Diesel~~	Regular unleaded
2	12000 (Double walled)	Diesel
3	12000 (Double walled)	Diesel

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☒ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☐ 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME	NAME OF OPERATOR	
HUGHES MARKETS		
ADDRESS: 14005 LIVE OAK AVE	NEAREST CROSS STREET: ARROW HWY	PARCEL # (OPTIONAL)
CITY NAME: IRWINDALE	STATE: CA / ZIP CODE: 91706	SITE PHONE # WITH AREA CODE

✓ BOX TO INDICATE: ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY DISTRICTS ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY

TYPE OF BUSINESS	✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
☐ 1 GAS STATION ☒ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☐ 5 OTHER	☐	3	

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): CANNON BOB	PHONE # WITH AREA CODE: (805) 499-0428	DAYS: NAME (LAST, FIRST): JARVIS DON	(818) 338-2580 PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST): CANNON BOB	PHONE # WITH AREA CODE: (805) 499-3835	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION		
HUGHES MARKET			
MAILING OR STREET ADDRESS: 2716 SAN FERNANDO RD	✓ box to indicate: ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME: LOS ANGELES	STATE: CA	ZIP CODE: 90065	PHONE # WITH AREA CODE: (213) [redacted] 227-8211

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS: SAME AS ABOVE	✓ box to indicate: ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME	STATE	ZIP CODE	PHONE # WITH AREA CODE

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ 44-017952

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: ☒ 1 SELF-INSURED ☐ 2 GUARANTEE ☐ 3 INSURANCE ☐ 4 SURETY BOND ☐ 5 LETTER OF CREDIT ☐ 6 EXEMPTION ☐ 99 OTHER

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. ☐ II. ☒ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	APPLICANT'S TITLE	DATE MONTH/DAY/YEAR
BRYAN CANNON Bryan Cannon	Projects	10/22/92

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
19	009	16787

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - DISTRICT CODE - *OPTIONAL*
35		

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

INSTRUCTIONS FOR COMPLETING FORM "A"

GENERAL INSTRUCTIONS:

1. One FORM "A" shall be completed for all **NEW PERMITS**, PERMIT **CHANGES** or any FACILITY/SITE INFORMATION CHANGES.
2. **SUBMIT ONLY ONE (1) FORM "A"** for a Facility/Site, regardless of the number of tanks located at the site.
3. This form should be completed by either the PERMIT **APPLICANT** or the **LOCAL AGENCY** UNDERGROUND **TANK INSPECTOR.**
4. Please type or print clearly all requested information.
5. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

Mark an (X) in the box next to the item that best describes the reason the form is being completed.

I. FACILITY/SITE INFORMATION & ADDRESS (MUST BE COMPLETED)

1. Record name and address (physical location) of the underground tank(s).
   NOTE: Address MUST have a valid physical location including city, state, and zip code.
   P.O. BOX NUMBERS ARE NOT ACCEPTABLE.
   Include nearest cross street and name of the operator.
2. Phone number must have an area code. If the night number is the same, write "SAME" in proper location.
3. Check the appropriate box for TYPE OF BUSINESS OWNERSHIP (ex. CORPORATION, INDIVIDUAL, etc.).
4. Check the appropriate box for TYPE OF BUSINESS.
5. If Facility/Site is located within an Indian reservation or other Indian trust lands, check the box marked "YES".
6. Indicate the NUMBER of TANKS at this SITE.
7. Record the E.P.A. ID # or write "NONE" in the space provided.

II. PROPERTY OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION 1; if the same, write **"SAME AS SITE"** across this section. Be sure to check PROPERTY OWNERSHIP TYPE box.

III. TANK OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION 1; If the same, write **"SAME AS SITE"** across this section. Be sure to check **TANK OWNERSHIP TYPE** box.

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER (MUST BE COMPLETED)

Enter your Board of Equalization (BOE) UST storage fee account number which is required before your permit application can be processed. Registration with the BOE will ensure that you will receive a quarterly storage fee return for reporting the $0.006 (6 mills) per gallon fee due on the number of gallons placed in your USTs. The BOE will code persons exempt from paying the storage fee so returns will not be sent. If you do not have an account number with the BOE or if you have any questions regarding the fee or exemptions, please call the BOE at 916-323-9555 or write to the BOE at the following address: Board of Equalization, Environmental Fees Unit, P.O. Box 942879, Sacramento, CA 94279-0001.

V. PETROLEUM UST FINANCIAL RESPONSIBILITY (MUST BE COMPLETED)

Identify the method(s) used by the owner and/or operator in meeting the Federal and State financial responsibility requirements. USTs owned by any Federal or State agency are exempt from this requirement.

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Check ONE BOX for the address that will be used for **BOTH LEGAL AND BILLING NOTIFICATIONS.**

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number may be assigned by the local agency; however, this number must be numerical and cannot contain any alphabetical. If the local agency prefers the State Board to assign the facility number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THIS APPLICATION CANNOT BE PROCESSED IF THE BOE ACCOUNT NUMBER IS NOT FILLED IN. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.R.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☒ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☐ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: HUGHES MARKETS 14006 LIVE OAK AVE

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.#: 1	B. MANUFACTURED BY: JOOR
C. DATE INSTALLED (MO/DAY/YEAR): N/A	D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☒ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED: C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☒ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☒ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☒ 5 GLASS LINING ☐ 6 UNLINED ☐ 95 UNKNOWN ☐ 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☒ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) N/A OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) N/A

IV. PIPING INFORMATION

CIRCLE **A** IF ABOVE GROUND OR **U** IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: ☒ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☒ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☒ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 TANK TESTING ☒ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL ?
N/A	N/A GALLONS	YES ☒ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
Bryan Cannon BRYAN CANNON	10/22/92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	16787	1

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
43153	RVI 11/5/92	

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-RS

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
2. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB07789).
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.R.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☒ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☐ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: HUGHES MARKETS 1400 S LIVE OAK AVE

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 2	B. MANUFACTURED BY: FOUR
C. DATE INSTALLED (MO/DAY/YEAR) n/a	D. TANK CAPACITY IN GALLONS: 12,000 GAL

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☒ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☒ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☒ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☒ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☒ 5 GLASS LINING ☐ 6 UNLINED ☐ 95 UNKNOWN ☐ 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☒ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL — SPILL CONTAINMENT INSTALLED (YEAR) n/a — OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) n/a

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION — A (U) 2 PRESSURE — A U 3 GRAVITY — A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL — A (U) 2 DOUBLE WALL — A U 3 LINED TRENCH — A U 95 UNKNOWN — A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL — A U 2 STAINLESS STEEL — A U 3 POLYVINYL CHLORIDE (PVC) — A (U) 4 FIBERGLASS PIPE — A U 5 ALUMINUM — A U 6 CONCRETE — A U 7 STEEL W/ COATING — A U 8 100% METHANOL COMPATIBLE W/FRP — A U 9 GALVANIZED STEEL — A U 10 CATHODIC PROTECTION — A U 95 UNKNOWN — A U 99 OTHER

D. LEAK DETECTION: ☒ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☒ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 TANK TESTING ☒ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL ?
n/a	n/a GALLONS	YES ☒ n/a NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
BRYAN CANNON	10/22/92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	16787	2

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
43153	RVI 11/5/92	

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-RS

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
2. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB0089).
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.# (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
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STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☒ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☐ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: HUGHES MARKET 14005 LIVE OAK AVE

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 3	B. MANUFACTURED BY: JOOR
C. DATE INSTALLED (MO/DAY/YEAR) N/A	D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☒ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☒ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☒ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☒ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☒ 5 GLASS LINING ☐ 6 UNLINED ☐ 95 UNKNOWN ☐ 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☒ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL — SPILL CONTAINMENT INSTALLED (YEAR) N/A — OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) N/A

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION; A (U) 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL; A (U) 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A (U) 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: ☒ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☒ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☒ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 TANK TESTING ☒ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL ?
N/A	N/A GALLONS	YES ☒ N/A NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
BRYAN CANNON Bryan Cannon	10/22/92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	16787	3

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
43153	RVI 11/5/92	

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034 B-RS

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
2. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB7078).
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.# (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.R.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

RVI/OTHR

Received 11/5/92

6194 7

DATE: NOVEMBER 2, 1992

TO: LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
ATTN: RONNIE MSRANI

UNDERGROUND STORAGE TANKS FOR HUGHES MARKETS, INC., IRWINDALE FACILITY, HAVE NOT YET BEEN INSTALLED PER PLAN NUMBER ~~43168~~ 3481A

BJC 11/5/92.

DON JARVIS
FLEET MAINTENANCE MANAGER
HUGHES MARKETS, INC.
14005 LIVE OAK AVE.
IRWINDALE, CA 91706
818/856-6239

K.E. CURTIS CONSTRUCTION COMPANY, INC.

May 12, 1992

State of California
Department of Consumer Affairs
P.O. Box 26999
Sacramento, Ca. 95826

Re: Additional authorization to sign permits for contractor A-293700

Mr. Bryan Cannon , of K.E. Curtis Construction Company, Inc. is authorized to sign and pull permits and business licenses for K.E. Curtis Construction Company, Inc.

Contractors State License 293700

By: _____
Gary D. Snyder, Vice-President

State of California

County of Ventura

On this the 12th day of May 1992, before me, Shirley Ann Gayer, the undersigned Notary Public, personally appeared Gary D. Snyder, proved to me on the basis of satisfactory evidence to be the person who executed this instrument as Vice-President or on behalf of the corporation therein named, and acknowledged to me that the corporation executed it.

SHIRLEY ANN GAYER
COMM. #991945
Notary Public-California
VENTURA COUNTY
My comm. expires MAR 31, 1995

WITNESS my hand and official seal.

_____
Notary's Signature

1400 OLD CONEJO ROAD • P.O. BOX 4977 • THOUSAND OAKS, CALIFORNIA 91359 • (805) 499-0428

File # 16787
DPAY 157.00
E 235439



K. E. CURTIS CONSTRUCTION CO., INC.
BUSINESS ACCOUNT
P.O. BOX 4977 PH. 805-499-0428
THOUSAND OAKS, CA 91359

File # 16787
APP # 43153, RCPT # 614

1198

10-26 19 92

90-3803/1222

PAY TO THE ORDER OF COUNTY OF L.A. DEPT. OF PUBLIC WORKS $ 157.00

ONE HUNDRED FIFTY SEVEN & 00/100 DOLLARS

FIRST STATE BANK OF THE OAKS
230 North Moorpark Road
Thousand Oaks, California 91360

MEMO

⑆122238035⑆1198⑈301⑈243529⑈





UPDATE FORM (UF)

FILE No.- 16787 HMUSP No.- 6298 AREA 3S

REVIEW DATE: 7/22/92

REVIEWED BY: KAP

HMS INPUT BY: 8/11/92

DOCUMENT DATE (APP REC'D)	DOCUMENT/ APPLICATION LISTING USTs & UST DATA	COLUMN (1) USTs PERMITTED	COLUMN (2) UST ADDITIONS	COLUMN (3) USTs CLOSED	NET USTs (A)
3/23/92	6298	3			
TOTALS				(A)=	3

>>>>>>>>>>> ACTIVE USTs DETERMINED FROM HMS (ACT TANK CT): (B) = 0

BH:UPDATE1

UST DATA/ADJUSTMENTS

UST NO.	UST SIZE	UST CONTENTS	UST CONSTRUCTION	KEY/ APP TYPE
001	12000	U/L	Double wall	KEY
002	12000	Diesel	Double wall	KEY
003	12000	Diesel	Double wall	KEY
004				
005				
006				
007				
008				
009				
010				
011				
012				
013				
014				
015				
016				
017				
018				
019				
020				
021				
022				

COMMENTS:

PERMIT APPLICATION SUPPLEMENT/NOTICE TO FILE
HAZARDOUS MATERIALS UNDERGROU TORAGE PERMIT
Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803-1331

Create new file

THIS FORM MUST ACCOMPANY ALL TANK PERMIT
APPLICATIONS TO OPERATE UNDERGROUND STORAGE TANKS
See instructions on back of this form

DUE DATE: _____

DPW USE ONLY
FILE # 16787
PERMIT # 6298
R/C CODE 3S
SIC CODE _____
STATE ID # _____
TGP 39 TGC 02

IF THERE ARE NO UNDERGROUND TANKS AT THIS FACILITY, GO TO PARTS F & G.

(A)
Hughes Market Inc.
FACILITY NAME
14005 Live Oak Ave
MAILING ADDRESS
Irwindale, Ca 91706
CITY STATE ZIP
Same
FACILITY LOCATION

(B) APPLICATION IS HEREBY MADE FOR A HAZARDOUS MATERIAL UNDERGROUND STORAGE PERMIT (***HMUSP***) TO OPERATE AND MAINTAIN UNDERGROUND STORAGE TANKS WITHIN LOS ANGELES COUNTY JURISDICTION.
NEW PERMIT ☒ **EXISTING PERMIT RENEWAL** ☐

EXISTING PERMIT NUMBER None
NUMBER OF TANKS AT FACILITY 6

(C) ASSESSOR PARCEL IDENTIFICATION (OBTAIN FROM PROPERTY TAX BILL):

MAP BOOK NUMBER 22505 PAGE NUMBER 69-73 PARCEL NUMBER 14

(D) THIS SUPPLEMENT MUST BE ACCOMPANIED BY:

[1] ONE COPY OF STATE FORM **"A"**, FACILITY/SITE INFORMATION, FOR EACH SITE.
[2] ONE COPY OF STATE FORM **"B"**, TANK PERMIT APPLICATION INFORMATION, FOR EACH TANK.
[3] LEAK DETECTION PROGRAM (***LDP***) AND TANK MONITORING PROGRAM (***TMP***) PROPOSALS.
[4] HMUSP APPLICATION FEE (COMPLETE PART E)

(E) HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT (HMUSP) FEE SCHEDULE:

THE HMUSP APPLICATION FEE SHALL BE THE FIRST ANNUAL PERMIT MAINTENANCE FEE.
CIRCLE AMOUNT REMITTED

NUMBER OF TANKS:	HMUSP (APPLICATION FEE)		ANNUAL PERMIT MAINTENANCE FEE		STATE SURCHARGE		TOTAL FEES DUE
1	$171	+	$119	+	$ 56	=	$346
2	$201	+	$139	+	$112	=	$452
(3)	$231	+	$159	+	$168	=	$558
4	$261	+	$179	+	$224	=	$664
5	$291	+	$199	+	$280	=	$770
6 or more tanks	$141 + $30 per tank	+	$99 + $20 per tank	+	$56 per tank	=	#558.00

MAKE CHECKS PAYABLE TO: ***"L. A. COUNTY DEPARTMENT OF PUBLIC WORKS"***

(F) FACILITIES CLAIMING AN EXEMPTION TO REGULATION MUST COMPLETE THIS SECTION:

☐ THERE ARE NO UNDERGROUND STORAGE TANKS WITHIN THIS FACILITY.
☐ FINAL INTERCEPTOR(S) REGULATED UNDER INDUSTRIAL WASTE PERMIT No. _____.
☐ UNDERGROUND CONTAINERS WITHIN THIS FACILITY ARE USED ONLY FOR EMERGENCY SPILL CONTAINMENT FOR ABOVE GROUND STORAGE TANKS.
☐ OTHER (ATTACH A WRITTEN STATEMENT)

(G) ALL PERSONS FILING THIS FORM MUST COMPLETE THIS SECTION:

SIGNATURE _____ TITLE Fleet Maint. Mgr.
PRINTED NAME Donald R. Jarvis DATE 3-23-92

INSTRUCTIONS:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT (***HMUSP***)
APPLICATION SUPPLEMENT

DO NOT USE THIS FORM FOR CLOSURE OR TRANSFER OF AN EXISTING *HMUSP*, A NEW CONSTRUCTION PLAN CHECK, OR AN ADDITIONAL APPROVAL.

(A) Facility name, mailing address and facility address on new permit applications must correspond with information on Part I of the State Form **"A"**, Facility/Site Information. Please correct mailing label information if affixed.

(B) This application supplement is to be used for application to operate and maintain existing tanks located within the jurisdiction of the Department of Public Works. Facilities located within the corporate limits of the cities of Burbank, Glendale, Long Beach, Los Angeles, Pasadena, San Fernando, Santa Monica, Torrance and Vernon should contact the respective local agencies directly for permit information. Permit renewal is authorized only if no ownership change has occurred. Specify the number of tanks at the facility.

(C) Assessor parcel identification is required for new permit applications only.

(D) The applicant is responsible for completing ***all*** information requested on State Forms **"A"** and **"B"**. The Department of Public Works Underground Tank Inspector will not fill out these forms for you. This application is due by the date indicated. If you are unable to submit your ***LDP/TMP*** by the due date, a Provisional ***HMUSP*** will be issued granting up to 90 days to complete your submittal. Evidence of safe storage must be submitted with this application to qualify for a provisional ***HMUSP***.

(E) The total fees to accompany this application represent the ***HMUSP*** application fee, the first annual ***HMUSP*** maintenance fee plus the State surcharge. Future annual ***HMUSP maintenance fees*** will be payable upon billing by the Department of Public Works.

(F) Persons that have been notified to file for a ***HMUSP*** and do not store any hazardous materials underground should check the appropriate box and return this form to avoid any unnecessary follow-up mailings.

The storage of hazardous waste in an underground tank where the specific tank is named in hazardous waste facility permit issued by the California Department of Health Services is not subject to the ***HMUSP*** requirements. Owners of such facilities must furnish a copy of the State permit for facilities where this exclusion is requested.

<u>Final</u> interceptors in industrial waste pretreatment systems, catch basins, refinery pipelines, lagoons, storm drains, oil field gathering lines, well cellars, above ground storage tank spill containment, unlined pits or sumps, and piping not directly associated with a permitted facility are not subject to a ***HMUSP***. *Claims for exemption are subject to verification.*

(G) This ***HMUSP*** application supplement and each State **"A"** or **"B"** must be signed by:

1) A principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located.
2) A general partner proprietor.
3) A principal executive officer, ranking elected official or authorized representative of a public agency.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: [X] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY SITE CLOSURE [ ] 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: Hughes Markets INC.		NAME OF OPERATOR: Don Jarvis	
ADDRESS: 14005 Live Oak Ave		NEAREST CROSS STREET	PARCEL # (OPTIONAL)
CITY NAME: Irwindale	STATE: CA	ZIP CODE: 91706	SITE PHONE # WITH AREA CODE: 213 227-8211

✓ BOX TO INDICATE: [X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL-AGENCY DISTRICTS [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY

TYPE OF BUSINESS: [ ] 1 GAS STATION [✓] 2 DISTRIBUTOR [ ] 3 FARM [ ] 4 PROCESSOR [ ] 5 OTHER	[ ] ✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE: 0 - Now 3 - LATER	E.P.A. I.D. # (optional): CAD 007965536

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): Jarvis Don	PHONE # WITH AREA CODE: 818-338-2580	DAYS: NAME (LAST, FIRST): Same	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: Hughes Markets INC.		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS: 14005 Live Oak Ave		✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL-AGENCY [ ] STATE-AGENCY [ ] CORPORATION [ ] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY	
CITY NAME: Irwindale	STATE: Ca	ZIP CODE: 91706	PHONE # WITH AREA CODE: 213-227-8211

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: Hughes Markets INC.		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS: 14005 Live Oak Ave		✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL-AGENCY [ ] STATE-AGENCY [✓] CORPORATION [ ] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY	
CITY NAME: Irwindale	STATE: Ca	ZIP CODE: 91706	PHONE # WITH AREA CODE: 213-227-8211

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

✓ TY (TK) HQ 44-017952

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: [✓] 1 SELF-INSURED [ ] 2 GUARANTEE [ ] 3 INSURANCE [ ] 4 SURETY BOND [ ] 5 LETTER OF CREDIT [ ] 6 EXEMPTION [ ] 99 OTHER

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. [ ] II. [✓] III. [✓]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	APPLICANT'S TITLE	DATE: MONTH/DAY/YEAR
✓ Donald R. Jarvis	✓ Fleet Maint Mgr	✓ 3-23-92

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
19	000	016787

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - DISTRICT CODE - *OPTIONAL*
35		

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

INSTRUCTIONS FOR COMPLETING FORM "A"

GENERAL INSTRUCTIONS

1. FORM "A" shall be completed for all **NEW PERMITS**, **PERMIT CHANGES** or any FACILITY/SITE INFORMATION CHANGES.
2. **SUBMIT ONLY ONE (1) FORM "A"** for a Facility/Site, regardless of the number of tanks located at the site.
3. This form should be completed by either the **PERMIT APPLICANT** or the **LOCAL AGENCY UNDERGROUND TANK INSPECTOR.**
4. Please type or print clearly all requested information.
5. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

Mark an (X) in the box next to the item that best describes the reason the form is being completed.

I. FACILITY/SITE INFORMATION & ADDRESS (MUST BE COMPLETED)

1. Record name and address (physical location) of the underground tank(s).
   NOTE: Address MUST have a valid physical location including city, state, and zip code.
   P.O. BOX NUMBERS ARE NOT ACCEPTABLE.
   Include nearest cross street and name of the operator.
2. Phone number must have an area code. If the night number is the same, write "SAME" in proper location.
3. Check the appropriate box for TYPE OF BUSINESS OWNERSHIP (ex. CORPORATION, INDIVIDUAL, etc.)
4. Check the appropriate box for TYPE OF BUSINESS.
5. If Facility/Site is located within an Indian reservation or other Indian trust lands, check the box marked "YES".
6. Indicate the NUMBER of TANKS at this SITE.
7. Record the E.P.A. ID # or write "NONE" in the space provided.

II. PROPERTY OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION I; if the same, write "SAME AS SITE" across this section. Be sure to check PROPERTY OWNERSHIP TYPE box.

III. TANK OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION I; if the same, write "SAME AS SITE" across this section. Be sure to check **TANK OWNERSHIP TYPE** box.

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER (MUST BE COMPLETED)

Enter your Board of Equalization (BOE) UST storage fee account number which is required before your permit application can be processed. Registration with the BOE will ensure that you will receive a quarterly storage fee return in reporting the $0.006 (6 mills) per gallon fee due on the number of gallons placed in your USTs. The BOE will code persons exempt from paying the storage fee so returns will not be sent. If you do not have an account number with the BOE or if you have any questions regarding the fee or exemptions, please call the BOE at 916-323-9555 or write to the BOE at the following address: Board of Equalization, Environmental Fees Unit, P.O. Box 942879, Sacramento, CA 94279-0001.

V. PETROLEUM UST FINANCIAL RESPONSIBILITY (MUST BE COMPLETED)

Identify the method(s) used by the owner and/or operator in meeting the Federal and State financial responsibility requirements. USTs owned by any Federal or State agency are exempt from this requirement.

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Check **ONE BOX** for the address that will be used for **BOTH LEGAL AND BILLING NOTIFICATIONS.**

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number may be assigned by the local agency; however, this number must be numerical and cannot contain any alphabetical. If the local agency prefers the State Board to assign the facility number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THIS APPLICATION CANNOT BE PROCESSED IF THE BOE ACCOUNT NUMBER IS NOT FILLED IN. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.R.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: [X] 1 NEW PERMIT; [ ] 2 INTERIM PERMIT; [ ] 3 RENEWAL PERMIT; [ ] 4 AMENDED PERMIT; [ ] 5 CHANGE OF INFORMATION; [ ] 6 TEMPORARY TANK CLOSURE; [ ] 7 PERMANENTLY CLOSED ON SITE; [ ] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Hughes Market 14005 Live Oak Ave Irwindale

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #	B. MANUFACTURED BY: Truseo
C. DATE INSTALLED (MO/DAY/YEAR) 4/92	D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [ ] 1 MOTOR VEHICLE FUEL; [ ] 2 PETROLEUM; [ ] 3 CHEMICAL PRODUCT; [ ] 4 OIL; [ ] 80 EMPTY; [ ] 95 UNKNOWN

B. [ ] 1 PRODUCT; [ ] 2 WASTE

C. [X] 1a REGULAR UNLEADED; [ ] 1b PREMIUM UNLEADED; [ ] 2 LEADED; [ ] 3 DIESEL; [ ] 4 GASAHOL; [ ] 5 JET FUEL; [ ] 6 AVIATION GAS; [ ] 7 METHANOL; [ ] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D

A. TYPE OF SYSTEM: [X] 1 DOUBLE WALL; [ ] 2 SINGLE WALL; [ ] 3 SINGLE WALL WITH EXTERIOR LINER; [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK); [ ] 95 UNKNOWN; [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [ ] 1 BARE STEEL; [ ] 2 STAINLESS STEEL; [X] 3 FIBERGLASS; [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC; [ ] 5 CONCRETE; [ ] 6 POLYVINYL CHLORIDE; [ ] 7 ALUMINUM; [ ] 8 100% METHANOL COMPATIBLE W/FRP; [ ] 9 BRONZE; [ ] 10 GALVANIZED STEEL; [ ] 95 UNKNOWN; [ ] 99 OTHER

C. INTERIOR LINING: [ ] 1 RUBBER LINED; [ ] 2 ALKYD LINING; [ ] 3 EPOXY LINING; [ ] 4 PHENOLIC LINING; [ ] 5 GLASS LINING; [X] 6 UNLINED; [ ] 95 UNKNOWN; [ ] 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP; [ ] 2 COATING; [ ] 3 VINYL WRAP; [X] 4 FIBERGLASS REINFORCED PLASTIC; [ ] 5 CATHODIC PROTECTION; [ ] 91 NONE; [ ] 95 UNKNOWN; [ ] 99 OTHER

IV. PIPING INFORMATION

CIRCLE **A** IF ABOVE GROUND OR **U** IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION; A (U) 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A (U) 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: [X] 1 AUTOMATIC LINE LEAK DETECTOR; [X] 2 LINE TIGHTNESS TESTING; [ ] 3 INTERSTITIAL MONITORING; [ ] 99 OTHER

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK; [ ] 2 INVENTORY RECONCILIATION; [ ] 3 VAPOR MONITORING; [ ] 4 AUTOMATIC TANK GAUGING; [ ] 5 GROUND WATER MONITORING; [ ] 6 TANK TESTING; [X] 7 INTERSTITIAL MONITORING; [ ] 91 NONE; [ ] 95 UNKNOWN; [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING ___ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES [ ] NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
DONALD R. JARVIS	3-23-92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	16787	1

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
3481 A	E.D. 4/22/92	

FORM B (9-90) **THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.**

FOR0034B-R4

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
2. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB00789).
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS:

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.E.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: [X] 1 NEW PERMIT; [ ] 2 INTERIM PERMIT; [ ] 3 RENEWAL PERMIT; [ ] 4 AMENDED PERMIT; [ ] 5 CHANGE OF INFORMATION; [ ] 6 TEMPORARY TANK CLOSURE; [ ] 7 PERMANENTLY CLOSED ON SITE; [ ] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Hughes Market 14005 Live Oak Ave, Irwindale Ca

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #	B. MANUFACTURED BY: Fiusco
C. DATE INSTALLED (MO/DAY/YEAR) 4/92	D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [ ] 1 MOTOR VEHICLE FUEL; [ ] 2 PETROLEUM; [ ] 3 CHEMICAL PRODUCT; [ ] 4 OIL; [ ] 80 EMPTY; [ ] 95 UNKNOWN

B. [ ] 1 PRODUCT; [ ] 2 WASTE

C. [ ] 1a REGULAR UNLEADED; [ ] 1b PREMIUM UNLEADED; [ ] 2 LEADED; [X] 3 DIESEL; [ ] 4 GASAHOL; [ ] 5 JET FUEL; [ ] 6 AVIATION GAS; [ ] 7 METHANOL; [ ] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D

A. TYPE OF SYSTEM: [X] 1 DOUBLE WALL; [ ] 2 SINGLE WALL; [ ] 3 SINGLE WALL WITH EXTERIOR LINER; [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK); [ ] 95 UNKNOWN; [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [ ] 1 BARE STEEL; [ ] 2 STAINLESS STEEL; [X] 3 FIBERGLASS; [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC; [ ] 5 CONCRETE; [ ] 6 POLYVINYL CHLORIDE; [ ] 7 ALUMINUM; [ ] 8 100% METHANOL COMPATIBLE W/FRP; [ ] 9 BRONZE; [ ] 10 GALVANIZED STEEL; [ ] 95 UNKNOWN; [ ] 99 OTHER

C. INTERIOR LINING: [ ] 1 RUBBER LINED; [ ] 2 ALKYD LINING; [ ] 3 EPOXY LINING; [ ] 4 PHENOLIC LINING; [ ] 5 GLASS LINING; [X] 6 UNLINED; [ ] 95 UNKNOWN; [ ] 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP; [ ] 2 COATING; [ ] 3 VINYL WRAP; [X] 4 FIBERGLASS REINFORCED PLASTIC; [ ] 5 CATHODIC PROTECTION; [ ] 91 NONE; [ ] 95 UNKNOWN; [ ] 99 OTHER

IV. PIPING INFORMATION

CIRCLE **A** IF ABOVE GROUND OR **U** IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A (U) 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER			
B. CONSTRUCTION	A (U) 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN	A U 99 OTHER		
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A (U) 4 FIBERGLASS PIPE			
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP			
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER			
D. LEAK DETECTION	[X] 1 AUTOMATIC LINE LEAK DETECTOR	[X] 2 LINE TIGHTNESS TESTING	[ ] 3 INTERSTITIAL MONITORING	[ ] 99 OTHER			

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK; [ ] 2 INVENTORY RECONCILIATION; [ ] 3 VAPOR MONITORING; [ ] 4 AUTOMATIC TANK GAUGING; [ ] 5 GROUND WATER MONITORING; [ ] 6 TANK TESTING; [X] 7 INTERSTITIAL MONITORING; [ ] 91 NONE; [ ] 95 UNKNOWN; [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING ___ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES [ ] NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
DONALD R. JARVIS	3-23-92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	16787	2

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
3481A	E.D. 4/22/92	

FORM B (9-90) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FORD034B-R4

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all **NEW PERMITS, PERMIT CHANGES, REMOVALS** and/or any other **TANK INFORMATION CHANGE**.
2. This form should be completed by either the **PERMIT APPLICANT** or the **LOCAL AGENCY UNDERGROUND TANK INSPECTOR**.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB70789).
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check "Yes" or "NO".

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

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STATE OF CALIFORNIA
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PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: [✓] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY TANK CLOSURE [ ] 7 PERMANENTLY CLOSED ON SITE [ ] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Hughes Market 14005 Live Oak Ave, Irwindale

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #	B. MANUFACTURED BY: Trusco
C. DATE INSTALLED (MO/DAY/YEAR) 4/92	D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [ ] 1 MOTOR VEHICLE FUEL [ ] 2 PETROLEUM [ ] 3 CHEMICAL PRODUCT [ ] 4 OIL [ ] 80 EMPTY [ ] 95 UNKNOWN

B. [ ] 1 PRODUCT [ ] 2 WASTE

C. [ ] 1a REGULAR UNLEADED [ ] 1b PREMIUM UNLEADED [ ] 2 LEADED [X] 3 DIESEL [ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS [ ] 7 METHANOL [ ] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D

A. TYPE OF SYSTEM: [X] 1 DOUBLE WALL [ ] 2 SINGLE WALL [ ] 3 SINGLE WALL WITH EXTERIOR LINER [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK) [ ] 95 UNKNOWN [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [ ] 1 BARE STEEL [ ] 2 STAINLESS STEEL [X] 3 FIBERGLASS [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC [ ] 5 CONCRETE [ ] 6 POLYVINYL CHLORIDE [ ] 7 ALUMINUM [ ] 8 100% METHANOL COMPATIBLE W/FRP [ ] 9 BRONZE [ ] 10 GALVANIZED STEEL [ ] 95 UNKNOWN [ ] 99 OTHER

C. INTERIOR LINING: [ ] 1 RUBBER LINED [ ] 2 ALKYD LINING [ ] 3 EPOXY LINING [ ] 4 PHENOLIC LINING [ ] 5 GLASS LINING [X] 6 UNLINED [ ] 95 UNKNOWN [ ] 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP [ ] 2 COATING [ ] 3 VINYL WRAP [X] 4 FIBERGLASS REINFORCED PLASTIC [ ] 5 CATHODIC PROTECTION [ ] 91 NONE [ ] 95 UNKNOWN [ ] 99 OTHER

IV. PIPING INFORMATION

CIRCLE **A** IF ABOVE GROUND OR **U** IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION; A (U) 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A (U) 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: [X] 1 AUTOMATIC LINE LEAK DETECTOR [X] 2 LINE TIGHTNESS TESTING [ ] 3 INTERSTITIAL MONITORING [ ] 99 OTHER

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK [ ] 2 INVENTORY RECONCILIATION [ ] 3 VAPOR MONITORING [ ] 4 AUTOMATIC TANK GAUGING [ ] 5 GROUND WATER MONITORING [ ] 6 TANK TESTING [X] 7 INTERSTITIAL MONITORING [ ] 91 NONE [ ] 95 UNKNOWN [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING ___ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES [ ] NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
DONALD R. JARVIS	3-23-92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	16187	3

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
3481A	E.00 4/22/92	

FORM B (9-90) **THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.**

FOR0034B-R4

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
2. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB70789).
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C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.)

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.E.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

L.A. COUNTY DPW
DATE COMPILED: 10/05/93
RUN DATE: 02/28/95 20:44:26

HAZARDOUS MATERIALS SYSTEM
TANKS INSPECTION JOB ORDER
SCHEDULED INSPECTIONS

REPORT: HMB150.002
INSP#: I000125041
ASSC#: P00006298T
PAGE: 1

FILE #: 015425-016787 NAME: HUGHES MARKET INC
ADD: 14005 E LIVE OAK AVE
IRWINDALE, CA 91706-1323 AREA: 3S SMD: 95
XSTREET: ARROW HWY THOMAS GUIDE: 0039-D2
CONTACT: JARVIS, DON TEL: 818 338 2580

PROC: SAMPLE REQUIRED? N

INSP INFO: VEEDER-ROOT ALARM IN UP STAIRS OFFICE OVER GARAGE

PERM TYPE: T O TANK OPERATING PERMIT # OF TANKS: 3 STATUS: PERMITTED

	FREQUENCY	LAST PERFORMED	NEXT DUE
INSPECTION	36		03/25/95
SAMPLE			
SELF-MONITOR			

ASSGN TO: SAN GABRIEL VLY FIELD OFFICE SECT: FIELD INSPECTION UNIT

TANK #	OWNER TANK ID #	CAPACITY (GAL)	CONTENTS
001	1	12,000	REGULAR UNLEADED GASOLINE
CON:	DOUBLE WALLED		LDS: INTERSTITIAL MONITORING
002	2	12,000	DIESEL
CON:	DOUBLE WALLED		LDS: INTERSTITIAL MONITORING
003	3	12,000	DIESEL
CON:	DOUBLE WALLED		LDS: INTERSTITIAL MONITORING

==========

RESULTS: SEE ATTACHED REPORT.
NO CORRECTIVE ACTION REQUIRED

REMARKS: INSP TIME 1.5 hrs TWO INSP

INSPECTOR: [signature] INSPECTION DATE: 3-8-95

DISP: [signature]

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

ENVIRONMENTAL PROGRAMS DIVISION

INSPECTOR'S REPORT

ASSC.# _____

AREA: 35

BUSINESS NAME: RALPHS FILE # 13425 - 25828

STREET #: 14005 FR: ___ DR: E NAME: LIVE OAK SF: ___ UNIT ___

CITY: IRWINDALE ZIP: 91706-1323 TG: ___

XSTREET: ___ CONTACT: ___ TEL: ( )

THE CLOSURE APPLICATION WAS DATED 5-25-98. PLEASE, CHANGE FREQUENCY FROM 3 TO 12 SINCE ~~5/98~~ HAS BEEN CLOSED & VACANT FROM 2/98 AND VOID CLOSURE PERMIT.

PERMITTEE'S LETTER ALSO REFERRENCES SITE ADDRESS AT 5305 RIVERGRADE RD. THIS ADDRESS HAS TWO IWDP's 13214 & 13244.
NO CLOSURE APPLICATIONS ARE IN FIELD FILE

PLEASE, CHANGE FREQUENCY FROM 4 TO 12 SITE CLOSED & VACANT SINCE 6/98

DAVE LOBATO
INSPECTOR

7-22-99
DATE

38-0002 DPW Rev. 3/96

L.A. COUNTY DPW — HAZARDOUS MATERIALS SYS_ M — REPORT: HMR050.001

DATE COMPILED: 10/06/98 — IW INSPECTION JOB ORDER — INSP#: I000256570

RI DATE: 05/18/99 13:34:07 — INVESTIGATION REQUEST/REPORT — ASSC#: P000220117

PAGE: 1

FILE #: 015425-025828 NAME: RALPHS
ADD: 14005 E LIVE OAK AVE
IRWINDALE, CA 91706-1323 AREA: 3S : SMD: 95
XSTREET: ARROW HWY THOMAS GUIDE: 0039-D2
CONTACT: TAB HARRISON TEL: 310 884 4668

PROC: INVESTGATE SAMPLE REQUIRED? N SAMPLE #: _____

INSP INFO: DETERMINE STATUS OF IW FACILITY. HAS CLOSURE TAKEN PLACE.

PERM TYPE: I 02 OPERATING PERMIT-TRUNK SEWER STATUS: PERMITTED
JURIS: J JOINT PERMIT W/CSDLAC
INDUSTRY: 126 NON-METALS WITH CHEMICAL WASTE
FACILITY: 1A RECEPTOR ONLY (STD I-1, I-12)
SIC: 5141 GROCERIES, GENERAL LINE
RDS: RDS AREA: SQ FT

	FREQUENCY	LAST PERFORMED	NEXT DUE
INSPECTION	03	12/22/98	06/09/99
SAMPLE	00		
SELF-MONITOR	00		

ASSGN TO: SAN GABRIEL VLY FIELD OFFICE SECT: FIELD INSPECTION UNIT

==========

RESULTS: SITE STILL VACANT, UNABLE TO GAIN ACCESS TO BLDG. CONTACTED RALPHS Co. AND RECEIVED THE ATTACHED LETTER.

REMARKS: APPEARS CLOSURE NEVER TOOK PLACE, AND RALPHS WANTS TO KEEP ALL I/W FACILITIES, AND PERMIT THEM CURRENT AS STATED.

INSPECTOR: [signature] INSPECTION DATE: 7-19-99

DISP: [signature]

IRWINDALE
Jurisdiction

File No. 015425 - 025828

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER-FACILITIES
SANITATION DIVISION

INVESTIGATION REPORT

Complainant ENVIRON _ PROGRAMS DIV.
Address 900 So. FREMONT 626 Phone 458-3559
Firm Name RALPHS
Location Address 14005 E. LIVE OAK
Date(s) of Occurrence N/A

Rec'd by DAVE LOBATO
Date 5/18/99 Time 13:34:07
Assigned to RICHARD PAYNE
Referral: CRWQCB ( ) SCD ( )
LACoFCD ( ) LACoHD ( )
Other

Nature of complaint(violation) DETERMINE STATUS OF I/W FACILITY.

Special Instructions DETERMINE IF CLOSURE HAS TAKEN PLACE

REPORT: (Narrative description of observations including physical condition of site, types of materials and chemicals, trade names, extent of waste flow, damage observed, statements of witnesses, preventive measures taken, location of sample points and directives given to alleged discharger.)

CONTACTED MRS. CARROL CHEN WHO STATED THAT THE RALPHS Co. WOULD LIKE TO KEEP CURRENT AND ACTIVE ALL PERMITS ON THE TWO SITES UNTIL FURTHER NOTICE. UNABLE TO GET ACCESS TO THE BUILDING WHERE RECEPTOR WAS LOCATED OR OTHER PROPERTY WHERE AUTO-REP. SHOP CLARIFIER OR ONES AT VEG. STORAGE BY TRUCK DOCKS. IT APPEARS THAT ALL ARE STILL THERE AND NEVER BEEN CLOSED.

(OVER)

Witness/Contact AURFA Address/Title RALPHS REAL EST Phone 310 884-2810
Witness/Contact CARROL CHEN Address/Title RALPHS ENV Phone 310 884-1288
Witness/Contact _____ Address/Title _____ Phone _____

Sample(s) taken ND Delivered to N/A Photos attached( ) A/I pos( )
Citation Issued ( )Yes (X)No Type _____ Cod. _____ Section(s) _____

Follow-up Action Required CENTRAL OFFICE MAY WANT SOME TYPE OF PERMIT ACTION

Investigation by Richard Payne Date 7-19-99

cc: CRWQCB( ), LACoFCD( ), City of _____( ), LACoHealth( ), SCD( )
Other _____

2/5:

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
Waste Management Division - Underground Storage of Hazardous Materials
900 South Fremont Avenue
Alhambra, CA 91803-1331

DO NOT WRITE IN THIS SPACE

RECEIVED
MAR 25 1992
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

3481 A

FILE # DPW USE 16787
R/C CODE 35
HMUSP # 6298
SURCHARGE YES ☒ NO ☐
HMUSP REQ YES ☒ NO ☐
TGP 39 TGC C2

☒ NEW CONSTRUCTION PLAN CLEARANCE
☐ PERMIT ADDENDUM

VOID

APPLICATION FOR NEW CONSTRUCTION PLAN

"See instructions on back of this form"

PC#: 2448

A OWNER INFORMATION

Hughes Markets
OWNER/FACILITY NAME
2711 San Fernando Rd
MAILING ADDRESS
Los Angeles Ca 90065
CITY STATE ZIP
14005 Live Oak, Irwindale, Ca 91706
FACILITY ADDRESS

B COMPLETE FOLLOWING:

No. of Existing Tanks at site: 0
No. of Tanks to be installed: 3
No. of Tanks to be removed: 0
(SEPARATE CLOSURE PERMIT REQUIRED)
Net tanks at site: 3

C NEW CONSTRUCTION PLAN CLEARANCE APPLICATIONS MUST BE ACCOMPANIED BY:

☐ State Underground Storage Tank Permit Application Form **A** & Form **B** to be installed.
☐ Four (4) sets of construction plans and specifications.
New construction plan clearance fee. Enter amount in space provided.

See renewal APP # 43153

NUMBER OF TANKS	PLAN CLEARANCE FEE
1	$207.00
2	$254.00
3	$301.00
4	$348.00
5	$395.00
6 or more	$160.00 + $47.00 PER TANK

	ENTER FEE AMOUNTS BELOW
☐ Plan Clearance Fee	$ 301.00
☐ State Surcharge of $56.00 for each tank [redacted]	$ —
☐ Total Fee = Plan Clearance Fee + State Surcharge	$ 301.00

MAKE CHECKS PAYABLE TO "L. A. COUNTY DEPARTMENT OF PUBLIC WORKS"

D SYSTEM MODIFICATION OR CHANGE PROPOSED: _____

E ADDENDUM APPLICATIONS MUST BE ACCOMPANIED BY:

☐ State underground storage tank permit application Form **B** for each tank modified or changed.
☐ Four (4) sets of construction plans, specifications and/or explanation of modifications or changes.
☐ Permit Addendum Fee of $141.00 ..... $ _____

F APPLICANT OR REPRESENTATIVE:

Signature Tamara Pennington Title Proj. Coordinator
Print Name TAMARA PENNINGTON Date 3-20-92
Contractors shall furnish State Contractors License No. 293700 Class A + B

38-0013 DPW 1/92

INSTRUCTIONS

Hazardous Materials Underground Storage Program
New Construction Plan Clearance or Permit Addendum Application

Do not use this form for closure, transfer or renewal of an existing **HMUSP**.

This application is for authorization to construct or modify hazardous material storage facilities ***ONLY***. A separate Hazardous Materials Underground Storage Permit (**HMUSP**) is required to operate the approved system. This application will not be approved unless a valid **HMUSP** application is on file with the Department of Public Works.

A Facility name, mailing address and facility address on this form must correspond with information on Part II of the State Underground Storage Tank Permit Application Form **A**.

B This application must be submitted for new construction (installation of new tanks) plan clearance or addendum to an existing **HMUSP**. Specify the number of tanks to be installed and the total number of tanks after installation. [redacted] Existing facilities with a valid operational **HMUSP** need not make a separate **HMUSP** application.

C Plans and specifications submitted for a new construction plan clearance must conform to Department of Public Works' *"Underground Storage of Hazardous Materials Guidelines"* and shall demonstrate compliance with all State and Federal requirements.

In addition to the plan clearance fee, a **HMUSP** permit fee will be required when applying to construct a new facility. A State Surcharge fee of $56.00 per tank will be required for each tank that increases the net number of tanks. No refund of current year **HMUSP** fees due will be allowed for an net decrease in the number of tanks.

D Specify the type of modification or change to existing tanks. Types of modifications and changes requiring an addendum include: repair of tanks or piping, replacement of piping, change or addition of hazardous material stored, change in monitoring equipment or change of overfill protection.

E A fee of $141.00 must be submitted for each addendum.

F This form and each State Underground Storage Tank Permit Application Form must be signed by one of the following:

1. The tank owner.
2. A principal executive officer at the level of vice-president or by an authorized representative responsible for the overall operation of the facility where the tank(s) are located.
3. A general partner proprietor.
4. A principal executive officer, ranking elected official or authorized representative of a public agency.
5. An authorized representative, including an architect or contractor responsible for the installation of the new tanks or any modifications or changes to existing tanks.

INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED.

RECEIVED

MAR 25 1992

DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

CA LIC: K0719695
I-16787-35, 34814, 6240

K. E. CURTIS CONSTRUCTION COMPANY, INC.
P. O. BOX 4977 805-499-0428
THOUSAND OAKS, CA 91359

386

90-3803/1222

3/25 1992

PAY TO THE ORDER OF Co of Los Angeles Public Works $ 859.00

Eight hundred fifty nine —— no/100 DOLLARS

FIRST STATE BANK OF THE OAKS
230 North Moorpark Road
Thousand Oaks, California 91360

FOR P.C. Fee Hughes Market Tamara Pennington

⑈000386⑈ ⑆122238035⑆ 301⑉242328⑈

County of Los Angeles
Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803

File No. 16787
Application No. 3481 A
Plan Check No. 2448

NEW UNDERGROUND TANK PLAN CHECK CORRECTIONS

Facility Address: 14005 Live Oak Ave City or Locality Irwindale 91706

Owner Name: Hughes Markets. Phone # (213) 227-8211

Engineer/Contractor: K.E. Curtis Construction Phone # (805) 499-0428

Plan Checker: Emmanuel Okolo Phone # (818) 458-3513

BEFORE APPROVAL FOR INSTALLATION OF UNDERGROUND TANKS, THE PLANS AND/OR APPLICATION FOR THIS INSTALLATION REQUIRE THE INFORMATION, REVISIONS, AND OR CORRECTIONS INDICATED BY THE ITEMS CIRCLED BELOW.

I. INSTRUCTIONS

1. Corrections with circled item numbers apply to this plan check.

2. On the line to the left of the circled corrections please indicate the sheet number of the plans on which the corrections have been made. Resubmit this correction list with ___ sets of the corrected plans.

3. Contact the plan checker to discuss corrections and to make appointment for resubmittal.

II. PLAN CHECK SUBMITTAL

___ 4. Owner must complete and submit a County Hazardous Material Underground Storage Permit (HMUSP) application supplement and one State Tank Permit application form per tank accompanied by appropriate fees for a permit to operate this facility.

___ 5. Facilities subject to SCAQMD Rule 1170 (Methanol Compatible Fuel Storage and Transfer) shall comply with District rules and regulations. Motor vehicle or internal combustion engine fueling facilities claiming exemption in addition to those specified in Rule 1170 shall submit written evidence of exemption from the SCAQMD. IT IS THE APPLICANTS RESPONSIBILITY TO DETERMINE THE APPLICABILITY OF RULE 1170.

___ 6. _____ sets of plans must be submitted including plot plan, cross sections, details and applicable specifications.

___ 7. Status of outstanding Closure Permit(s) _____ and/or Plan Check approval(s) _____ must be clarified.

CONTINUED ON NEXT PAGE

III. PLOT PLAN

___ 8. Plot plan must be to scale and of sufficient size to accurately show location of tank in relation to Item No. 9.

___ 9. Show adjacent, streets, property lines, buildings, utilities, and north arrow.

___ 10. Number all tanks to correspond with designation on the HMUSP application forms. The new tanks must be labeled as to manufacturer, capacities, and material stored. Methanol compatible systems must be clearly identified.

___ 11. Label all product, vapor recovery, vent, and fill lines as to manufacturer, type, material, size, and slope.

___ 12. All non-pressure piping shall slope back to the tank at a 1/4" per foot minimum gradient. write on Plan

___ 13. Label secondary containment as to manufacturer and material and show location of leak detector sensors.

___ 14. Show location and manufacturer of leak detector alarm panel(s) and lines. Existing monitoring system must be shown.

___ 15. List facility/owner name and address at bottom right corner of all plans.

IV. DETAILS

___ 16. Cross sections must reference the applicable tank(s).

___ 17. The cross section must be large enough to clearly detail the tank with all associated piping and manways.

___ 18. Label manholes as to manufacturer and model number. Monitoring manhole(s) must be liquid tight, securable, and traffic rated where applicable. write this on Plans

___ 19. Tanks where secondary containment is not provided for the manway risers or tank fittings shall be equipped with overfill protection that will prevent product from ascending into the risers or fittings.

___ 20. Label fill boxes as to manufacturer and model number.

CONTINUED ON NEXT PAGE

___ 21. Primary vent and Phase II vapor recovery must have ball check valves installed within an extractor assembly.

___ 22. Pressurized product piping must have a flow restrictor (labeled as to manufacturer and model number) and secondary containment with leak detection separate from that of the tank.

___ 23. Provide cross section through the turbine manway showing flow restrictor, piping alignment and details.

___ 24. Pipeline positive pressure shutdown system(s) must be labeled as to manufacturer and model number.

___ 25. The manifolding of primary vent and Phase II vapor recovery lines must adhere to local Fire ordinances, SCAQMD Rules, and sound engineering design.

___ 26. Show location, details and cross sections of monitoring wells and leak detection sensors.

___ 27. State leak detector liquid sensor(s) manufacturer and model number.

___ 28. For all methanol compatible storage systems, clearly stipulate that all readily accessible components which are not methanol compatible for the immediate intended service shall be retrofitted to the fuels into the storage system. A Department of Public Works' system modification approval is required prior to the installation of replacement equipment and/or methanol storage.

V. SPECIAL INSTALLATIONS

___ 29. Special installations (i.e. liner systems, vaulted tanks, etc.) must conform to requirements as outlined in the Hazardous Material Underground Storage Guidelines, Chapter II.

VI. APPROVAL

30. The approval of plans and specifications does not authorize the violation of any rules, codes, or regulations as applied by any local city, county, or state agencies.

31. All other applicable permits and plan check approvals must be obtained from the local city, county, and/or state agencies as required.

CONTINUED ON NEXT PAGE

32. No modifications, additions or substitutions shall be made to systems shown on plans bearing Hazardous Material Underground Storage Clearance without written permission of the Department of Public Works.

33. Upon installation, certification by a manufacturer authorized technician that the monitoring system is installed and operational must be submitted to this office within 30 days.

ADDITIONAL REQUIREMENTS

__ 34. Minimum of 5 gallons is required for overfill Boxes.

The attached _____ sheets are a part of these corrections. This plan check correction will expire on _____.

RETURN THIS SHEET WITH ORIGINAL AND REVISED PLANS AND SPECIFICATIONS WHEN CORRECTIONS HAVE BEEN MADE.

Checked by: _____ Phone # _____ Date _____

Rechecked by: _____ Phone # _____ Date _____

Received by: _____ Company _____ Date _____

BB:ts:mmr(G4)/PLANCHECK(2)

County of Los Angeles
Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803

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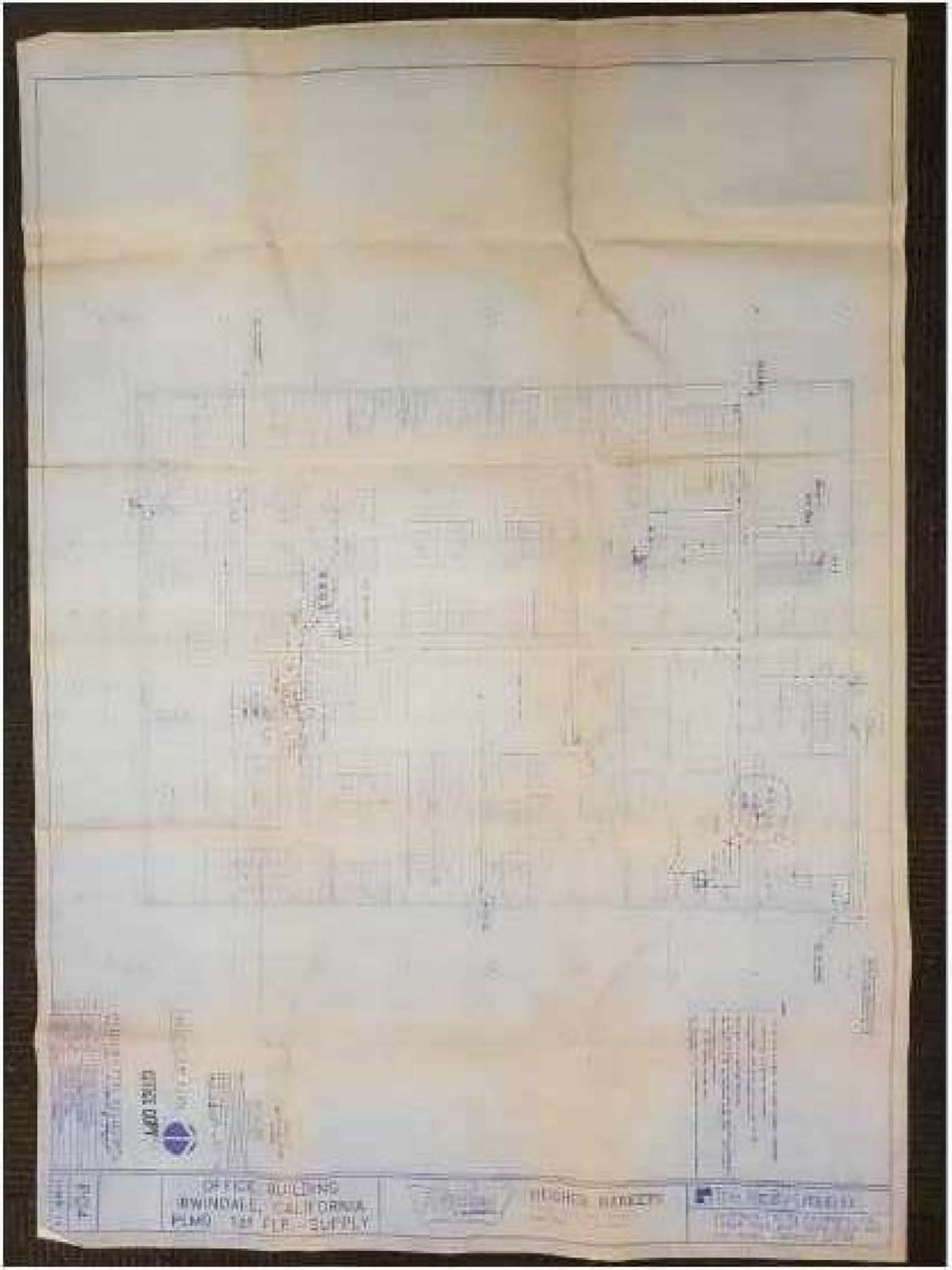
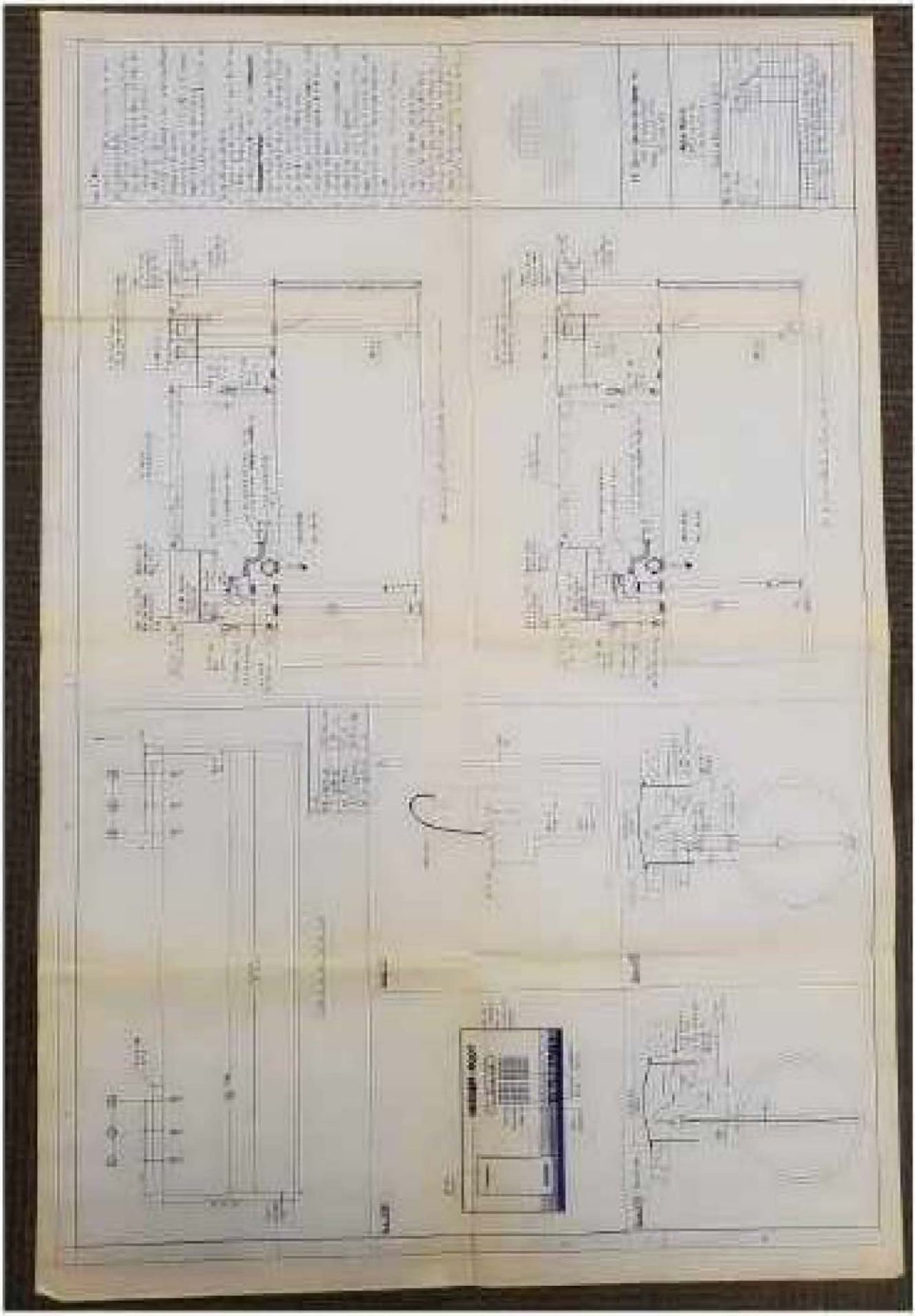
Checked by: _____ Phone # _____ Date _____

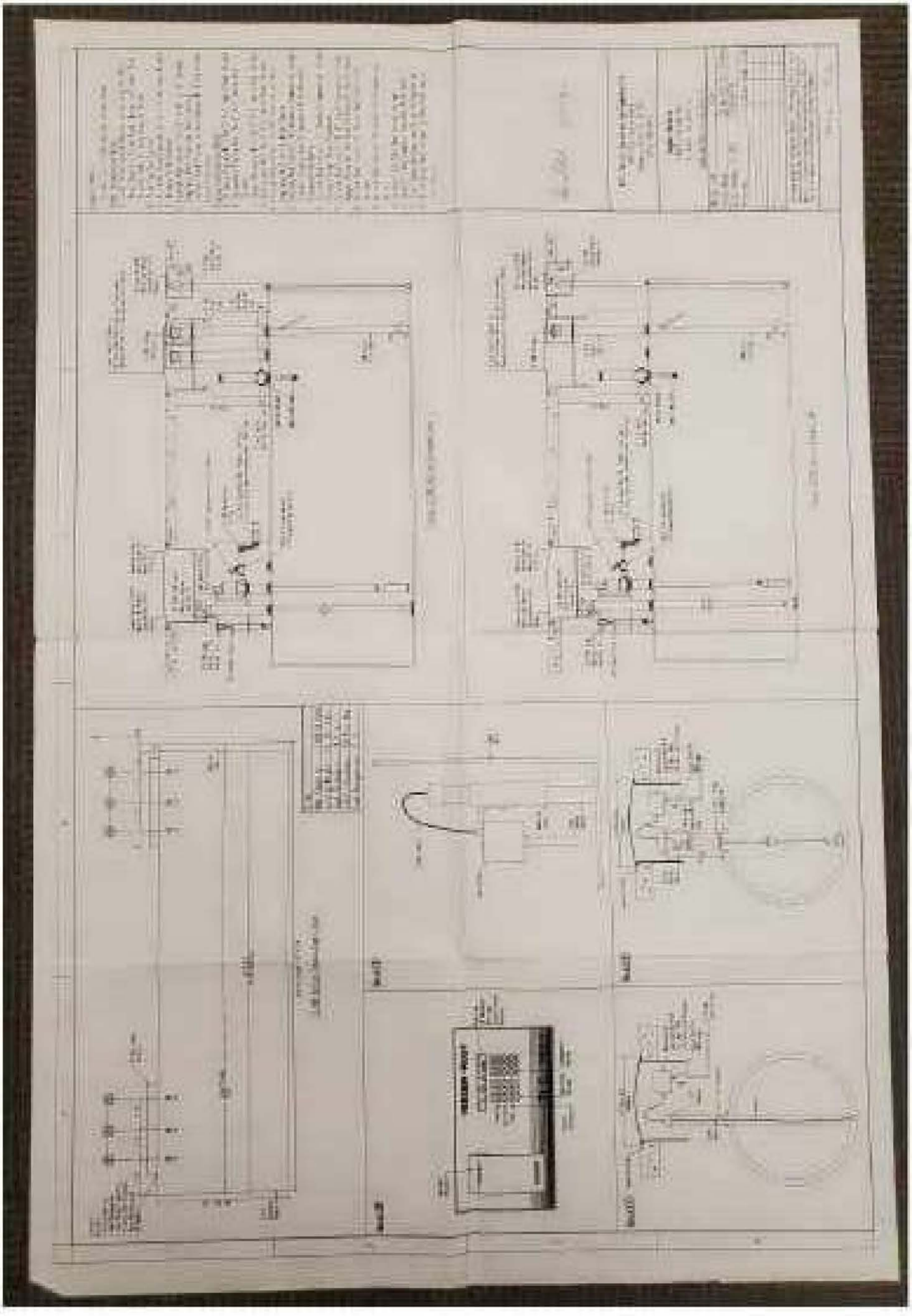
Rechecked by: _____ Phone # _____ Date _____

Received by: _____ Company _____ Date _____

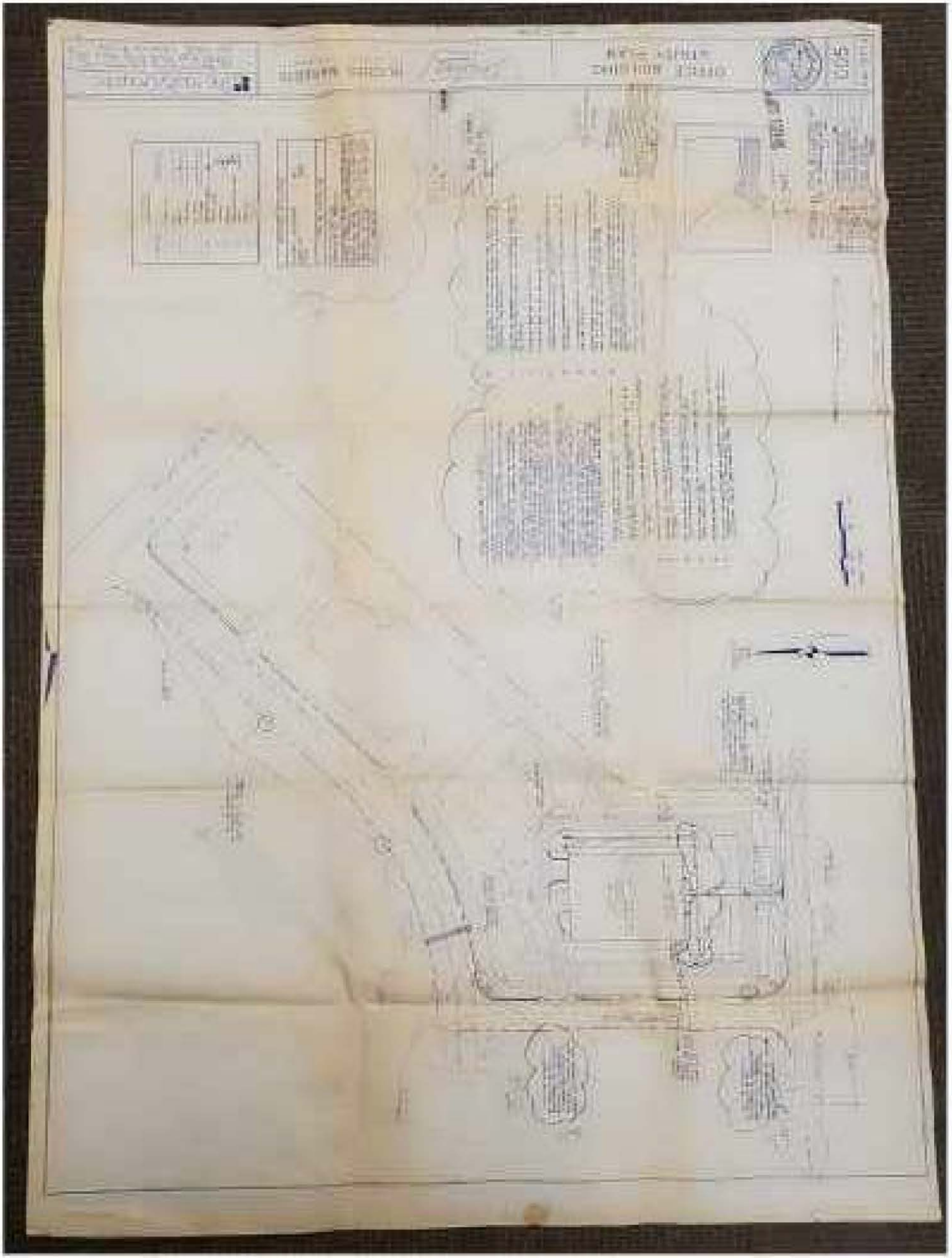
BB:ts:mmr(G4)/PLANCHECK(2)

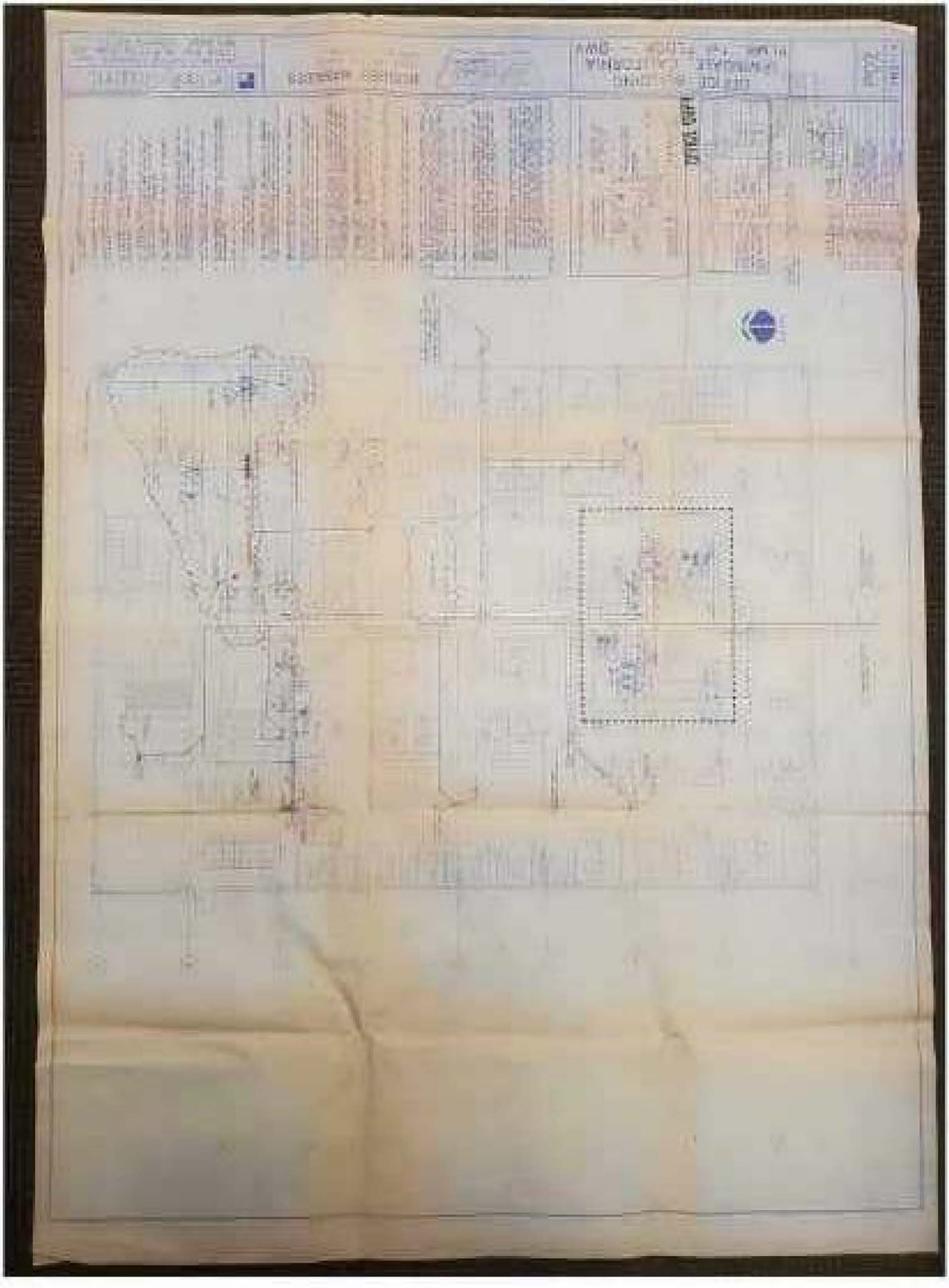

OFFICE BUILDING
IRWINDALE, CALIFORNIA
PLMG TAP FLR. SUPPLY
HUGHES MARKETS

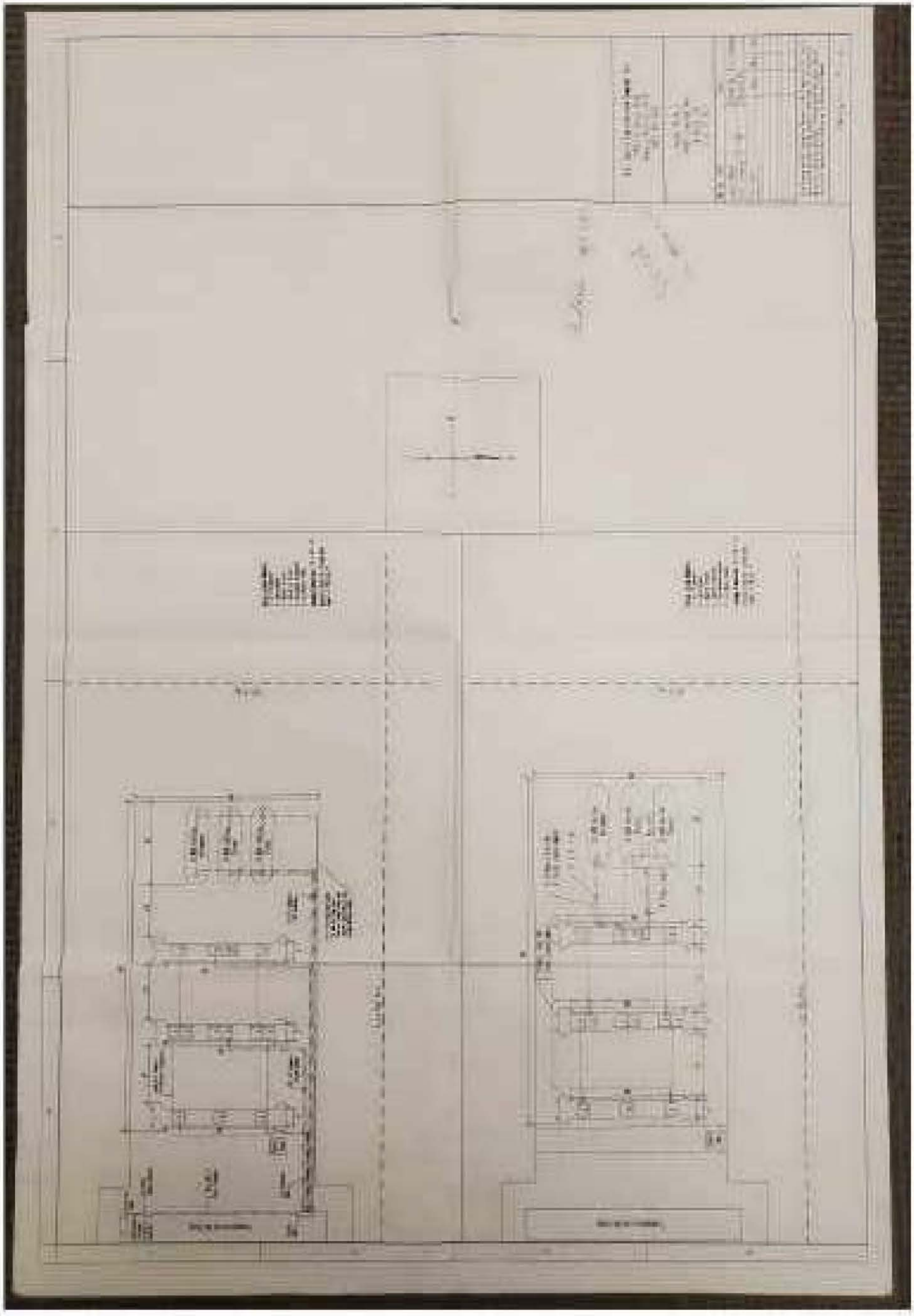


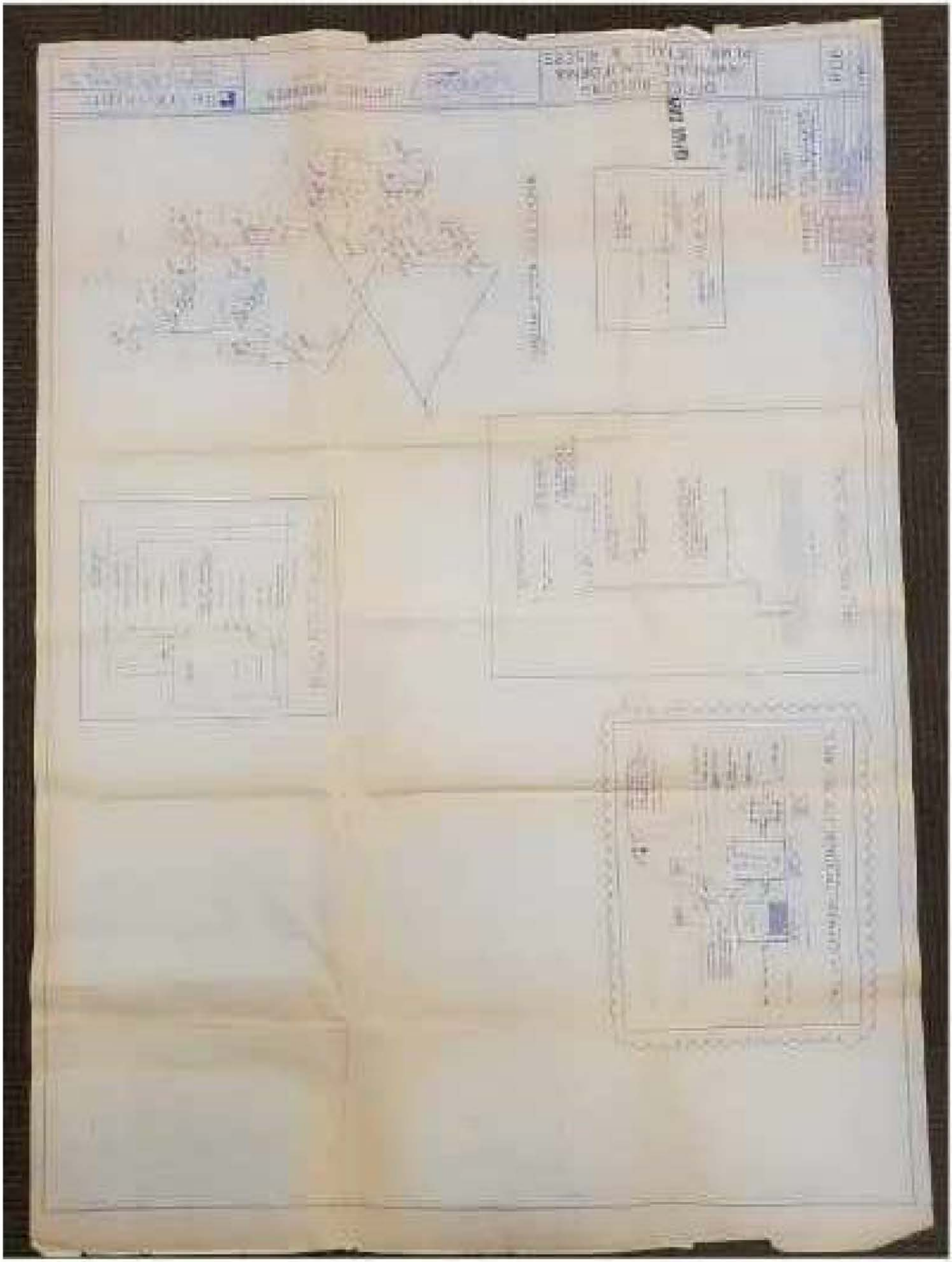


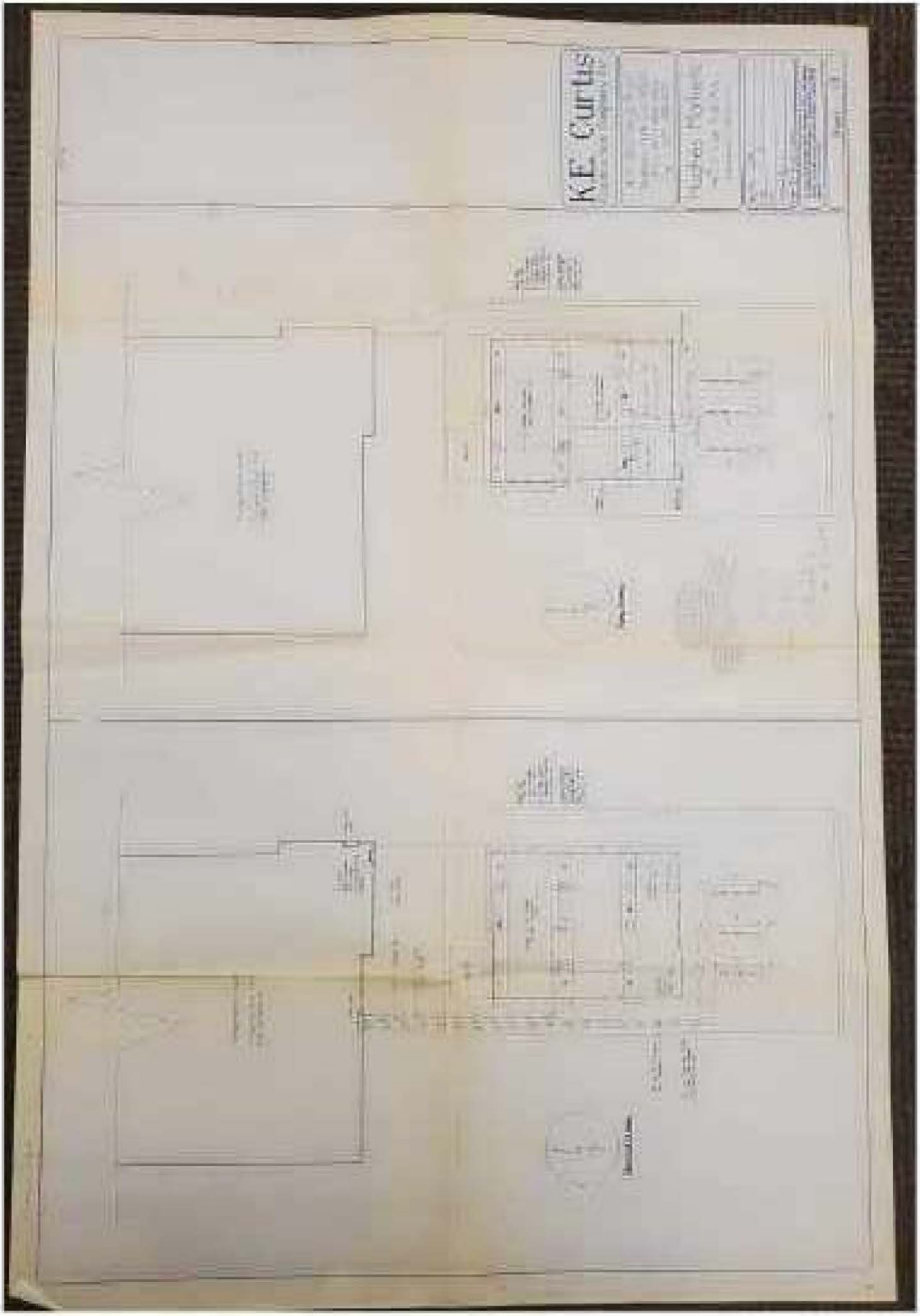
K.E. CURTIS

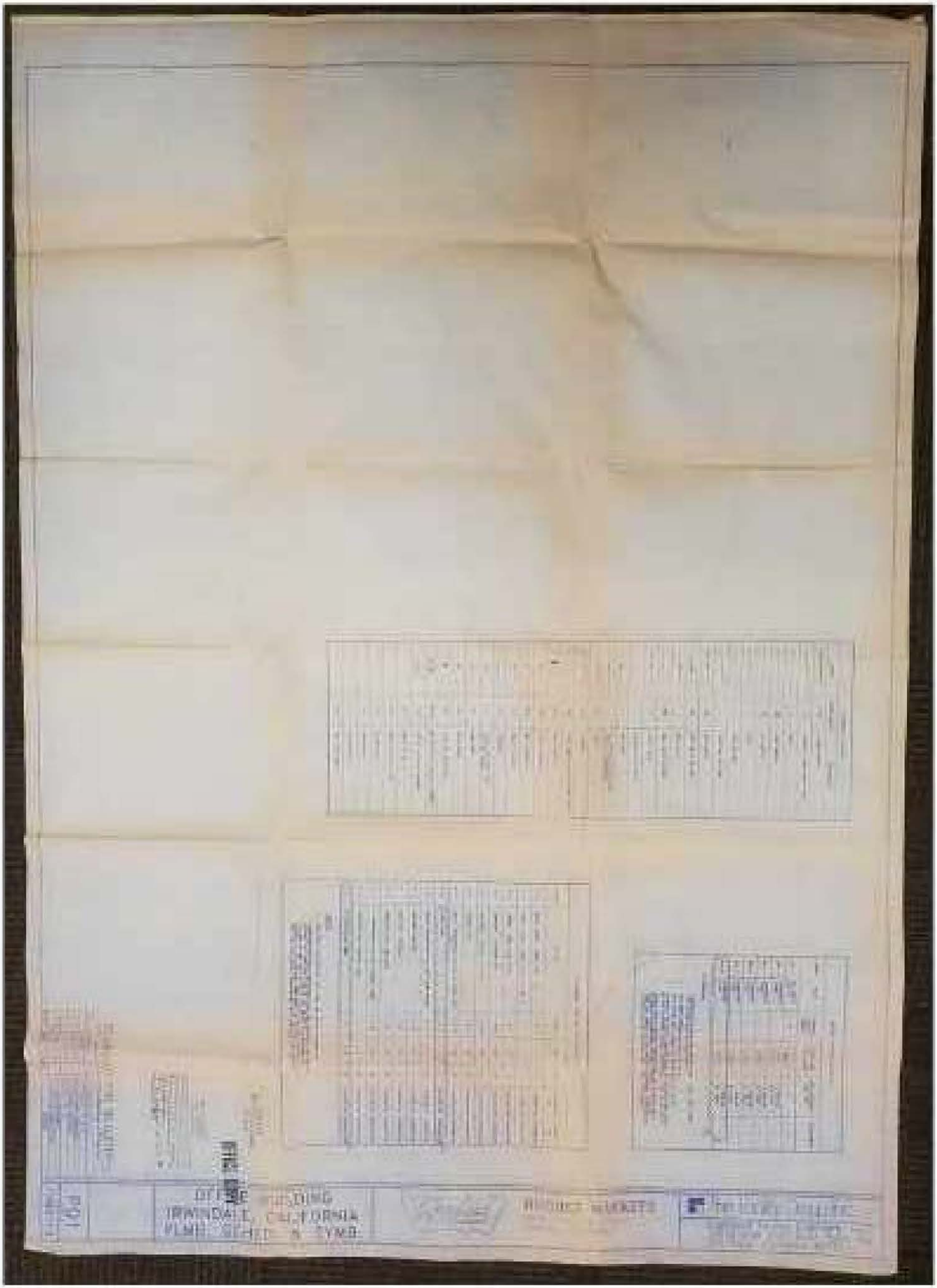


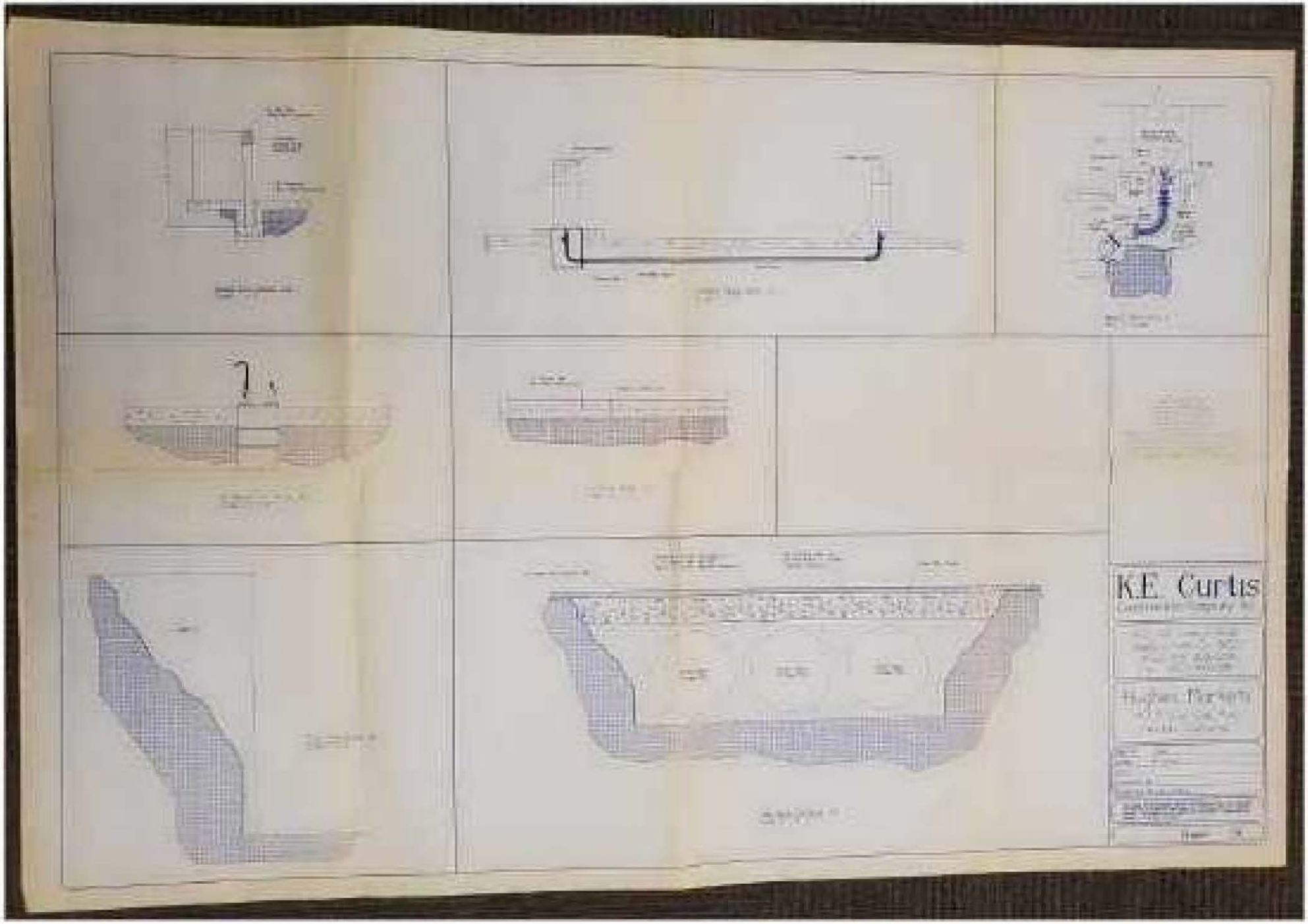







K.E. Curtis




K.E. Curtis

015425-025828 3S

RALPHS

14005 E LIVE OAK AVE

IRWINDALE 917061323

Canceled on 7/27/99

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION - INDUSTRIAL WASTE CONTROL PROGRAM
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

DPW USE ONLY

APP. No. 220118	
FILE# 25828	AREA 35
FEE $ 111.00	
CHECK ☐	CASH ☐

015425

APPLICATION FOR CLOSURE

FACILITY/SITE INFORMATION & ADDRESS

FACILITY/SITE NAME RALPHS GROCERY CO.	C/O WALTER WICKLUND
ADDRESS 14005 ~~ENCINO~~ LIVE OAK AVE.	CROSS STREET STEWART
CITY IRWINDALE STATE CA ZIP CODE 91706	PHONE (626) - 856- 6046
EMERGENCY CONTACT WALTER WICKLUND	PHONE (626) - 856 - 6497

PROPERTY OWNER INFORMATION & ADDRESS

NAME RALPHS GROCERY CO.	C/O TAB HARRISON
MAILING ADDRESS 2201 S. WILMINGTON AVE	
CITY COMPTON STATE CA ZIP CODE 90220	PHONE (310) - 884- 4083

CONTRACTOR INFORMATION & ADDRESS — **OWNER/OPERATOR AS CONTRACTOR** ☐

NAME	C/O
MAILING ADDRESS	CONTRACTOR LICENSE NO.
CITY STATE ZIP CODE	PHONE ( ) -

CLOSURE REQUESTED

☒ PERMANENT, FACILITY REMOVAL (SEE CONDITIONS A, B, C, E and F on back)
☐ PERMANENT, CLOSURE IN PLACE (SEE CONDITIONS A, B, C, D and F on back)

DESCRIPTION OF WASTE GENERATING OPERATIONS/FACILITIES TO BE CLOSED

TYPE OF BUSINESS VACANT	IW PERMIT NUMBER
FEDERAL SIC CODE 5141	WASTEWATER PRODUCTING OPERATIONS FILM DEVELOPING / SILK SCREEN
FACILITY(S) TO BE CLOSED SAMPLE BOX	
ATTACH PLOT PLAN SHOWING LOCATION OF FACILITIES TO BE CLOSED	

COMPLETE THE FOLLOWING:

	YES	NO
HAS AN UNAUTHORIZED RELEASE EVER OCCURRED AT THIS SITE?	☐	☒
HAVE STRUCTURAL REPAIRS EVER BEEN MADE TO THIS FACILITY?	☐	☒
WILL NEW FACILITIES BE INSTALLED AFTER CLOSURE?	☐	☒
WILL INDUSTRIAL WASTE GENERATING OPERATION REMAIN AFTER CLOSURE?	☐	☒

>>IF THE ANSWER TO ANY QUESTION ABOVE IS YES, ATTACH EXPLANATION<<

NOTICE: WASTEWATER, RESIDUES THAT MAY BE LEFT IN FACILITIES TO BE CLOSED AND CONTAMINATED SOILS MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

BY SIGNATURE BELOW AND UNDER PENALTY OF PURGERY, THE APPLICANT CERTIFIES THAT ALL STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT AND THAT THEY HAVE READ AND AGREE TO ABIDE BY THIS CLOSURE AUTHORIZATION AND ALL CONDITIONS AND LIMITATIONS ON THE REVERSE SIDE OF THIS FORM AND ADDITIONAL CONDITIONS THAT MAY BE ATTACHED.

APPLICANTS SIGNATURE Tab Harrison	DATE 5-25-98
(PRINT NAME) TAB HARRISON	PHONE ( ) 310-884-4083
AS: OWNER ☒ OPERATOR ☐ CONTRACTOR ☐	

To be completed by the Department of Public Works

PURSUANT TO SECTION 20.36.220, LOS ANGELES COUNTY CODE*, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. THIS AUTHORIZATION EXPIRES 180 DAYS FROM THE DATE BELOW.

HARRY W. STONE
Director of Public Works

BY DATE

* ☐ CITY MUNICIPAL SECTIONS APPLY.

AUTHORIZATION FOR CLOSURE
INDUSTRIAL WASTE CONTROL PROGRAM
CONDITIONS AND LIMITATIONS

A. GENERAL

1. This closure authorization is limited to closure of industrial wastewater pretreatment facilities NOT permitted as hazardous waste treatment units pursuant to Chapter 6.5, California Health & Safety Code, or underground storage tanks pursuant to Title 11, Division 4, Los Angeles County Code.

2. All work shall be carried out in full compliance with all applicable Federal, State and local laws, ordinances, rules and regulations.

3. The Waste Management Division (WMD) shall be notified in writing 30 days in advance of any facility closure unless this requirement is specifically waved by the Director of Public Works.

4. The applicant shall demonstrate that no pollution or nuisance will be created by the proposed closure.

5. All fees due to WMD for the operation and/or maintenance of the facility subject to closure through the date of closure shall be paid.

6. A fee pursuant to Section 20.36.270, Los Angeles County Code, or applicable city code shall accompany this application.

B. PRIOR TO STARTING WORK

1. All wastewater generating operations tributary to the facility to be closed shall be terminated or directed to alternative approved facilities.

2. All accumulated industrial and/or hazardous wastes shall be removed from the industrial waste pretreatment facility.

3. All required plumbing and/or sewer abandonment permits shall be obtained from the Building Official prior to capping any drains, sewers or private sewer systems.

4. Inspection notification(s) shall be made as directed by this approval.

C. APPLICABLE TO ALL CLOSURES

1. Sewer laterals serving the wastewater pretreatment facility to be closed and any open sewer connections shall be removed or severed and capped immediately downstream from such facility and shall include the removal of sample box, cleanout, trap and vent associated with the facility.

2. The severed outlet line shall be capped off with a fast-setting cement or other approved equivalent material.

3. All inlets, floor sinks, drains, trenches or other fixtures tributary to the pretreatment facility shall be removed or permanently sealed with a fastsetting cement or other approved equivalent material.

4. If at any time evidence of an unauthorized discharge from the facility or tributary facilities is discovered, the applicant shall notify WMD within 24 working hours and shall take all necessary steps to secure any contaminated soils or residues.

5. No work shall be covered until all required inspections have been made.

D. PERMANENT CLOSURE IN PLACE

1. Closure in place is allowed only when specified by this authorization.

2. Prior to backfill, any samples required by this approval shall be taken.

3. Upon completion of all work required above, the pretreatment facility shall be backfilled with sand, pea gravel or other approved material and compacted to within a maximum of 4 inches below grade.

4. The remaining 4 inches (minimum) shall be filled with concrete or equivalent approved material.

5. All backfill operations shall be carried out in compliance in accordance with applicable Building Code requirements.

E. PERMANENT CLOSURE BY REMOVAL

1. Upon completion of all work required by Conditions A through C above, the pretreatment facility shall be excavated and transported to a legal point of disposal.

2. Prior to backfill, any samples required by this approval shall be taken.

3. All excavation and backfill operations shall be carried out in compliance with applicable Building Code requirements.

F. REQUIRED REPORTS

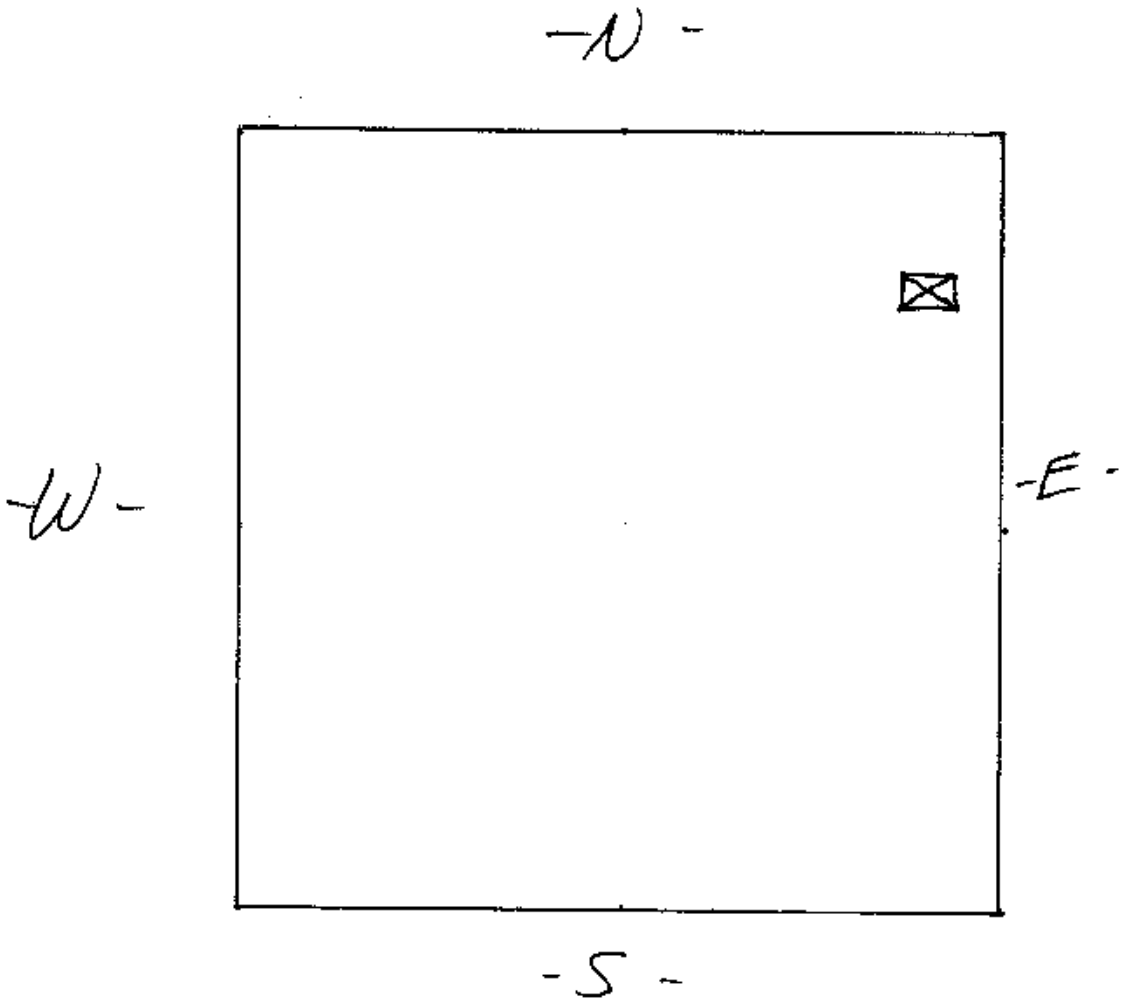
1. Within 30 days of the date of closure, the applicant shall furnish WMD a closure report describing all work done, results of any required sampling, disposition of any contaminated soils or materials found and evidence of compliance with Conditions B1, B2, B3, C4, D2, E1 AND E2.

2. The closure report shall include any additional requirements made a part of this approval.

3. The closure report shall be submitted to:

Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803-1331

14005 LIVE OAK AVE
IRWINDALE CA, 91706



☒ = SAMPLE BOX

W. WICKLAND 5/88

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT AND PERMITS TRACKING SYSTEM

DATE: 06/03/98 DPR4051
TIME: 15:47:32 PAGE 1
ROUTE TO: BS0500 REQUESTED BY: XXXXXXX

MISCELLANEOUS FEE RECEIPT

RECEIPT NUMBER: BS05000027849

THIS IS A RECEIPT FOR THE AMOUNT OF FEES COLLECTED AS LISTED BELOW. THE RECEIPT NUMBER, DATE AND AMOUNT VALIDATED HEREON HAS ALSO BEEN VALIDATED ON YOUR APPLICATION OR OTHER DOCUMENT AND HAS BECOME A PART OF THE RECORD OF THE COUNTY OF LOS ANGELES, FROM WHICH THIS RECEIPT MAY BE IDENTIFIED. PLEASE RETAIN THIS RECEIPT AS PROOF OF PAYMENT. ANY REQUEST FOR REFUND MUST REFERENCE THIS RECEIPT NUMBER.

PAYMENT ACCEPTED FOR: 14005 E LIVE OAK AVE

DATE PAYMENT RECEIVED: 06/03/98 15:47:23
PAYOR NAME: RALPHS MARKET
ADDRESS: P O BOX 54143 LOS ANGELES CA 90054-0143
PHONE:

FEE ITEM	FEE DESCRIPTION	STATISTICAL CODE	CALCULATION FACTOR	UNIT OF MEASURE	EXTENDED AMOUNT
50	INDUSTRIAL WASTE	V097794	111.00	EACH	$111.00

TOTAL FEES PAID: $111.00

PAYMENT TYPE	REFERENCE	AMT TENDERED	CHANGE GIVEN	AMOUNT APPLIED
CHECK	7192990	$111.00	$0.00	$111.00

OFFICE: BS 0500 DRAWER: 07
CASHIER: RN

ITEMS WITH AN ASTERISK (*) WILL REQUIRE FURTHER DEPOSITS
WHENEVER ACTUAL COSTS EXCEED THE DEPOSIT AMOUNT
********** END OF REPORT **********

S FEE RECEIPT 06/08/98
13:37:08

****

OF DATA PAGE 1

ORG/LOC: **BS 0500**

PAYOR NAME: **RALPHS MARKET**
P O BOX 54143 LOS ANGELES CA 90054-0143

RECEIPT NBR: **BS05000027849** MISCELLANEOUS FEE - PYMT REF: **14005 E LIVE OAK AVE**

BAL DUE: **111.00**

FEE DESCRIPTION	CALC FACTOR	U/M	CALC AMOUNT	CODE	OVERRIDE AMT
INDUSTRIAL WASTE	**111.00**	**EACH**	**111.00**		

FEE CONFIRMATION EMPLOYEE: **NEW, RAE JEAN**

------- PAYMENT ------- DATE	TYPE REFERENCE	AMOUNT RECEIVED	REMAINING BALANCE/ CHANGE REQUIRED (CR)
06/03/98	**CK 7192990**	**111.00**	**0.00**

ORG/LOC: **BS 0500** DRAWER: **07** CASHIER: **E219759**

DPC415 NEXT TRANSACTION: _____ PF1=HELP

AP44 # 220118

L.A. COUNTY DPW
DATE COMPILED: 06/26/95
RUN DATE: 03/31/98 18:49:07

HAZARDOUS MATERIALS SYSTEM
IW INSPECTION JOB ORDER
SCHEDULED INSPECTIONS

REPORT: HMB150.001
INSP#: I000215621
ASSC#: P000013048
PAGE: 1

(25828) RAlPhs.

FILE #: 015425-~~116728~~ NAME: ~~HUGHES MARKETS INC~~
ADD: 14005 E LIVE OAK AVE
IRWINDALE, CA 91706-1323 AREA: 3S SMD: 95
XSTREET: ARROW HWY THOMAS GUIDE: 0039-D2
CONTACT: CHARLES OLSON TEL: 818 856 6050

PROC: STD SAMPLE REQUIRED? N

INSP INFO: SYSTEM IN SIGN SHOP, FILM PROCESSOR AND PORT. SILVER RECOVERY SYS. & WATER NEUTRALIZATION SYS WITH PH METER AND RECORDER I-12 SAMPLE BOX

PERM TYPE: I 01 OPERATING PERMIT-LOCAL SEWER STATUS: PERMITTED
JURIS: J JOINT PERMIT W/CSDLAC
INDUSTRY: 126 NON-METALS WITH CHEMICAL WASTE
FACILITY: 1A RECEPTOR ONLY (STD I-1, I-12)
SIC: 5141 GROCERIES, GENERAL LINE
RDS: RDS AREA: SQ FT

	FREQUENCY	LAST PERFORMED	NEXT DUE
INSPECTION	03		04/29/98
SAMPLE	00		
SELF-MONITOR	00		

ASSGN TO: SAN GABRIEL VLY FIELD OFFICE SECT: FIELD INSPECTION UNIT

==========

RESULTS: SIGN SHOP HAS BEEN CLOSED FOR LAST 3 MONTHS. DUE TO MERGER W/ RALPHS. NOTICE ISSUED (310) 884-4668

REMARKS:

INSPECTOR: [signature] INSPECTION DATE: 4/24/98

DISP: ER

FOLL

TRANS: FILE HMS FILE DISPLAY/UPDATE
PROG: HMC050

ACTION: A (A)DD (C)HANGE (D)ELETE (B)ROWSE
FILE #: 015425 NAME: RALPHS SEC? _ STAT:
STREET #: FR: DR: NAME: SF: UN:
CITY: ZIP: AREA: TEL: ___ ___ ____
XSTREET: RES/TR?
BUS TYPE: ____ OWN TYPE: ____
FIN RESP: __ EQUAL #: _____
MAIL NAME: RALPHS GROCERY
MAIL AD1: 2201 S. WILMINGTON AVE. AD2: _____
CITY: COMPTON ST: CA ZIP: 90220 ____ TEL: ___ ___ ____

CONTACTS: PRIMARY DAY: TAB HARRISON, DIRECTOR TEL: 310 884 4668
NGT: ENV. AFFAIRS TEL: ___ ___ ____
SECONDARY DAY: _____ TEL: ___ ___ ____
NGT: _____ TEL: ___ ___ ____
OF EMP: FULL TIME: _____ PART TIME: _____ BUS YRS: ___

IW CT: TANK CT: ADD DT: CLUP? N
ACT IW CT: ACT TANK CT:
LAST TRAN/DATE/OPER:
(C) COPYRIGHT 1991, COUNTY OF LOS ANGELES, ALL RIGHTS RESERVED

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

HARRY W. STONE, Director

NOTICE

IN REPLY PLEASE REFER TO FILE

Date April 29, 1998 File No. 015425 - 25828

To Mr. Jab Harrison Permit No. RP

Site Name Distribution Ctr Violation No. 1217858

Site Address 14005 E Live Oak Ave, Irwindale

Mailing Address 2201 S. Wilmington Ave, Compton CA 90220

PERMIT REQUIRED

It has come to the attention of this office that you are utilizing or are presently responsible for the maintenance of industrial waste pretreatment or disposal facilities at the subject site. You are required to submit the items checked below, within 30 days from the date of this Notice, to continue use of your facility:

[ ] Complete and sign the enclosed permit application.

[ ] Complete and sign the enclosed Additional Information Questionnaire for Permit Applicants.

[✓] An application fee of $ 111.00 and Plan check fee of $ _____. Total $ 111.00 payable to the [✓] County of Los Angeles Department of Public Works, [ ] City of _____.

[✓] Other APPLICATION FOR CLOSURE FOR SAMPLE BOX IN SIGN SHOP.

An Annual Industrial Waste Inspection Fee may be required upon permit issuance. If you have any questions regarding this matter, please contact ELVIRA DELGADILLO Monday through Friday, 8:00 a.m. to 9:30 a.m., at (626) 574-0962.

Very truly yours,

HARRY W. STONE
Director of Public Works

By: Elvira Delgadillo
Environmental Programs

Enc.

PERM.RQD

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
125 S. BALDWIN AVE
ARCADIA, CA 91007-2552

015425-035756 3S

THE REALTY ASSOCIATES FUND

14005 E LIVE OAK AVE

IRWINDALE 91706

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100

HARRY W. STONE, Director

ADDRESS ALL CORRESPONDENCE TO
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

November 6, 2000

IN REPLY PLEASE
REFER TO FILE EP-1
215425-035756

Mr. Emil J. Bachl
Bachl Management Group, Inc.
30200 Rancho Viejo Rd, Suite C
San Juan Capo, CA 92675-1560

CLOSURE AUTHORIZATION A302264
INDUSTRIAL WASTE FACILITY
14005 E. Live Oak Ave., Irwindale (35)

Enclosed is your copy of closure authorization for the removal/closure in place of the industrial waste facility named thereon. Compliance with conditions listed on the reverse side of the authorization is necessary to ensure proper closure. You will need to contact the office indicated on the enclosed list no later than 72-hours prior to the start of work. Please note that inspectors can be contacted from 8:00 a.m. to 9:30 a.m. Monday through Friday only.

If you have any questions regarding this matter, please contact Justine Gamboa of this office at (626) 458-3514, Monday through Thursday, 7:00 a.m. to 5:30 p.m.

Very truly yours,

HARRY W. STONE
Director of Public Works

NARDY DREW
Supervising Civil Engineer I
Environmental Programs Division

IW1\CLOSURE
C302327
Enc.

cc: The Realty Associates Fund V, L.P. (Mr. James C. Buckingham)
Simon S. Young & Associates, Inc. (Mr. Paul G. Boggs)

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
Environmental Programs Division - Industrial Waste Control Program
900 S. Fremont Avenue, Alhambra, CA 91803-1331
Telephone: (626) 458-3517 Fax (626) 458-3569

APP. NO.
FILE C15425-035756
FEE $ 111 AREA 35
CHECK ☐ CASH ☐

APPLICATION FOR CLOSURE

FACILITY/SITE INFORMATION & ADDRESS

FACILITY/SITE NAME FORMER HUGHES MARKETS CORPORATE H.QUARTERS	C/O EMIL WOHL, WOHL MANAGEMENT GROUP, INC.
ADDRESS 14005 LIVE OAK AVENUE	CROSS STREET STEWART AVENUE
CITY IRWINDALE STATE CALIFORNIA ZIP CODE	PHONE (949) 489-4480 x 402
EMERGENCY CONTACT EMIL WOHL	PHONE (949) 489-4480 x 402

PROPERTY OWNER INFORMATION & ADDRESS

NAME THE REALTY ASSOCIATES FUND V, L.P.	C/O JAMES O. BUCKINGHAM
MAILING ADDRESS 4100 NEWPORT PLACE, SUITE 830	
CITY NEWPORT BEACH STATE CALIFORNIA ZIP CODE 92660	PHONE (949) 852-2030

CONTRACTOR INFORMATION & ADDRESS OWNER/OPERATOR AS CONTRACTOR ☐

NAME	C/O
MAILING ADDRESS	CONTRACTOR LICENSE NO.
CITY STATE ZIP CODE	PHONE ( )

CLOSURE REQUESTED

☐ PERMANENT, FACILITY REMOVAL (SEE CONDITIONS A, B, C, E, and F on back)
☒ PERMANENT, CLOSURE IN PLACE (SEE CONDITIONS A, B, C, D, and F on back)

DESCRIPTION OF WASTE GENERATING OPERATIONS/FACILITIES TO BE CLOSED

TYPE OF BUSINESS PHOTOGRAPHY SHOP	IW PERMIT NUMBER [illegible]
FEDERAL SIC CODE [illegible]	WASTEWATER PRODUCING OPERATIONS [illegible]
FACILITY(S) TO BE CLOSED SAMPLING BOX	
ATTACH PLOT PLAN SHOWING LOCATION OF FACILITIES TO BE CLOSED - SEE ATTACHED	

COMPLETE THE FOLLOWING:	YES	NO
HAS AN UNAUTHORIZED RELEASE EVER OCCURRED AT THIS SITE?	☐	☒
HAVE STRUCTURAL REPAIRS EVER BEEN MADE TO THIS FACILITY?	☐	☒
WILL NEW FACILITIES BE INSTALLED AFTER CLOSURE:	☐	☒
WILL INDUSTRIAL WASTE GENERATING OPERATION REMAIN AFTER CLOSURE	☐	☒

>>>IF THE ANSWER TO ANY QUESTION ABOVE IS YES, ATTACH EXPLANATION<<<

NOTICE: WASTEWATER, RESIDUES THAT MAY BE LEFT IN FACILITIES TO BE CLOSED AND CONTAMINATED SOILS MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

BY SIGNATURE BELOW AND UNDER PENALTY OF PERJURY, THE APPLICANT CERTIFIES THAT ALL STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT AND THAT THEY HAVE READ AND AGREE TO ABIDE BY THIS CLOSURE AUTHORIZATION AND ALL CONDITIONS AND LIMITATIONS ON THE REVERSE SIDE OF THIS FORM AND ADDITIONAL CONDITIONS THAT MAY BE ATTACHED.

APPLICANTS SIGNATURE [signature]	DATE 11/1/00
(PRINT NAME) EMIL J. WOHL, AS AGENT FOR THE REALTY ASSOCIATES FUND V	PHONE (949) 489-4480 x 402
AS: OWNER ☒ OPERATOR ☐ CONTRACTOR ☐	

To be completed by the Department of Public Works

PURSUANT TO SECTION 20.36.220, LOS ANGELES COUNTY CODE*, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. THIS AUTHORIZATION EXPIRES 180 DAYS FROM THE DATE BELOW.

HARRY W. STONE
Director of Public Works

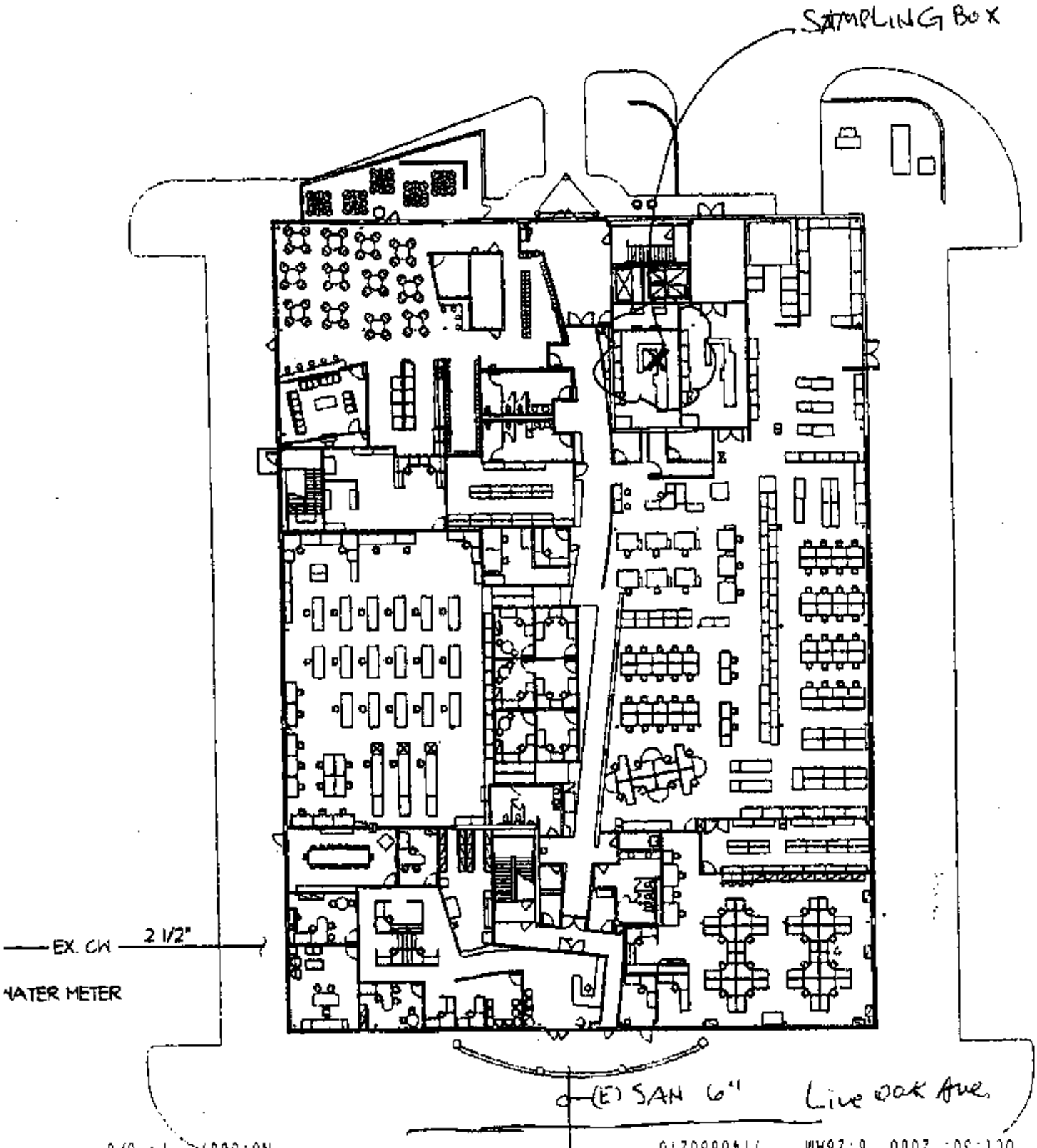
Ord 364

BY [signature] DATE 11/6/00

* ☒ CITY MUNICIPAL SECTIONS APPLY.

Complete the Attached Certification of Compliance with Los Angeles County Lobbyist Ordinance 38-0028 DPW Rev. 4/98

Oct.30. 2000 8:27AM 7146880216 No.3657 P. 2/3
Received: 10/30/00 9:26; -> Wohl Property Group; Page 2



Received: 10/30/00 9:27; -> Wohl Property Group; Page 3
Oct-30-2000 8:28AM 7146860216 No.3657 P. 3/3

L.A. COUNTY DPW — HAZARDOUS MATERIALS SYSTEM — REPORT: PWR050.001
DATE COMPILED: 06/25/99 — IW INSPECTION JOB ORDER — INSP#: I000357701
RUN DATE: 12/17/02 13:29:57 — INVESTIGATION REQUEST/REPORT — ASSC#: A000302264
PAGE: 1

FILE #: 015425-035756 NAME: THE REALTY ASSOCIATES FUND
ADD: 14005 E LIVE OAK AVE
IRWINDALE, CA 91706-1323 AREA: 3S SMD: 95
XSTREET: ARROW HWY THOMAS GUIDE: 0598-B2
CONTACT: JAMES O. BUCKINGHAM TEL: 949 852 2030

PROC: INVSTIGATE SAMPLE REQUIRED? N SAMPLE #: _____

INSP INFO: PREVIOUS TENANT (RAPLHS) DECIDED TO KEEP RECEPTOR. REALTY ASSOCIATES APPLIED FOR CLOSURE, GRANTED 11-06-00. VERY IF S.B. HAS BEEN REMOVED

PERM TYPE: I 01 OPERATING PERMIT-LOCAL SEWER STATUS: PERMITTED
JURIS: C LOCAL ORDINANCE/CSDLAC EXEMPT
INDUSTRY: 126 NON-METALS WITH CHEMICAL WASTE
FACILITY: 1A RECEPTOR ONLY (STD I-1, I-12)
SIC: 5141 GROCERIES, GENERAL LINE
RDS: RDS AREA: SQ FT

	FREQUENCY	LAST PERFORMED	NEXT DUE
INSPECTION	00		
SAMPLE	00		
SELF-MONITOR	00		

ASSGN TO: SAN GABRIEL VLY FIELD OFFICE SECT: FIELD INSPECTION UNIT

==========

RESULTS: S.B. removed, nothing visible in area shown on closure diagram, Building was gutted & remodeled for Mellon between 10/00 & 2/01.

REMARKS: Consent to inspect – Lewis Orce, Site Analyst, Mellon

INSPECTOR: JOHN NELSON INSPECTION DATE: 12-17-02

DISP: COMP A

HMS UPDATE
BY _____
DATE _____
APP# _____

-HQ USE ONLY-

FOR HMS UPDATE ONLY
Cancellation Worksheet For
Industrial Waste Disposal Permit

Site/File No.: 015425 035756 Date: 12-17-02

Name: The Realty Associates FUND

Street No.: 14005 E. LIVE OAK Ave., IRWINDALE 35

Permit No.: 301297 Insp. No.: 357701 App. No.: A302264

	Yes	No	Other
Requested Closure Authorization conditions and limitations Items A, B, C, D & E completed	[X]	[ ]	[ ]
All industrial waste producing operations have ceased	[X]	[ ]	[ ]
All industrial waste treatment facilities have been rendered inoperable to prevent further use	[X]	[ ]	[ ]
All industrial wastes remaining on the premises have been removed to a legal point of disposal	[X]	[ ]	[ ]
All fees required up to this date of request for cancellation have been paid	[X]	[ ]	[ ]

Closure Date: — Last Used Date: — Removal Date: —

Comments: receptor was removed during remodeling of building for Mellon Financial Services, between the dates of 10/00 to 2/01

By JOHN NELSON Date 12-17-02
Inspector, Environmental Programs Division

NH2\CANCEL

I-16728-3S
Hughes Market Inc.
14005 E. Live Oak Avenue
Irwindale

015425-116728 3S

HUGHES MARKETS INC

14005 E LIVE OAK AVE

IRWINDALE 91706 1329

Rich O'Connell
Field Engineer

TRAILER # 618-338-2580

The Facility Group inc.

Facility Constructors Inc
12620 High Bluff Drive
San Diego, California 92130
619.793.4603 FAX 619.793.4672
California License Number 954607

AUTHORIZATION FOR CLOSURE
INDUSTRIAL WASTE CONTROL PROGRAM
CONDITIONS AND LIMITATIONS

A. GENERAL

1. This closure authorization is limited to closure of industrial wastewater pretreatment facilities NOT permitted as hazardous waste treatment units pursuant to Chapter 6.5, California Health & Safety Code, or underground storage tanks pursuant to Title 11, Division 4, Los Angeles County Code.

2. All work shall be carried out in full compliance with all applicable Federal, State and local laws, ordinances, rules and regulations.

3. The Environmental Programs Division (EPD) shall be notified in writing 30 days in advance of any facility closure unless this requirement is specifically waived by the Director of Public Works.

4. The applicant shall demonstrate that no pollution or nuisance will be created by the proposed closure.

5. All fees due to EPD for the operation and/or maintenance of the facility subject to closure through the date of closure shall be paid.

6. A fee pursuant to Section 20.36.270, Los Angeles County Code, or applicable city code shall accompany this application.

B. PRIOR TO STARTING WORK

1. All wastewater generating operations tributary to the facility to be closed shall be terminated or directed to alternative approved facilities.

2. All accumulated industrial and/or hazardous wastes shall be removed from the industrial waste pretreatment facility.

3. All required plumbing and/or sewer abandonment permits shall be obtained from the Building Official prior to capping any drains, sewers or private sewer systems.

4. Inspection notification(s) shall be made as directed by this approval.

C. APPLICABLE TO ALL CLOSURES

1. Sewer laterals serving the wastewater pretreatment facility to be closed and any open sewer connections shall be removed or severed and capped immediately downstream from such facility and shall include the removal of sample box, cleanout, trap and vent associated with the facility.

2. The severed outlet line shall be capped off with a fast-setting cement or other approved equivalent material.

3. All inlets, floor sinks, drains, trenches or other fixtures tributary to the pretreatment facility shall be removed or permanently sealed with a fast setting cement or other approved equivalent material.

4. If at any time evidence of an unauthorized discharge from the facility or tributary facilities is discovered, the applicant shall notify EPD within 24 working hours and shall take all necessary steps to secure any contaminated soils or residues.

5. No work shall be covered until all required inspections have been made.

D. PERMANENT CLOSURE IN PLACE

1. Closure in place is allowed only when specified by this authorization.

2. Prior to backfill, any samples required by this approval shall be taken.

3. Upon completion of all work required above, the pretreatment facility shall be backfilled with sand, pea gravel or other approved material and compacted to within a maximum of 4 inches below grade.

4. The remaining 4 inches (minimum) shall be filled with concrete or equivalent approved material.

5. All backfill operations shall be carried out in compliance and in accordance with applicable Building Code requirements.

E. PERMANENT CLOSURE BY REMOVAL

1. Upon completion of all work required by Conditions A through C above, the pretreatment facility shall be excavated and transported to a legal point of disposal.

2. Prior to backfill, any samples required by this approval shall be taken.

3. All excavation and backfill operations shall be carried out in compliance with applicable Building Code requirements.

F. REQUIRED REPORTS

1. Within 30 days of the date of closure, the applicant shall furnish EPD a closure report describing all work done, results of any required sampling, disposition of any contaminated soils or materials found and evidence of compliance with Conditions B1, B2, B3, C4, D2, E1 and E2.

2. The closure report shall include any additional requirements made a part of this approval.

3. The closure report shall be submitted to:

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA CA 91803-1331

COMPLETE THE ATTACHED CERTIFICATION OF COMPLIANCE WITH LOS ANGELES COUNTY LOBBYIST ORDINANCE

Received: 10/27/00 13:18; -> Wohl Property Group; Page 3
Oct.27. 2000 12:20PM 7146880216 No.3852 P. 3/3

INSPECTION NOTIFICATION REQUIREMENTS

Pursuant to Los Angeles County Code, Section 20.36.220, and the Conditions and Limitations of the attached Industrial Wastewater Pretreatment Facilities Closure Authorization, you are required to complete the following notifications indicated below within the time period specified prior to commencement of work on this closure.

ALL REQUIRED PLUMBING AND/OR SEWER ABANDONMENT PERMITS, SHALL BE OBTAINED FROM THE BUILDING OFFICIAL (APPROPRIATE CITY OR COUNTY) PRIOR TO CAPPING ANY DRAINS, SEWER OR PRIVATE SEWER SYSTEM.

72 HOURS - DEPARTMENT OF PUBLIC WORKS WASTE CONTROL ENGINEERING INSPECTOR:

>>Unless otherwise noted DPW inspectors are available at the following offices between 8:00 a.m. and 9:30 a.m. **ONLY**.<<

[ ] WHITTIER DISTRICT - (562) 906-8426
13523 E. Telegraph Rd., Whittier, CA 90605-3437

[ ] CENTINELA VALLEY REGION - (310) 534-4862
24320 S. Narbonne Ave., Lomita, CA 90717-1194

[ ] LENNOX DISTRICT - (310) 534-4862
24320 S. Narbonne Ave., Lomita, CA 90717-1194

[X] SAN GABRIEL VALLEY DISTRICT - (626) 574-0962
125 S. Baldwin Ave., Arcadia, CA 91007-2652

[ ] SAN DIMAS REGION - M, W, & Fri. - (626) 574-0961
- T & TH - (818) 961-9611
125 S. Baldwin Ave., Arcadia, CA 91007-2652

[ ] EAST LOS ANGELES DISTRICT - (323) 260-3466
5119 E. Beverly Blvd., Los Angeles, CA 90022-3801

[ ] CITY OF COMMERCE - (323) 887-4456
2535 Commerce Way, Commerce, CA 90040-1487

[ ] NEWHALL REGION - (661) 222-2953
23757 W. Valencia Blvd., Santa Clarita, CA 91355-2192

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN CLOSURE AUTHORIZATION REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS, AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

Maint. Dist. Outlying Dist. I File No. _____

Permit No. _____ P.C. File No. _____

Survey No. _____

INDUSTRIAL SURVEY 15425-I 16728

Firm Name: United Concrete Pipe Corporation

Address: 419 E. Arrow Hwy.

between Maine Ave and San Gabriel River

Contact: Name: John Ukropina Title Assistant Superintendant

Business and Processes: The manufacture and fabrication of concrete, reinforced concrete, and steel pipe.

FLOOR TROUGHS: Size: None Screens: _____

FLOOR DRAINS: Size: None Number: _____ Ell or Tee: _____
Open: _____ Covered: _____ Screen: _____
Location: _____

STD. TRAP: None G.Inter: None Dairy: None Other: _____

Size: Width: _____ Length: _____ Depth: _____
Width: _____ Length: _____ Depth: _____
Location: _____

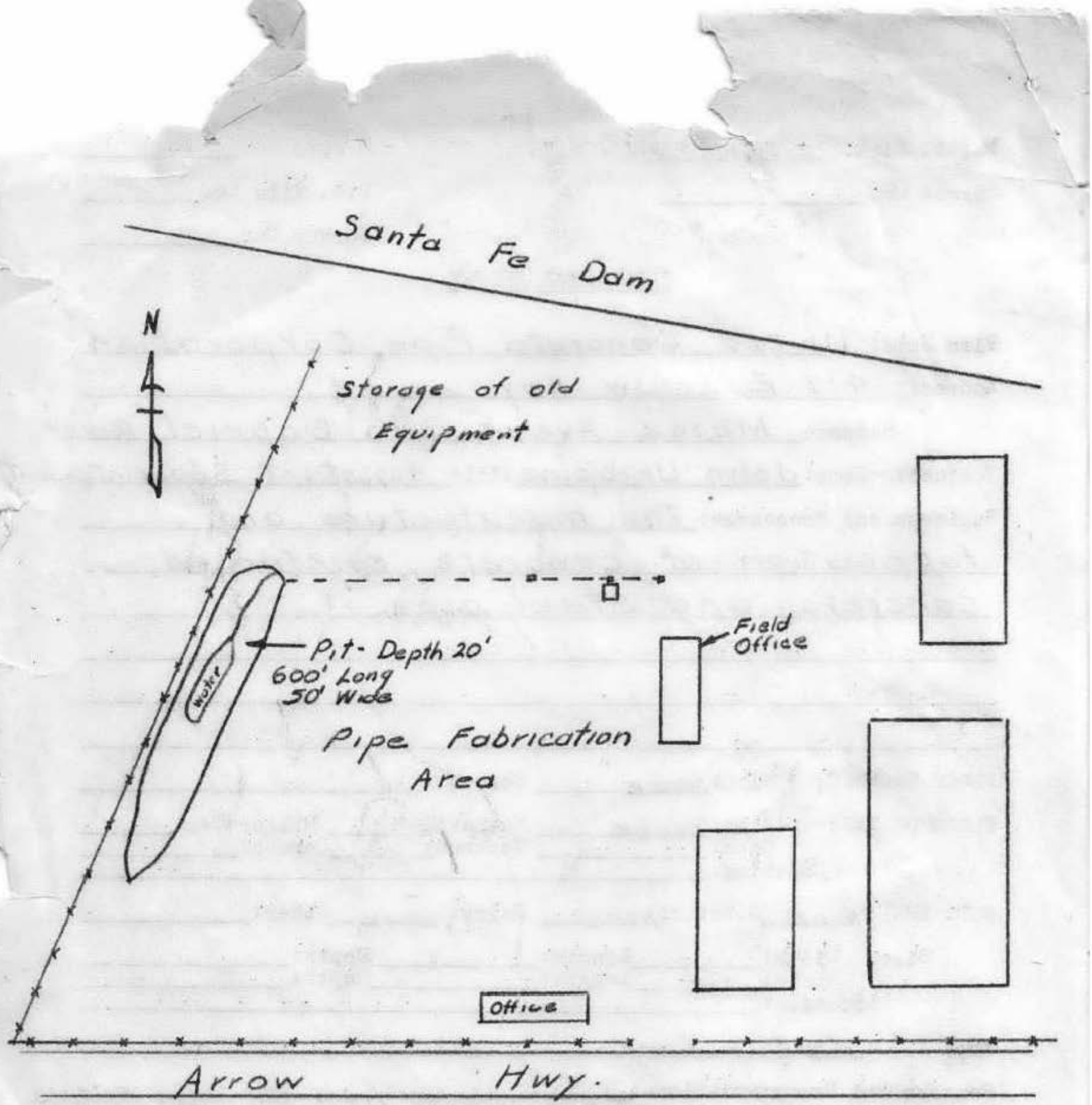
Type I.W.: CaO - Lime

Remarks and Recommendations: ~~Lime sludge from the manufacture~~ for use in steel pipe fabrication ~~of acetylene gas, is washed into a drain or sewer system that empties into a pit, where the liquid seeps into the soil. The P.H of this liquid is 11, and is being discharged at the rate of approx. 10 gal/min~~

Survey by: J. Joseph & T. Otteson Date May 25, 1949

See reverse side for: Sketch: ✓ Add'l. Notes: _____

Can't see anything injurious MMB 6/27/49


Santa Fe Dam
N
Storage of old Equipment
Pit - Depth 20'
600' Long
50' Wide
Water
Field Office
Pipe Fabrication Area
Office
Arrow Hwy.

WASTEWATER RECLAMATION
SOLID WASTE MANAGEMENT

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

1955 Workman Mill Road / Room 207 / Whittier, California
Mailing Address: P.O. Box 4998, Whittier, California 90607
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217
Hours: 7:00 a.m. - 4:30 p.m. Mon. - Thurs.
7:00 a.m. - 3:30 p.m. Fri.

CHARLES W. CARRY
Chief Engineer and General Manager

Account No.: 1956045
District No.: 22

SEWERAGE SYSTEM CONNECTION FEE

Complete Items 1 through 10 — PLEASE TYPE OR PRINT

Date: ___ / ___ / ___ (MONTH) (DAY) (YEAR)

1. Property Owner
2. Facility Name Hughes Market, Inc.
3. Address of Property 14005 Live Oak Avenue (STREET) Irwindale (CITY) CA (STATE) 91706 (ZIP)
   Major Cross Streets
4. Contact Norb Parsoneault Phone Number: (213) 227-8211
5. Mailing Address (IF DIFFERENT FROM ABOVE) 2716 San Fernando Rd (STREET) Los Angeles (CITY) CA (STATE) 90065 (ZIP)
6. County Assessor Map Book, Page, and Parcel Number: 8535 - 001 - 008
7. Structure is: ☐ Proposed ☐ Existing, Date of Construction
8. User Category and Units of Usage: *(Check the appropriate box and provide the applicable information)*

a. Residential:	☐ Single Family Home(s) Tract # Lots	► Number of Units:
	☐ Duplex ☐ Triplex ☐ Fourplex	► Number:
	☐ Five Units or More	► Number of Units:
	☐ Mobile Home Park	► Number of Spaces:
	☐ Condominium	► Number of Units:
b. Commercial:	☐ Hotel/Motel	► Number of Rooms:
	☐ Convalescent Hospital/Home for the Aged	► Number of Beds:
	☐ Other (Specify):	► Improvement Square Footage:
c. Institutional:	☐ College/University	► Number of Students:
	☐ Private School	► Improvement Square Footage:
	☐ Church	► Improvement Square Footage:
d. Industrial:	☐ All Categories	► All industrial dischargers must obtain a permit for industrial wastewater discharge.

9. **In order to process this application a complete set of architectural blue prints must be submitted. This is not required for conversion from septic tank to sewer connection.**
10. **I certify that the information provided in this application is true and correct to the best of my knowledge.**

☐ OWNER
☐ AGENT FOR OWNER

(SIGNATURE) (DATE)

Please pay by check or money order only. **(Cash will not be accepted.)**
Make checks payable to: COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY.
Returned checks will be subject to a penalty.

FEE CALCULATION FOR RESIDENTIAL, COMMERCIAL, AND INSTITUTIONAL CATEGORIES

Number of Units of Usage		Connection Fee Per Unit of Usage		Connection Fee
0	x	$ 1230.00	=	$ 0

SPECIAL CREDITS (Only If Applicable)
☐ DEMOLITION CREDIT*
☐ CHANGE IN USE CREDIT*
☐ AD VALOREM TAX CREDIT
Annexation Date ___

*In order to receive credit, proof of demolition or former use must be submitted with your application (e.g. Demolition Permits, original plans). — $

(If Less Than Zero, Enter Zero) $ 0
Connection Fee Due

FEE PAYMENT RECEIVED: *(For Districts' Use Only)* Processed by: MM
From: ___ D.C. ☐ Yes ☐ No Approved by: [signature]
Amount: $ ___ Ck. No. ___ Permit No.: ___ Date: 4-3-92

WHITE COPY — COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
YELLOW COPY — BUILDING DEPARTMENT
PINK COPY — APPLICANT
DO NOT SEPARATE

FN 789

HUGHES MARKETS, INC. LOS ANGELES, CALIFORNIA 90065

INVOICE	PURCHASE ORDER	INVOICE DATE	STORE	TERMS	AMOUNT
0013048		042792		05	37.00

Permit # 13048

File # I-16728-35

Date 27-APR-92

Location 14005 E. LIVE OAK AVE
IRWINDALE

Decreased on this

Mr. Kuyes,
If you still need more information, please
call me. (213) 227-8211 - EXT 6224

TICKET NEEDED
FOR CODING & POSTING

CONNIE CATANO
A/P.
7/1/92

GROSS TOTAL	TERMS	DISCOUNT AMOUNT	NET
37.00		.00 * NO DISCOUNT TAKEN	37.00

VENDOR # 0017912 CHECK DATE 05/22/92 CHECK # 480387

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

Hughes MARKETS

101885

2716 SAN FERNANDO ROAD
LOS ANGELES, CALIFORNIA 90065

UNION BANK, LOS ANGELES, CALIFORNIA
KEY BANK OF SOUTHERN MAINE
ONE CANAL PLAZA, PORTLAND, MAINE 04112

52-60
112

480387

***THIRTY SEVEN AND NO/100

PAY	DATE	CHECK NUMBER	AMOUNT
0017912	05/22/92	480387	*******37.00

PAY TO THE ORDER OF
DEPT OF PUBL WK-LA CNTY E
CASHIER UNIT
P O BOX 1460
ALHAMBRA, CA 91802

480387

005

920702057

HUGHES MARKETS, INC.

THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

⑈00480387⑈ ⑆011200608⑆ 850⑈0092 6⑈

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 15, 1992

IN REPLY PLEASE REFER TO FILE FI-7

Hughes Markets
2716 San Fernando Road
Los Angeles, CA 90065

RETURN OF CHECK

We are returning your check #480387, for the following reason:

- ☐ Check amount is incomplete
- ☐ Check amount is incorrect
- ☐ Signature is missing
- ☐ Check is not payable to Department of Public Works
- ☐ Account number is missing
- ☐ Per your request
- ☐ Per enclosed notice
- ☐ Bid date scheduled for _____, your check was received on _____, therefore, it was not in time for the bid.
- ☒ Other Need more information

If you have any questions, please call Mr. RENATO REYES at (818) 458-6399.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

CHARLES W. ADAMS
Assistant Deputy Director, Finance

RR:tm
FI-7/7-RC

Enc.

To Judy

COUNTY OF LOS ANGELES
DEPARTMENT RECEIPT

086647

DATE 3/12 19 92

PLAN CHECK FEE $
LDMA SURCHARGE $
SECURITY $
IMP. SECURITY $
FF/RF $
$

RECEIVED FROM Richard A. O'Connell $ 114.00

One Hundred Fourteen + NO/100 DOLLARS

FOR: Indust Waste Contract City Irwindale
V69 7700

CK# 142
3/10/92

C.C. NO.
R.S. NO
OTHER
TRACT NO.
PARCEL NO
76D3018 22-0064 DPW 5/87

BY DEPUTY

DEPARTMENT OF PUBLIC WORKS

CUSTOMER COPY

CARL SJABERG WMD ~

COUNTY OF LOS ANGELES
DEPARTMENT RECEIPT

101885

DATE 7-2 1992

PLAN CHECK FEE $

LDMA SURCHARGE $

TAX SECURITY $

IMP. SECURITY $

FF/RF $

$

RECEIVED FROM: Hughes Markets $37.00

Thirty seven N 0/100 DOLLARS

FOR Industrial Waste

~~AD~~ V09 - 7700

CIC 480387

920702057 5-22

C.C. NO.

R.S. NO.

OTHER

TRACT NO

PARCEL NO

76D301B 22-0064 DPW 5/87

BY M. Garcia DEPUTY

DEPARTMENT OF PUBLIC WORKS

CUSTOMER COPY

L.A. COUNTY DPW
DATE COMPILED: 10/05/93
RUN DATE: 04/02/94 09:41:42

HAZARDOUS MATERIALS SYSTEM
IW INSPECTION JOB ORDER
SCHEDULED INSPECTIONS

REPORT: HMB150.001
INSP#: I000091783
ASSC#: P000013048
PAGE: 1

FILE #: 015425-I16728 NAME: HUGHES MARKETS INC
ADD: 14005 E LIVE OAK AVE
IRWINDALE, CA 91706-1323 AREA: 3S SMD: 95
XSTREET: ARROW HIGHWAY THOMAS GUIDE: 0039-D2
CONTACT: HUMBERTO TREVIZO, SIGN DEP MGR TEL: 818 856 6050

PROC: STD SAMPLE REQUIRED? N

INSP INFO: SYSTEM IN SIGN SHOP, FILM PROCESSOR AND PORT. SILVER RECOVERY SYS. I-12 SAMPLE BOX.

PERM TYPE: I 01 OPERATING PERMIT-LOCAL SEWER STATUS: PERMITTED
JURIS: J JOINT PERMIT W/CSDLAC
INDUSTRY: 126 NON-METALS WITH CHEMICAL WASTE
FACILITY: 1A ~~RECEPTOR~~ Sample Box ONLY (~~STD I-1~~, I-12)
SIC: 5141 GROCERIES, GENERAL LINE
RDS: RDS AREA: SQ FT

	FREQUENCY	LAST PERFORMED	NEXT DUE
INSPECTION	03		04/29/94
SAMPLE	00		
SELF-MONITOR	00		

ASSGN TO: SAN GABRIEL VLY FIELD OFFICE SECT: FIELD INSPECTION UNIT

RESULTS: Sample Box: Requires cleaning; pH 7 (paper) INFN (attached)

REMARKS:

INSPECTOR: E. Ellen Goodman INSPECTION DATE: 4-13-94

DISP: S. Oh.

Poll

Hughes™

FAMILY MARKET

14005 Live Oak Ave., Irwindale, CA 917
P.O. Box 7870, Baldwin Park, CA 917
Phone (818)856-65

I-443-7A C# 57024
I-8293-4A 57026
I-8499-3M 57027
I-16728-3S 57028
I-17061-3S 57029

November 30, 1992

PLEASE REVIEW THE ATTACHED AND CHANGE YOUR RECORDS ACCORDINGLY!!

Sincerely,

HUGHES MARKETS, INC.

Daniel G. Cenci
Controller

Hughes

FAMILY MARKETS

14005 Live Oak Ave., Irwindale, CA 9170
P.O. Box 7870, Baldwin Park, CA 9170
Phone (818)856-65

NOTICE

EFFECTIVE MONDAY, OCTOBER 12, 1992, PLEASE NOTE THAT HUGHES MARKET, INC. MAIN OFFICE IS ON THE MOVE.

OUR NEW ADDRESS AND PHONE NUMBER IS AS FOLLOWS:

HUGHES MARKETS, INC.
14005 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA 91706

(818) 856-6580

WASTE MANAGEMENT DIVISION

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

P.O. BOX 1460

ALHAMBRA, CALIFORNIA 91803-1460

PRESORTED FIRST CLASS

ALHAMBRA CALIF. MAR 17'93 PB METER 6701148

U.S.POSTAGE $0.24 8

PERMITTEE MAILING ADDRESS: HUGHES MARKETS INC
2716 SAN FERNANDO RD
LOS ANGELES, CA 90065

RE1

90065-1383

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

APR 2 9 1992

IN REPLY PLEASE
REFER TO FILE
WM-1
I-16728-3S

Mr. Norb Parsoneault
Hughes Market Inc.
2716 N. San Fernando Road
Los Angeles, CA 90065
Dear Mr. Parsoneault:

INDUSTRIAL WASTEWATER DISCHARGE PERMIT(S) NO. 13048(J)

HUGHES MARKET INC.
14005 E. LIVE OAK AVENUE, IRWINDALE

Enclosed is Industrial Wastewater Discharge Permit(s) (IWDP) regulating disposal of waste from operations at the subject location. The permit(s) are issued jointly by the Sanitation Districts of Los Angeles County (SDLAC) and the local sewering agency (city or county) to satisfy permit requirements of the SDLAC Wastewater Ordinance and the local agency Industrial Waste and Sanitary Sewer Ordinance. Additional conditions and limitations have been attached to your IWDP relating to local agency requirements and are an integral part of that permit as are any approved plans submitted with your IWDP application. Your IWDP(S) or copies thereof shall be kept on the premises for which the permit(s) is issued.

Facilities under IWDP are subject to inspection by both SDLAC and the local agency. Department of Public Works Industrial Waste Inspectors perform this function for the local agency with jurisdiction over this IWDP. An Annual industrial waste inspection fee is required to maintain a valid IWDP.

If you have any questions concerning your IWDP, please contact Mr. David Esfandi of this office at (818) 458-3540, Monday through Thursday, 7:00 a.m. to 5:30 p.m.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

Carl W. Sjoberg
Chief, Industrial Waste Planning & Control
Waste Management Division

IW1/IWDP6

Enc.

cc: Sanitation Districts of Los Angeles County

SANITATION DISTRICTS OF LOS ANGELES COUNTY

Charles W. Carry, Chief Engineer and General Manager
1955 Workman Mill Road, P.O. Box 4998, Whittier, California 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

REQUIREMENT LIST

COMPANY NAME: Hughes Markets, Inc.

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO: 13048

DATE OF APPROVAL: April 2, 1992

Hughes Markets, Inc. is required to comply with all indicated items on this list as a condition of the permit approval. Satisfactory evidence of compliance with these conditions should be supplied to the Sanitation Districts where requested. Satisfactory evidence will consist of a minimum of written notification signed by a responsible company official, and in some cases may involve the submission of additional drawings and data.

1. This industrial wastewater discharge permit is issued only for the discharge of treated wastewater from photofinishing. The discharge of any other type of waste will require prior approval from the Sanitation Districts. This approved permit will expire five (5) years from the date of the accompanying transmittal letter.

2. The permittee is required to notify the Sanitation Districts of any change in the status of the subject facility, if ownership or operating responsibility changes, or if the industrial waste connection is legally abandoned.

3. A new permit application must be submitted when there is a significant change in wastewater quantity (25% or more) or quality from that given in the approved permit information. The completed application should be submitted to the local governmental agency for initial processing prior to Sanitation Districts' review. Approval must be obtained prior to any construction of new facilities.

4. Waste haulers reports must be obtained and kept on file for a period of at least 180 days for any solid wastes from the wastewater pretreatment system and liquid wastes leaving the plant other than in the sewer system. These reports must be made available to representatives of the Sanitation Districts upon request.

5. All wastewater discharged to the sewer must have a temperature lower than 140° F.

6. All industrial wastewater discharged to the sewer must not contain over 0.1 milligram/liter of dissolved sulfides.

7. The pH of the wastewater must be maintained above 6.0 at all times. Proper neutralization procedures must be observed to assure that this limit is not violated.

8. Numerical limits have been established by the Sanitation Districts for the maximum concentrations of heavy metals, and other toxic materials, permissible in an industrial discharge to the public sewers. The limits are those shown in the following list of "Industrial Wastewater Effluent Limitations." Hughes Markets, Inc. is advised that any discharge in excess of these limits requires corrective action by the discharger. Penalties applicable to violations of these limits will be strictly enforced by the Sanitation Districts.

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTEWATER LOCAL EFFLUENT LIMITATIONS
FOR JOINT OUTFALL DISTRICTS

PHASE I CONTROL PERIOD

Parameter	Limit (mg/l)*
Arsenic	3
Cadmium	15
Chromium (Total)	10
Copper	15
Lead	40
Mercury	2
Nickel	12
Silver	5
Zinc	25
Cyanide (Total)	10
Total Identifiable Chlorinated Hydrocarbons**	Essentially None

* - Maximum concentration at any time

** - Total Identifiable Chlorinated Hydrocarbons (TICH) comprise:
Aldrin and Dieldrin
Chlordane (cis & trans), trans-nonachlor, oxychlordane, heptachlor and heptachlor epoxide
DDT and derivatives: p, p', and o, p' isomers of DDT, DDD, and DDE
Endrin
HCH: sum of α, β, γ, δ isomers of hexachlorocyclohexane
Toxaphene
Polychlorinated biphenyls (PCB's)

9. The proposed sample box tank is hereby designated as the legal sampling point for Hughes Markets, Inc.. The permittee is responsible for maintaining and cleaning the sampling point to prevent any build-up of oil and grease, sediment or sludge; failure to do so does not invalidate sampling test results. Analytical results from samples taken from this location according to accepted sampling procedure shall be accepted as binding. Safe and convenient access to the sampling point must be provided for representatives of the Sanitation Districts.

10. The permittee is advised that additional industrial wastewater pretreatment equipment may be required if inspection indicates prohibited materials are discharged.

11. Any plans for changes in equipment or processes must be submitted (for approval before implementation) to the Sanitation Districts.

12. The permittee should provide trained personnel for proper operation and regular maintenance of all components of the proposed pretreatment system to ensure compliance at all times with applicable industrial wastewater effluent limits. The permittee should also maintain adequate supply of treatment chemicals as well as replacement parts for key components of the pretreatment system.

13. Self-monitoring of the industrial wastewater must be performed at the intervals indicated on the enclosed Self-Monitoring Requirement Form and reported on the Self-Monitoring Report (SMR) form. (The Districts will send the necessary SMR forms before each reporting period). All indicated analyses should be performed by a State or Sanitation Districts' certified laboratory. The certification section of the SMR form must be completed and signed by a responsible company official. For each reporting period, the completed SMR form and the corresponding laboratory report must be submitted to the Districts' Industrial Waste Permit Section no later than the due date indicated on the form. Please note that the wastewater samples analyzed must be collected in such a way that they are representative of the total discharge generated by a typical day's operations. It is the responsibility of Hughes Markets, Inc. to submit results from any additional self-monitoring, and to notify the Districts of any other toxic materials which are known to be present in the wastewater.

14. Surcharge tests of the industrial wastewater must be performed at the intervals indicated on the enclosed table of Surcharge Test Frequency and submitted annually with the wastewater treatment surcharge statement. Hughes Markets, Inc. is reminded that the surcharge testing requirements are independent of the tests for self-monitoring reports required in Item No. 13.

15. This approval of the existing pretreatment system by the Sanitation Districts is for only the general concept presented. The proper maintenance and operation of the system is the responsibility of the permittee and his contractors.

16. There are substances that are much less toxic than glycol ether, and just as effective. Hughes Markets, Inc. has 45 days to investigate the possibility of using an alternative product. A report describing the alternatives and plans for waste minimization must be submitted to Mischelle Mische of the Industrial Waste Section at the Sanitation Districts within 45 days from the date of the accompanying transmittal letter.

17. The existing floor drain shall have grated covers with 3/8" maximum openings to prevent larger particles from clogging the sewer.

18. Construction of the proposed treatment units must be completed within 90 days of the accompanying transmittal letter.

19. A letter notifying the Sanitation Districts upon completion of the above requirement must be submitted.

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTE SECTION
P. O. BOX 4998
WHITTIER, CA 90607

SELF-MONITORING REQUIREMENTS

(Significant Noncategorical Industrial User)

Date April 2, 1992
Firm Name Hughes Markets, Inc.
Situs Address 14005 Live Oak Avenue
Irwindale, CA 91706
Contact Person Norb Parsoneault
Telephone No. (213) 227-8211

Permit No. 13048
Account No. 1956045
District No. 22
SIC No. 5141
Annual Flow (MGY) 1.10

WASTEWATER CHARACTERISTICS TESTING REQUIREMENT

Frequency of Analysis - Once per every three months.

Self-monitoring of industrial wastewater is required as a condition of your industrial wastewater discharge permit. Samples must be collected and preserved in accordance with 40 CFR 136 and analyzed by a Sanitation Districts' or State Department of Health Services' certified laboratory. Test parameters are in Table 1. Self-monitoring results must be reported on the Self-Monitoring Report form provided.

The Self-monitoring Report form and the appropriate laboratory analysis sheet(s) must be submitted in accordance with the dates listed in Table 2. Both the Self-monitoring Report form and the laboratory analysis sheet(s) must be submitted. Self-monitoring Report forms for each reporting period will be distributed one month prior to the beginning of the reporting period. Failure to submit self-monitoring data as required will result in the initiation of enforcement action against your company.

TABLE 1 -REQUIRED WASTEWATER CHARACTERIZATION TESTS

Test Code	Test Parameter	Unit	Limit (mg/l)	Type of Sample
Z01	Total Wastewater Flow Rate	GPD	--	Not Applicable
403	Chemical Oxygen Demand (COD)	mg/l	--	24-hr. Composite
151	Suspended Solids	mg/l	--	24-hr. Composite
101	pH	pH units	>6	Grab
252	Sulfides-Dissolved	mg/l	0.1	Grab
722	Silver	mg/l	5	24-hr. Composite

TABLE 2: SELF-MONITORING REPORTING SCHEDULE[1]		
Analysis Frequency	**Reporting Period**	**Due Date[2]**
Once per year	January 1 -December 31	January 15 (the following year)
Once per 6 months	January 1 - June 30 July 1 - December 31	July 15 January 15
Once per 3 months	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 15 July 15 October 15 January 15
Once per month	Day 1 - Day 31 of the month	Day 15 (the following month)

[1] The laboratory data sheet(s) for each analysis performed during the reporting period must be included with the Self-monitoring Report form. However, only the results from the most recent sample collected during the reporting period should be recorded on the Self-monitoring Report form.

[2] The Self-monitoring Report form may be submitted before the due date as long as the sample is taken during the appropriate reporting period.

SURCHARGE TEST REQUIREMENTS

Industrial users participating in the Sanitation Districts' Surcharge Program may be subject to additional self-monitoring requirements besides those specified in the permit conditions. Surcharge testing parameters include Chemical Oxygen Demand (COD) and suspended solids (SS). For companies that file Long Form Surcharge Statements, the testing frequency for COD and SS is based on flow as shown in Table 4 below. Surcharge wastewater analyses must adequately represent the average daily discharge to the sewer system and the results must be submitted annually with the wastewater treatment surcharge statement in accordance with each year's "Instruction for Filing a Long Form Wastewater Treatment Surcharge Statement." **Surcharge test requirements are independent of the self-monitoring report requirements.**

TABLE 4:
SURCHARGE TESTING FREQUENCY FOR COD AND SS
(Must be 24-hour Composite Samples)

Yearly Cumulative Flow from Each Outlet (in million gallons)	**Required Testing Frequency**
Less than 15.0	1 sample per 3 months
15.01 to 40.00	1 sample per 2 months
40.1 to 100.0	1 sample per month
100.1 to 250.00	1 sample per week
More than 250.0	2 samples per week

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-4998
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (213) 699-7411, (213) 685-5217, Fax: (213) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

INDUSTRIAL WASTE REVENUE PROGRAM

The County Sanitation Districts of Los Angeles County have implemented two revenue programs to cover capital improvements, operation and maintenance of the sewerage system. These two programs are known as the Wastewater Treatment Surcharge Program and the Connection Fee Program. Each program has its own guidelines and criteria that are associated to the applicability of the discharging company. The following summary is to assist in evaluating the required fee that may be imposed upon your company.

WASTEWATER TREATMENT SURCHARGE PROGRAM:

This is an annual fee for wastewater collection, treatment and disposal services. All industrial companies discharging more than one million gallons of wastewater to the public sewerage system during the fiscal year (July 1 through June 30) are required to file and pay an annual Wastewater Treatment Surcharge Statement. There are three forms available:

1. Short Form Surcharge Statement: To be filed by companies discharging from 1 to 6 million gallons of wastewater per fiscal year.

2. Long Form Surcharge Statement: To be filed by companies discharging more than 6 million gallons of wastewater per fiscal year.

3. Hospital User Charge Statement: To be filed by acute care surgical and acute care psychiatric hospitals.

CONNECTION FEE PROGRAM:

This fee is used for capital improvements and is levied on all industrial companies who wish to be connected to the sewerage system or those companies who increase their discharge by more than 25 percent. For those companies newly connecting to the Districts' sewerage system, this fee must be paid prior to making the connection. For those companies increasing their burden on the sewerage system, a connection fee is to be paid at the time of the increase.

If you have any questions concerning the wastewater treatment or connection fee programs please call the Districts' Industrial Waste Section at extension 2600.

Recycled Paper

SECTION 1.03 – AUTHORITY

The District is empowered to fix fees or charges for the privilege of connecting, directly or indirectly, to its sewerage system and to prescribe, revise, and collect fees, tolls, rates, rentals, or other charges for services and facilities furnished by it.

SECTION 1.04 – ADDITIONAL REVENUE

The revenue provided for hereby shall be in addition to all revenue otherwise collected by or on behalf of the District including, but not limited, to ad valorem taxes, federal and state grants and loans, contract revenue, investment income, annexation fees, service charges, and charges imposed under the District's Wastewater Ordinance.

SECTION 1.05 – ADMINISTRATION

The Chief Engineer shall administer, implement, and enforce the provisions of this Ordinance. Any powers granted to or duties imposed on the Chief Engineer may be delegated by the Chief Engineer to persons acting in the beneficial interest of, or in the employ of the District.

SECTION 1.06 – VALIDITY

If any part, section, subsection, paragraph, sentence, clause or phrase of this Ordinance is held invalid or unconstitutional for any reason by any court, that decision does not affect the validity or constitutionality of the remainder of this Ordinance. The Board of Directors declares that it would have adopted each provision of this Ordinance irrespective of the validity of any other provision.

SECTION 1.07 – SUPERSEDENCE

This Ordinance shall supersede the *Connection Fee Ordinance for County Sanitation District No. 22 of Los Angeles County* adopted on December 15, 1983, with respect to any rights, duties, or privileges arising after the effective date of this Ordinance.

SECTION 1.08 – EFFECTIVE DATE

This Ordinance shall become effective on July 1, 1990.

PART II - DEFINITIONS

This Ordinance shall be construed according to the following definitions:

SECTION 2.01 – ADDED BURDEN

An added burden shall mean any of the following:

(1) A connection, direct or indirect, to the sewerage system for the first time of any structure located on a parcel(s) of land within the District.

(2) An existing connection from a parcel where the number of capacity units attributable to said parcel has been increased due to construction of additional dwelling units or change in land usage.

(3) An existing connection from a parcel from which industrial wastewater is discharged where the number of capacity units attributable to said parcel on a fiscal year basis has increased by more than 25 percent as determined in accordance with Section 3.03 of this Ordinance.

An existing connection from a commercial or institutional parcel where the number of capacity units attributable to said parcel has increased by more than 25 percent.

If more than one independently owned operation exists on a single parcel, an added burden shall also mean an existing connection where the number of capacity units attributable to an independently owned operation has increased by more than 25 percent.

If an independently owned operation or separate operations under single ownership span(s) two or more contiguous parcels, the 25 percent increase shall be measured against the total number of capacity units attributable to the operation(s).

SECTION 2.02 – BOARD OF DIRECTORS

Board of Directors shall mean the Board of Directors of County Sanitation District No. 22 of Los Angeles County.

SECTION 2.03 – CAPACITY UNIT

Capacity unit shall mean the burden in terms of capacity that a typical single family home places on the sewerage system based on flow, chemical oxygen demand, and suspended solids.

SECTION 2.04 – CHIEF ENGINEER

Chief Engineer shall mean the Chief Engineer and General Manager of County Sanitation District No. 22 of Los Angeles County or his duly authorized deputy or agent.

SECTION 2.05 – COD OR CHEMICAL OXYGEN DEMAND

COD or chemical oxygen demand shall mean the measure of chemically decomposable material in wastewater as represented by the oxygen utilized as determined by the procedures specified in Section 414(A) of the Wastewater Ordinance.

SECTION 2.06 – DISTRICT

District shall mean County Sanitation District No. 22 of Los Angeles County.

SECTION 2.07 – DOMESTIC WASTEWATER

Domestic wastewater shall mean the water carried wastes produced from non-industrial activities and which result from normal living processes irrespective of where these wastes are discharged to the sewerage system. The term *Domestic Wastewater* shall be synonymous with the term *Sanitary Flow*.

SECTION 2.08 – INDUSTRIAL WASTEWATER

Industrial wastewater shall mean all liquid carried wastes of the community excluding domestic wastewater, rainwater, groundwater, stormwater, and drainage of contaminated and uncontaminated water. Industrial wastewater may include all wastewater from any producing, manufacturing, processing,

institutional, commercial, agricultural, or other operation where the wastewater discharged includes significant quantities of wastes of nonhuman origin. All liquid wastes hauled by truck, rail, or another means for disposal to the sewer shall be considered as industrial wastewater regardless of the original source of the wastes. Hauled domestic wastewater is included in the category of industrial wastewater. Discharges of rainwater, groundwater, stormwater, or discharge of contaminated and uncontaminated water approved by the Chief Engineer shall be considered industrial wastewater under this Ordinance.

SECTION 2.09 – JOINT OUTFALL DISTRICTS

Joint Outfall Districts shall mean those Districts signatory to an agreement providing for the ownership and operation of a Joint Outfall System. The current Joint Outfall Districts are South Bay Cities Sanitation District of Los Angeles County, and County Sanitation Districts Nos. 1, 2, 3, 5, 8, 15, 16, 17, 18, 19, 21, 22, 23, and 29 of Los Angeles County.

SECTION 2.10 – LOCAL AGENCY

Local agency includes the County of Los Angeles; a city, whether general law or chartered; a school district; a community redevelopment agency; a municipal corporation; a district; or any board, commission, or agency thereof.

SECTION 2.11 – LOCAL GOVERNMENTAL PARCEL

Local governmental parcel shall mean any parcel which is not subject to the surcharge payment requirement provided for in the District's Wastewater Ordinance and which is owned by a local agency; provided that such parcel is used for a governmental rather than proprietary function and which use is for the direct benefit of the public in general and not for the benefit of a single class or classes of individuals.

SECTION 2.12 – NEXT ANTICIPATED CONFIGURATION

Next anticipated configuration shall mean:

(1) The treatment plant configuration of the next anticipated expansion, provided that facilities for which equivalent upgrades will be constructed at the District's existing treatment plant(s) to make their configuration the same as the anticipated expansion shall not be included; and

(2) An exact replication of the existing sewer system.

SECTION 2.13 – PARCEL

Parcel shall mean real property upon which an assessment is made.

SECTION 2.14 – PERSON

Person shall mean any individual, partnership, committee, association, corporation, public agency, and any other organization or group of persons, public or private.

SECTION 2.15 – MASTER SERVICE CHARGE ORDINANCE OF COUNTY SANITATION DISTRICT NO. 22 OF LOS ANGELES COUNTY

Master Service Charge Ordinance of County Sanitation District No. 22 of Los Angeles County shall mean an Ordinance prescribing fees, tolls, rates, rentals, or other charges for services and facilities furnished by, or available from, County Sanitation District No. 22 of Los Angeles County, and providing for the collection of such charges.

SECTION 2.16 – SEWERAGE SYSTEM

Sewerage system shall mean the network of wastewater collection, conveyance, treatment, and disposal facilities which are interconnected by means of sewers or any part thereof and either owned in whole or in part by the District or as to which the District has a contractual right of use for which it is obligated to make payment.

SECTION 2.17 – SUSPENDED SOLIDS

Suspended solids shall mean the insoluble solid matter suspended in wastewater under conditions normally found in the sewer that is separable by laboratory filtration in accordance with the procedures specified in Section 414(A) of the Wastewater Ordinance.

SECTION 2.18 – UNIT OF USAGE

Unit of usage shall mean the basic unit of measure which quantifies the degree of use of a particular parcel (e.g., dwelling unit, square footage). Square footage of an improvement shall be based upon the gross exterior dimensions of the structure.

SECTION 2.19 – USER CATEGORY

User category shall mean the specific land use classification for a particular parcel which is defined in terms of its use (e.g., single family home, restaurant).

SECTION 2.20 – WASTEWATER

Wastewater shall mean the liquid carried wastes of the community and all constituents and residues thereof. Wastewater includes domestic and industrial wastewater but does not include rainwater, groundwater, stormwater, or drainage or other water unless otherwise specified in Section 2.08.

SECTION 2.21 – WASTEWATER ORDINANCE

Wastewater Ordinance shall mean the Ordinance providing for the administration of an industrial wastewater control system, for the regulation of sewer construction and sewer use, for the imposition of permit requirements for industrial wastewater dischargers, for the prohibition, regulation, and/or pretreatment of industrial wastewaters, for the imposition of fees and charges, for the distribution of revenue, for the implementation of federal and state pollution control regulations, and for the implementation of other methods of controlling and regulating the discharge of wastewaters as adopted by the County Sanitation Districts of Los Angeles County effective on April 1, 1972, and as amended effective on July 1, 1975, July 1, 1980, July 1, 1983 and November 1, 1989 and as thereafter amended.

PART III - FEES

SECTION 3.01 – CONNECTION FEES

No person shall impose an added burden, as herein defined, to the sewerage system from any parcel within the boundaries of the District until an application for sewer connection has been made and approved by the District and a connection fee has been paid to the District. Local governmental parcels as defined in Section 2.11 shall not be subject to a connection fee under this Ordinance.

Any person imposing an added burden shall pay a connection fee in accordance with this Ordinance. With respect to discharges which constitute an increase in the existing strength and/or quantity of wastewater attributable to a particular parcel or operation already connected, the connection fee shall be based on the increase in anticipated use of the sewerage system.

SECTION 3.02 – CALCULATION OF THE CONNECTION FEE RATE

The total capital cost required to construct an incremental expansion of the sewerage system of the next anticipated configuration shall be determined by the Chief Engineer. In addition, he shall calculate the number of capacity units which can be accommodated by the incremental expansion. He shall then divide the former value by the latter value. The resulting value shall be known as the capital improvement component of the connection fee rate.

The Chief Engineer shall also determine the cash reserves that will be available on July 1 of the same fiscal year in which the connection fee rate is effective. This number shall be divided by the total number of existing sewage units in the District as determined in accordance with the Master Service Charge Ordinance of County Sanitation District No. 22 of Los Angeles County. The resulting figure shall then be added to the service charge rate as adopted by the Board of Directors pursuant to the Master Service Charge Ordinance of County Sanitation District No. 22 of Los Angeles County for the same fiscal year in which the connection fee rate is effective. The total resulting value shall be converted into dollars per capacity unit on the basis that one sewage unit is equivalent to one capacity unit and shall be known as the operational cost component of the connection fee rate.

The sum of the capital improvement and operational cost components shall be known as the connection fee rate. The Board of Directors of the District shall from time to time adopt this connection fee rate to be utilized in Section 3.03 (1) hereof.

SECTION 3.03 – CALCULATION OF THE CONNECTION FEE

(1) The connection fee for any parcel within the Districts boundaries imposing an added burden to the sewerage system shall be based on anticipated use and shall equal the product of the estimated number of capacity units which will result from the added burden, as determined in paragraph (2) of this section, and the connection fee rate determined pursuant to Section 3.02 hereof.

For parcels which are subject to the surcharge payment requirement provided for in the District's Wastewater Ordinance, the connection fee shall be calculated according to Section 3.03(1) above except that the connection fee rate as determined in Section 3.02 shall not include the service charge rate.

(2) The anticipated use of the sewerage system shall be calculated in terms of capacity units (CU).

The number of capacity units (CU) shall be determined by the following formula:

$$CU = X \left[\frac{FLOW_c}{FLOW_{sfh}}\right] + Y \left[\frac{COD_c}{COD_{sfh}}\right] + Z \left[\frac{SS_c}{SS_{sfh}}\right]$$

where:

X = The proportion of the total capital costs required to construct an incremental expansion of the sewerage system of the next anticipated configuration for conveyance, treatment, and disposal of wastewater which is attributable to flow.

Y = The proportion of the total capital costs required to construct an incremental expansion of the sewerage system of the next anticipated configuration for conveyance, treatment, and disposal of wastewater which is attributable to COD,

Z = The proportion of the total capital costs required to construct an incremental expansion of the sewerage system of the next anticipated configuration for conveyance, treatment, and disposal of wastewater which is attributable to suspended solids,

$FLOW_{sfh}$ = Average flow of wastewater from a single family home in gallons per day,

COD_{sfh} = Average loading of COD in the wastewater from a single family home in pounds per day,

SS_{sfh} = Average loading of suspended solids in the wastewater from a single family home in pounds per day,

$FLOW_c$ = Flow of wastewater which will enter the sewerage system via the connection in gallons per day,

COD_c = Loading of COD which will enter the sewerage system via the connection in pounds per day,

SS_c = Loading of suspended solids which will enter the sewerage system via the connection in pounds per day,

and where:

$FLOW_{sfh}$, COD_{sfh}, SS_{sfh}, X, Y, and Z shall be determined from time to time by the Chief Engineer in accordance with accepted engineering standards and shall be adopted by the Board of Directors.

(3) For the purpose of determining the number of capacity units attributable to a parcel from which no industrial wastewater is discharged, flow, COD, and suspended solids loadings shall be based on the following:

(a) The Chief Engineer shall determine the user category that best represents the intended use of the parcel.

(b) The mean loadings per unit of usage corresponding to the appropriate user category shall be multiplied by the number of units of usage that will be located on the parcel to determine the total loadings attributable to the parcel.

(c) A list of user categories and associated mean loadings per unit of usage shall be adopted from time to time by the Board of Directors of the District. The mean loadings per unit of usage for flow in gallons per day, COD in pounds per day, and suspended solids in pounds per day shall be based upon the best data currently available, including updated sampling information and data from other jurisdictions and publications.

(4) For the purpose of determining whether the number of capacity units attributable to a commercial or institutional parcel has increased by more than 25 percent, the existing number of capacity units shall be based upon the units of usage of the parcel existing immediately prior to construction of the improvement or other occurrence that brought about the increased use. If a prior connection fee application had been approved by the District, the existing number of capacity units shall be based upon the highest number of capacity units for which a connection fee application had been approved.

(5) For the purpose of determining the number of capacity units attributable to a parcel from which industrial wastewater is discharged, flow, COD and suspended solids loadings shall be based on the following, including the estimated sanitary wastewater loadings:

(a) For new dischargers, information contained in the Permit for Industrial Wastewater Discharge as defined in the Wastewater Ordinance, or

(b) For existing dischargers, information contained in the current surcharge statement or in any surcharge statement revised as a result of a District audit as provided for in the Wastewater Ordinance or an approved revised Permit for Industrial Wastewater Discharge, or other credible information, including District's monitoring data.

(6) For the purpose of determining whether the number of capacity units attributable to such industrial parcel has increased by more than 25 percent, a baseline number of capacity units upon which to measure an increase shall be based on the highest of the following:

(a) The highest number of capacity units for which a connection fee has been paid, and

(b) The highest number of capacity units for which surcharge payments were made in accordance with the Wastewater Ordinance for fiscal years 1976-77 through 1981-82. An industrial discharger shall have the right to increase its baseline number of capacity units upon:

i) Demonstration to the reasonable satisfaction of the Chief Engineer that the actual discharge was greater than reported in any of the above specified fiscal years; and

ii) The payment with penalty and interest, as provided for in the Wastewater Ordinance, of any additional surcharge that would have been payable under the Wastewater Ordinance had such discharger accurately reported its flow, suspended solids, and COD loadings for any such years including subsequent years, or

(c) The number of capacity units based on water consumption or other credible information for dischargers whose yearly flow does not exceed one million gallons.

The Chief Engineer may, at any time after connection, verify the actual flow, COD, and suspended solids attributable to the added burden. Should a discrepancy exist between measured quantities and the reported quantities of flow, COD, and suspended solids upon which the connection fee had been based, the owner of the parcel shall, upon written notification, pay to the District the difference between the connection fee paid and the amount due on the basis of the verified quantities.

(7) If the number of capacity units attributable to an operation which discharges industrial wastewater has increased by more than 25 percent, the discharger may make an election to demonstrate to the reasonable satisfaction of the Chief Engineer that a modification including operational modification, conservation, or pretreatment will alter the number of capacity units attributable to that business operation to a level which would constitute a 25 percent or less increase.

An election to demonstrate a reduction in the number of capacity units attributable to the business operation must be made in writing to the Chief Engineer within 45 days of mailing or personal service of the notice of charges. A written election under this subsection shall be accompanied by a surety bond, irrevocable letter of credit, assignment of certificate of deposit or such other security as may be approved by the Chief Engineer in such amount as the Chief Engineer determines will reasonably assure payment of the connection fee that will be due in the event the modification has not resulted in the required reduction in the number of capacity units as prescribed above within the demonstration period.

The next full fiscal year, July 1 through June 30, inclusive, which occurs after an election to demonstrate is made shall be the demonstration period upon which a determination of a 25 percent or less increase in the number of capacity units is made. The demonstration shall be based on discharge data for this period. The Chief Engineer may extend the demonstration period provided the applicant can substantiate a necessity for additional time and has requested an extension prior to July 1 of the demonstration year.

At the conclusion of the demonstration period, the Chief Engineer shall evaluate all pertinent data and make a determination as to whether the modification has resulted in the reduction prescribed above.

Upon demonstration that the number of capacity units attributable to the parcel has been reduced to a 25 percent or less increase over the established baseline, the surety bond shall be exonerated or other form of security returned to the discharger.

In the event that the modification has not resulted in the required reduction prescribed above, the applicable connection fee will be based on the connection fee rate effective July 1 of the fiscal year immediately following the demonstration period. This fee will be immediately due and payable upon mailing or personal service of a notice of charges. Unless the connection fee is immediately paid to the District, the District shall utilize the security provided by the discharger to meet such obligation. To the extent that the security is insufficient to pay for the connection fee due, penalty and interest shall accrue in the amounts specified in Section 3.06, 10 days after mailing or personal delivery of a notice of insufficiency provided, however, that the basic penalty of 10% shall accrue immediately upon mailing or personal service of such notice.

AN ORDINANCE PRESCRIBING FEES FOR THE PRIVILEGE OF CONNECTING ANY PARCEL WITHIN THE BOUNDARIES OF COUNTY SANITATION DISTRICT NO. 22 OF LOS ANGELES COUNTY DIRECTLY OR INDIRECTLY TO THE SEWERAGE SYSTEM, OR FOR INCREASING THE STRENGTH AND/OR QUANTITY OF WASTEWATER ATTRIBUTABLE TO A CONNECTED PARCEL WITHIN THE DISTRICT, AND PROVIDING FOR THE COLLECTION OF SUCH CHARGES.

THE BOARD OF DIRECTORS OF COUNTY SANITATION DISTRICT NO. 22 OF LOS ANGELES COUNTY ORDAINS AS FOLLOWS:

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PART I - GENERAL PROVISIONS

SECTION 1.01 -- SHORT TITLE

This Ordinance shall be known as the *Master Connection Fee Ordinance of County Sanitation District No. 22 of Los Angeles County* and may be cited as such.

SECTION 1.02 -- PURPOSE

The purpose of this Ordinance is to impose charges for the privilege of connecting a parcel within the District, directly or indirectly, to the District's sewerage system as hereinafter defined or for increasing the strength and/or quantity of wastewater attributable to a connected parcel, and to provide for collection of said charges. Funds derived under this Ordinance from the capital improvement portion of the connection fee shall be used only for expansion of capital facilities.

permit review process that the existing discharge has exceeded the permitted capacity by more than 25 percent, a bill will be submitted and issuance of the revised permit will not occur until the connection fee payment has cleared. The connection fee payment is due within 45 days from the date of transmittal.

For connection fees triggered by an annual surcharge filing or audit, a preliminary notification letter is first sent to the discharger which addresses the circumstances of the pending charges. The letter establishes a short comment period which allows the discharger time to present additional information or to set up a conference with Districts' staff to answer questions. The notification letter also advises the discharger of the option to demonstrate a reduction in discharge rather than paying a connection fee, if the discharger believes that modifications to operational procedures or implementation of conservation measures will reduce the discharge to within 25 percent of the existing baseline. Following the comment period, the charges are formalized and a billing is submitted for payment within 45 days. After this deadline, if payment or a properly executed election to demonstrate agreement is not received, an immediate penalty of ten percent is applied to the connection fee and the election to demonstrate option is forfeited. A second billing including the penalty is then submitted for payment within 30 days. If payment is not received by the deadline a secondary penalty of one and one-half percent per month is assessed on the total delinquent connection fee including the initial ten percent penalty until payment is made.

If a company elects to demonstrate a discharge reduction, notification must be submitted in writing and accompanied by a surety bond, letter of credit or certificate of deposit. The security submitted will be based on the current connection fee multiplied by a growth factor which will account for any rate changes which may occur during the demonstration period. The demonstration period is the next full fiscal year which occurs after an election to demonstrate is made. The demonstration is to be evaluated strictly on discharge data for the selected fiscal year. After the fiscal year is over, if the data show that the demonstration was successful (i.e., the capacity units are within 25 percent of the established baseline), the security is returned to the discharger. If the demonstration is not successful, the connection fee will be based on the rate in effect July 1 of the fiscal year immediately following the demonstration period.

For questions regarding the Connection Fee Program, please refer to your District's specific Connection Fee Ordinance or contact the Industrial Waste Section at (213) 699-7411, extension 2600.

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SECTION 3.04 – CREDITS

(1) A credit shall be allowed with respect to new construction replacing a demolished building provided said building had been connected to the sewerage system and was demolished subsequent to December 15, 1981 or with respect to a change in use of a building which had been connected to the sewerage system.

The credit for a demolished building for which no connection fee has been paid shall be equal to the connection fee that would have been paid with respect to the most recently demolished building under the terms of this Ordinance and based on the current connection fee rate.

The credit for a change in use of a building which had been connected to the sewerage system but for which no connection fee had been paid shall be based upon the units of usage existing immediately prior to construction of the improvement or occurrence that brought about the increased use and the current connection fee rate.

If a demolished building or a building for which there was a former use had a prior connection fee application approved by the District, the credit provided for above shall be based upon the highest number of capacity units for which a connection fee application had been approved and the current connection fee rate.

The applicant shall demonstrate to the reasonable satisfaction of the Chief Engineer the user category and the number of units of usage applicable to a demolished building or a building for which there was a former use, and whether or not such building was connected to the sewerage system. The credits provided above shall be applicable only to the specific parcel upon which the demolition has occurred and may be allocable by the owner of such parcel if more than one building is being connected.

In no case shall the credit exceed the connection fee.

(2) A credit against the connection fee shall be allowed with respect to any facility to be connected which was constructed and was located within the District prior to March 1, 1977, but has never been connected to the sewer. The amount of the credit shall be equal to the capital improvement portion of the connection fee.

In no case shall the credit exceed the connection fee.

(3) If the Chief Engineer finds that, under certain circumstances, the transfer to a different parcel of a business operation discharging industrial wastewater does not impose any additional burden on the sewerage system, a relocation credit may be provided.

A relocation credit shall be allowed for the relocation to a different parcel of a business operation discharging industrial wastewater upon the following requirements being met:

(a) That essentially the same business operation has been transferred from one parcel to another and such operation was previously connected directly or indirectly to the sewerage system.

(b) That the person responsible for the establishment of the connection fee entitlement or the successor in interest is the same person now making claim to a relocation credit.

(c) That the discharger has demonstrated to the satisfaction of the Chief Engineer that the business operation has been abandoned from the parcel from which the transfer has occurred or has presented a certification in writing that such business operation will be abandoned within 6 months of the District approving an application for connection.

(d) That the Chief Engineer has made a determination that there is adequate capacity in the sewerage system to accommodate connection of the business operation to be transferred.

The relocation credit shall be based upon the difference between the number of capacity units which would be attributable to the business operation prior to transfer had it been located in the District and the number of capacity units which would be attributable to the business operation had it been classified under the user category "dry manufacturing."

Any parcel from which a business operation was transferred and which operation was provided a relocation credit shall have remaining the number of capacity units attributable to the user category "dry manufacturing."

Should the facility not be abandoned within the prescribed period above, the relocation credit shall be revoked and a connection fee with respect to the parcel to which the business operation was transferred shall be due and payable as of the date said parcel was connected to the sewerage system. The connection fee shall equal the product of the number of capacity units upon which the relocation credit was based and the current connection fee rate plus penalty and interest.

Relocation credits shall not be provided to dischargers who have abandoned a parcel for more than 6 months and a subsequent operation has initiated a wastewater discharge on that parcel.

SECTION 3.05 – IMPOSITION AND PAYMENT OF CONNECTION FEE

Payment of the connection fee shall be made prior to the time of imposition of an added burden as that term is defined in Section 2.01 of this Ordinance and before the issuance of a sewer connection permit by the local agency having jurisdiction over land development.

The connection fee shall be paid to the District either in person at the Joint Administration Office of the County Sanitation Districts of Los Angeles County located at 1955 Workman Mill Road, Whittier, California or through the mail by sending the application form and appropriate payment to the County Sanitation Districts of Los Angeles County, P.O. Box 4998, Whittier, CA 90607.

SECTION 3.06 – PENALTY AND INTEREST CHARGES FOR DELINQUENT CONNECTION FEE PAYMENT

Unpaid charges shall become delinquent 45 days after mailing or personal service of a notice of charges for an existing connection, 45 days after an application for connection to the sewerage system, as hereinafter defined, is approved by the District, or 45 days after a connection is made, whichever occurs first. A basic penalty charge of 10 percent of the original unpaid amount shall be added to any connection fee that becomes delinquent. Additional penalties and interest at the maximum rate provided by law shall accrue on the total of all delinquent fees plus penalty charges.

SECTION 3.07 – FEE FOR RETURNED CHECKS

An administrative charge shall be added to the original connection fee in the event a check tendered for payment is not honored for payment. The Chief Engineer shall establish this charge to reflect the District's added cost in processing dishonored checks, up to the maximum amount allowed by law, and may adjust it from time to time as required to continue to reflect the District's added cost.

PART IV - FUNDS

SECTION 4.01 – DISPOSITION OF FUNDS

Connection fee revenue collected pursuant to this Ordinance shall be divided into two parts, the capital improvement portion and the operational cost portion. The capital improvement portion shall be determined by multiplying the total revenue received by the proportion of the connection fee rate attributable to the capital improvement component. The capital improvement portion of the fee shall be deposited into capital improvement funds pursuant to Section 4.02 herein. The remainder of the fee, the operational cost portion, shall be deposited into the District's operating fund.

SECTION 4.02 – CAPITAL IMPROVEMENT FUNDS

The capital improvement portion of connection fee revenue collected pursuant to this Ordinance shall be separated into two separate accounts known as the "Joint Outfall System Capital Improvement Fund" and the "District's Capital Improvement Fund."

The Joint Outfall System Capital Improvement Fund shall be a common fund jointly owned and maintained by the Joint Outfall Districts. The District's Capital Improvement Fund shall be owned and maintained by the District.

That portion of the connection fee which was derived from the capital cost of expansion of the Joint Outfall System conveyance, treatment, and disposal facilities shall be deposited upon collection in the Joint Outfall System Capital Improvement Fund. That portion of the connection fee which was derived from the capital cost of expansion of the District's conveyance facilities shall be deposited upon collection in the District's Capital Improvement Fund.

The Joint Outfall System Capital Improvement Fund shall be used only for expansion of capital facilities for the Joint Outfall System.

The District's Capital Improvement Fund shall be used only for expansion of capital facilities for the District's conveyance system.

PRO TEM Chairperson, Board of Directors
County Sanitation District
No. 22 of Los Angeles County

ATTEST:

Clerk, Board of Directors
County Sanitation District
No. 22 of Los Angeles County

PASSED AND ADOPTED by the Board of Directors of County Sanitation District No. 22 of Los Angeles County on January 24, 1990, by the following vote:

AYES: Directors Chandler, Lowes, Richards, Fasana, Kuhn, Miranda, Blickenstaff, Nobrega, Dipple, Smith, and Bacon

NOES: None

ABSTAIN: Director Moses

ABSENT: Directors Low and Schabarum

LONNY DIRKS
Secretary of the Board of Directors
of County Sanitation District No. 22
of Los Angeles County

TO: Cashier

FROM: Waste Management Division
Industrial Waste Control Program

RECEIPT REQUEST (SUBMIT IN DUPLICATE)

[X] Receipt the attached funds for the Industrial Waste Control Program applications indicated below.

[ ] Distribute the funds received on the attached Department Receipt as indicated below.

RECEIVED OF: Richard A. O'Connell

FIRM NAME: Hughes Markets

MAILING ADDRESS: 18537 Amar Highway No 208

Covina ZIP: 91724

SITE LOCATION: 14005 Live Oak Avenue

FILE NUMBER: 16728 AREA CODE: 3$

Transaction Type	Revenue Code	Amount
[X] Industrial Waste Contract City of Irwindale	V09-7700	#114—
[ ] Industrial Waste Permit	A01-9389	
[ ] Industrial Waste Plan Check	A01-9790	
[ ] Industrial Waste Closure	A01-9791	
[ ] Wastewater Sampling/Misc. Service	A01-9792	
[ ] Other		
Total Amount		#114—

[ ] Cash [X] Check # 142

3-10-92

Return to Waste Management Division with Department Receipt.

DEPARTMENT RECEIPT NUMBER: 086647

DATE: 3/12/92

BY: Smith

THIS IS NOT A RECEIPT - DO NOT VALIDATE

#194

ld4/RECEIPT

16-24/606
1220(7)

WELLS FARGO BANK

142

AZUSA OFFICE 700 NORTH AZUSA AVENUE AZUSA, CA 91702

MARCH 10 1992

PAY TO THE ORDER OF Department of Public WORKS $ 114.00

One hundred and fourteen and 00/100 DOLLARS

RICHARD A. O'CONNELL
JOHN H. NAVARRO
18537 ARROW HIGHWAY NO. N206
COVINA, CA 91722

Richard O'Connell

MEMO WAREHOUSE INDUSTRI

⑆122000242⑆142 0606 400406⑈

COUNTY OF LOS ANGELES
DEPARTMENT RECEIPT

083849

DATE 2/11 19 92

PLAN CHECK FEE $
LDMA SURCHARGE $
SECURITY $
IMP. SECURITY $
FF/RF $
$

RECEIVED FROM: Richard A O'Connell $ 114.00
One Hundred Fourteen + NO/100 DOLLARS
FOR: Indust waste Contract city Irwindale

V#9 7700
CK# 128
2/10/92

C.C. NO.
R.S. NO.
OTHER
TRACT NO.
PARCEL NO.

BY DEPUTY
DEPARTMENT OF PUBLIC WORKS

CUSTOMER COPY

7603018 22-0064 DPW 5/87

TO: Cashier

FROM: Waste Management Division
Industrial Waste Control Program

RECEIPT REQUEST (SUBMIT IN DUPLICATE)

[X] Receipt the attached funds for the Industrial Waste Control Program applications indicated below.

[ ] Distribute the funds received on the attached Department Receipt as indicated below.

RECEIVED OF: Richard A. O'Connell + John H Navan

FIRM NAME: Hughes Market

MAILING ADDRESS: 18537 Arrow Highway No. N208

Covina CA ZIP: 91722

SITE LOCATION: 14005 Live Oak

FILE NUMBER: 16728 AREA CODE: 3$

Transaction Type	Revenue Code	Amount
[X] Industrial Waste Contract City of Irwindale	V09-7700	$114 -
[ ] Industrial Waste Permit	A01-9389	
[ ] Industrial Waste Plan Check	A01-9790	
[ ] Industrial Waste Closure	A01-9791	
[ ] Wastewater Sampling/Misc. Service	A01-9792	
[ ] Other		
		$114 -

Total Amount
[ ] Cash [X] Check # 128
2/10/92

Return to Waste Management Division with Department Receipt.

DEPARTMENT RECEIPT NUMBER: 083849

DATE: 2/11/92

BY: Annette

THIS IS NOT A RECEIPT - DO NOT VALIDATE

#85

1d4/RECEIPT

16-24/606
1220(7)

WELLS FARGO BANK

128

AZUSA OFFICE 700 NORTH AZUSA AVENUE AZUSA, CA 91702

February 10 1992

PAY TO THE ORDER OF County of L.A. Dept of Public Works $ 114.00

One hundred and fourteen and 00/100 DOLLARS

RICHARD A. O'CONNELL
JOHN H. NAVARRO
18537 ARROW HIGHWAY NO. N208
COVINA, CA 91722

MEMO office - Industrial W

⑆122000247⑆ 128 0606 400606⑈

COUNTY OF LOS ANGELES
DEPARTMENT RECEIPT

102093

DATE 7-8 19 92

RECEIVED FROM: Richard A. O'Connell $ 342.00

three hundred forty two & no/100 DOLLARS

FOR: industrial waste - Irwindale

CK# 218

V09 7700 7-7

PLAN CHECK FEE $

LDMA SURCHARGE $

TAX SECURITY $

IMP. SECURITY $

FF/RF $

$

CC NO

RS NO

OTHER

TRACT NO.

PARCEL NO.

76D3G1B 22-0064 DPW 5/87

BY DEPUTY

DEPARTMENT OF PUBLIC WORKS

CUSTOMER COPY

TO: Cashier

FROM: Waste Management Division
Industrial Waste Control Program

RECEIPT REQUEST (SUBMIT IN DUPLICATE)

[✓] Receipt the attached funds for the Industrial Waste Control Program applications indicated below.

[ ] Distribute the funds received on the attached Department Receipt as indicated below.

RECEIVED OF: HUGHES MARKETS, INC. "Wherehouse & Dist. Center"

FIRM NAME: RICHARD A. O'Connel, John H. Navarro

MAILING ADDRESS: 18537 ARROW HIGHWAY NO. NZ08

COVINA CA ZIP: 91722

SITE LOCATION: 14005 LIVE OAK AVENUE, IRWINDALE

FILE NUMBER: I-16728 AREA CODE: 35

Transaction Type	Revenue Code	Amount
[✓] Industrial Waste Contract City City of IRWINDALE	V09-7700	342.00
[ ] Industrial Waste Permit	A01-9389	
[ ] Industrial Waste Plan Check	A01-9790	
[ ] Industrial Waste Closure	A01-9791	
[ ] Wastewater Sampling/Misc. Service	A01-9792	
[ ] Other		
Total Amount [ ] Cash [✓] Check # 218 7 JULY 1992		342.00

Return to Waste Management Division with Department Receipt.

DEPARTMENT RECEIPT NUMBER: 102093

DATE: 7-8-92

BY: EF

THIS IS NOT A RECEIPT - DO NOT VALIDATE

ld4/RECEIPT

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

Waste Management Division
P.O. Box 1460
Alhambra, CA 91802-1460

Permit No. 13048(J)
File No. I-16728-3S
Date APR 29 1992

INDUSTRIAL WASTE DISPOSAL PERMIT CONDITIONS AND LIMITATIONS

Part A ON-SITE DISPOSAL – PUBLIC SANITARY SEWER

1. Disposal of industrial wastewater to the public sanitary sewer system shall be limited to the flow rate indicated below:

   ☒ a. Local Sewer. The maximum permitted peak flow rate to the sewer shall be 7.5 gallons per minute (gpm).

   ☐ b. Trunk Sewer. Maximum permitted daily flow to the sewer shall be no greater than 25% in excess of the value on line 16 of the attached Permit for Industrial Wastewater Discharge.

2. Pretreatment, monitoring and control facilities required under this permit shall consist of the system(s) indicated below:

   ☒ a. Sampling point prior to combining industrial wastewater flow with domestic wastewater.
   ☐ b. Final gravity separator (clarifier) _____ gallon capacity, _____ stage.
   ☒ c. pH measurement and recording system.
   ☒ d. Automatic pH control.
   ☐ e. Flow measurement.
   ☐ f. Automatic rainwater diversion system with alarm capable of diverting storm flow in excess of the first 0.10 inch of rain from the sanitary sewer system.
   ☐ g. _____

3. Industrial wastewater shall at all times meet the following effluent quality limitations prior to discharge to the sanitary sewer system:

   ☒ a. As specified in **Part D** -- Effluent Quality Limitations.
   ☐ b. Additional quality limitations: _____

4. The permitee shall submit the following periodic reports:

   ☒ a. Self-monitoring and/or industrial wastewater treatment surcharge reports as may be required by the Sanitation Districts of Los Angeles County. ***NOTE: These reports are to be submitted directly to the Sanitation Districts.***
   ☐ b. Self-monitoring compliance reports as described in **Part E** of this permit.

5. All required industrial wastewater collection, pretreatment, monitoring, disposal and sampling facilities must be installed in accordance with approved plans and prior to initiating any discharge to the sewer system.

6. Discharge of any toxic, flammable, explosive, corrosive, radioactive or nonbiodegradable substance to the sanitary sewer is prohibited except as provided in **Part A.3** above.

7. Discharge of uncontaminated cooling water, groundwater, stormwater or surface drainage water to the sanitary sewer is prohibited except as specifically authorized by this permit.

8. Discharge of industrial wastewater to the sanitary sewer with temperatures exceeding 140°F is prohibited.

9. This permit is subject to additional Conditions and Limitations attached:
   Part B -- Wastes Not Authorized for Discharge or Deposits in **Part A**
   Part C -- General Conditions and Limitations
   Part D -- Effluent Quality Limitations
   Part E -- Self-monitoring and Reporting (only if designated in **Part A.4.b)**

10. Other:

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
INDUSTRIAL WASTE DISPOSAL PERMIT

Part B - WASTES NOT AUTHORIZED FOR DISCHARGE OR DEPOSIT IN PART A

1. Industrial wastes not specifically authorized for on-site pretreatment, storage, deposit, discharge or disposal in Part A of this permit shall be stored in leakproof containers within an area designated on plans approved by the Department of Public Works pending transport to a legal point of disposal.

2. The permittee shall determine if industrial wastes stored pursuant to Part B.1 above are hazardous wastes as defined in the California Health and Safety Code, Chapter 6.5 and as determined by California Administrative Code, Title 22, Division 4, Chapter 30 and shall manage such wastes as prescribed therein.

3. Hazardous wastes shall only be removed from the premises under a Uniform Hazardous Waste Manifest unless a variance from such documentation has been granted by the California Department of Health Services (DOHS). Generator copies of the uniform Hazardous Waste Manifest shall be maintained by the permittee for not less than 180 days or as directed by DOHS.

4. A copy of the generator's Uniform Hazardous Waste Manifest shall be provided to the Department of Public Works, Waste Management Division, Solid Waste Management Unit, P.O. Box 1460, Alhambra, CA 91802-1460, within 30 days from removal of such wastes from the permittee's premises. NOTE: This requirement is in addition to any Self-Monitoring requirements in Part E of this permit when so designated in Part A.

5. The permittee shall maintain records of the sources, quantity, name and address of hauler, date hauled, and point of legal disposal for non-hazardous industrial wastes and wastes granted a DOHS variance as described in Part B.3 above. Such records shall be kept a minimum of 180 days. A legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a California Regional Waste Quality Control Board and which is in full compliance therewith or a facility authorized to receive such wastes by the jurisdiction(s) regulating the facility and is in full compliance with all permits, regulations and requirements.

6. Discharge of industrial wastewater to a channel, storm drain, stream, river, lake, ocean or other surface waters is prohibited unless authorized by a National Pollutant Discharge Elimination System (NPDES) permit issued by a California Regional Water Quality Control Board or the U.S. Environmental Protection Agency (EPA).

Los Angeles County Department of Public Works
Industrial Waste Disposal Permit

Part C - GENERAL CONDITIONS AND LIMITATIONS

1. A Copy of this permit shall be maintained on the premises where it will be available at all times to operating personnel.

2. Industrial waste pretreatment, storage and disposal operations shall be conducted in such a manner that no nuisances are created.

3. The permittee shall allow representatives of interested governmental agencies concerned with the disposal of industrial waste access at any reasonable time to take samples, inspect operations and review any records required by this permit.

4. The permittee shall secure written approval from this Department before making any additions or modifications which may affect the quantity, quality, or method of disposal of industrial waste materials. Requests or plans for additions or modifications to industrial waste treatment facilities or method of disposal shall be submitted for approval to the Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460.

5. This permit is subject to suspension or revocation if conditions exist which would justify denial of a permit, if permittee fails to correct unsatisfactory conditions, if any of the Conditions and Limitations of this permit have been violated or if Annual Industrial Waste Inspection Fees, where required, are not paid within 90 days from date of notification.

6. The Director of Public Works may modify this permit by addition, revision, or elimination of conditions and limitations as may be necessary to accomplish the purpose of ordinances and laws covering disposal of waste materials.

7. The permit is valid only for the facility and location named thereon and is not transferable. In the event of any change of ownership, name or control of the industrial waste facilities subject to this permit, the permittee shall notify the Director of Public Works prior to the effective date of such change. Permittee shall also notify the succeeding owner or operator of the existence of this permit by letter, a copy of which shall be forwarded to the Director of Public Works. A new owner shall make application for an Industrial Waste Disposal Permit within 30 days from the date of assuming control of any facility subject to this permit.

8. Facilities subject to this permit shall not be abandoned. Cancellation of this permit may only be authorized pursuant to Los Angeles County Code Section 20.36.220.

COUNTY OF LOS ANGELES - DEPARTMENT OF PUBLIC WORKS

INDUSTRIAL WASTE DISPOSAL PERMIT

Part D - EFFLUENT QUALITY LIMITATIONS - JOINT OUTFALL PERMIT

Constituents	Phase I Local Effluent Limits, *mg/L*
Arsenic	3.0
Cadmium	15.0
Chromium (Total)	10.0
Copper	15.0
Cyanide (Total)	10
Dissolved Sulfides	0.1
Lead	40.0
Mercury	2.0
Nickel	12.0
pH Range	never lower than 6.0
Silver	5.0
Zinc	25.0
Mineral Oil and Grease	75
Floatable oil and grease	None Visible
Temperature	140°F

WASTEWATER RECLAMATION
SOLID WASTE MANAGEMENT

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-4998
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (213) 699-7411, (213) 685-5217
Fax: (213) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

April 2, 1992
File: 15-00.05-00/92-13048C
Account No. 1956045

Mr. David Esfandi
Dept. of Public Works
Waste Management Div.
900 S. Fremont Avenue
P.O. Box 1460
Alhambra, CA 91802-1460

Dear Mr. Esfandi:

Industrial Wastewater Discharge Permit No. 13048

Hughes Markets, Inc.
14005 Live Oak Avenue
Irwindale, CA 91706

Enclosed are four (4) approved sets of plans and copies of the approved Industrial Wastewater Discharge Permit for the subject company. Please review these for compliance with your requirements, and retain the copies you require for your files. The Applicant's copy of the approved plans and Industrial Wastewater Discharge Permit, along with a copy of this letter and requirement list, should be forwarded to the applicant. A copy of this letter is forwarded to the applicant to notify him of the Sanitation Districts' permit requirements, which are in force from the current date. If any additional permit requirements are issued to the applicant by your agency, copies should be forwarded to the Sanitation Districts for our records. The approved plans consist of:

1. Dwg. C05: Office Building Utility Plan
2. Dwg. P01: Plumbing schedule and symbols
3. Dwg. P02: Plumbing first floor - DWV
4. Dwg. P04: Plumbing first floor - supply
5. Dwg. P06: Plumbing details and risers

Approval of the permit is contingent upon continuing compliance with all applicable Ordinance requirements, upon any corrections shown in red on the drawings, and upon the items indicated on the attached requirement list. This approved permit will expire five (5) years from the date of approval.

If you have any questions concerning these requirements, please contact Mischelle D. Mische of the Sanitation Districts' Industrial Waste Section at extension 2916.

Very truly yours,

Charles W. Carry

John D. Kilgore
Supervising Civil Engineer

JDK:MDM:wh
cc: Norb Parsoneault
Hughes Markets, Inc.

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road / Room 207 / Whittier, California
Mailing Address: P.O. Box 4998, Whittier, California 90607
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217
Hours: 7:00 a.m. - 4:30 p.m. Mon. - Thurs.
7:00 a.m. - 3:30 p.m. Fri.

CHARLES W. CARRY
Chief Engineer and General Manager

Account No.: 1956045
District No.: ~~15~~ 22

SEWERAGE SYSTEM CONNECTION FEE

Complete Items 1 through 10 — PLEASE TYPE OR PRINT

Date: ___ / ___ / ___ (MONTH) (DAY) (YEAR)

1. Property Owner
2. Facility Name Hughes Market, Inc.
3. Address of Property 14005 Live Oak Avenue (STREET) Irwindale (CITY) CA (STATE) 91706 (ZIP)
   Major Cross Streets
4. Contact Norb Parsongault Phone Number: (213) 227-8211
5. Mailing Address (IF DIFFERENT FROM ABOVE) 2716 San Fernando Rd (STREET) Los Angeles (CITY) CA (STATE) 90065 (ZIP)
6. County Assessor Map Book, Page, and Parcel Number: 8535 - 001 - 008
7. Structure is: ☐ Proposed ☐ Existing, Date of Construction
8. User Category and Units of Usage: *(Check the appropriate box and provide the applicable information)*

a. Residential:	☐ Single Family Home(s) Tract # Lots	▶ Number of Units:
	☐ Duplex ☐ Triplex ☐ Fourplex	▶ Number:
	☐ Five Units or More	▶ Number of Units:
	☐ Mobile Home Park	▶ Number of Spaces:
	☐ Condominium	▶ Number of Units:
b. Commercial:	☐ Hotel/Motel	▶ Number of Rooms:
	☐ Convalescent Hospital/Home for the Aged	▶ Number of Beds:
	☐ Other (Specify):	▶ Improvement Square Footage:
c. Institutional:	☐ College/University	▶ Number of Students:
	☐ Private School	▶ Improvement Square Footage:
	☐ Church	▶ Improvement Square Footage:
d. Industrial:	☐ All Categories	▶ All industrial dischargers must obtain a permit for industrial wastewater discharge.

9. **In order to process this application a complete set of architectural blue prints must be submitted. This is not required for conversion from septic tank to sewer connection.**
10. **I certify that the information provided in this application is true and correct to the best of my knowledge.**

☐ **OWNER**
☐ **AGENT FOR OWNER**

(SIGNATURE) (DATE)

Please pay by check or money order only. **(Cash will not be accepted.)**
Make checks payable to. COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY.
Returned checks will be subject to a penalty.

FEE CALCULATION FOR RESIDENTIAL, COMMERCIAL, AND INSTITUTIONAL CATEGORIES

Number of Units of Usage	×	Connection Fee Per Unit of Usage	=	Connection Fee
0	×	$ 1230.00	=	$ 0

SPECIAL CREDITS (Only if Applicable)
☐ DEMOLITION CREDIT*
☐ CHANGE IN USE CREDIT*
☐ AD VALOREM TAX CREDIT
Annexation Date

*In order to receive credit, proof of demolition or former use must be submitted with your application (e.g. Demolition Permits, original plans).

– $

(If Less Than Zero, Enter Zero) $ 0

Connection Fee Due

(For Districts' Use Only)

FEE PAYMENT RECEIVED: Processed by: MM
From: D.C. ☐ Yes ☐ No Approved by: John D. Kilgore
Amount: $ Ck. No. Permit No.: Date: 4-3-92

WHITE COPY — COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
YELLOW COPY — BUILDING DEPARTMENT
PINK COPY — APPLICANT
DO NOT SEPARATE

FN 789

8. Numerical limits have been established by the Sanitation Districts for the maximum concentrations of heavy metals, and other toxic materials, permissible in an industrial discharge to the public sewers. The limits are those shown in the following list of "Industrial Wastewater Effluent Limitations." Hughes Markets, Inc. is advised that any discharge in excess of these limits requires corrective action by the discharger. Penalties applicable to violations of these limits will be strictly enforced by the Sanitation Districts.

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTEWATER LOCAL EFFLUENT LIMITATIONS
FOR JOINT OUTFALL DISTRICTS

PHASE I CONTROL PERIOD

Parameter	Limit (mg/l)*
Arsenic	3
Cadmium	15
Chromium (Total)	10
Copper	15
Lead	40
Mercury	2
Nickel	12
Silver	5
Zinc	25
Cyanide (Total)	10
Total Identifiable Chlorinated Hydrocarbons**	Essentially None

* - Maximum concentration at any time

** - Total Identifiable Chlorinated Hydrocarbons (TICH) comprise:
Aldrin and Dieldrin
Chlordane (cis & trans), trans-nonachlor, oxychlordane, heptachlor and heptachlor epoxide
DDT and derivatives: p, p', and o, p' isomers of DDT, DDD, and DDE
Endrin
HCH: sum of α, β, γ, δ isomers of hexachlorocyclohexane
Toxaphene
Polychlorinated biphenyls (PCB's)

9. The proposed sample box tank is hereby designated as the legal sampling point for Hughes Markets, Inc.. The permittee is responsible for maintaining and cleaning the sampling point to prevent any build-up of oil and grease, sediment or sludge; failure to do so does not invalidate sampling test results. Analytical results from samples taken from this location according to accepted sampling procedure shall be accepted as binding. Safe and convenient access to the sampling point must be provided for representatives of the Sanitation Districts.

10. The permittee is advised that additional industrial wastewater pretreatment equipment may be required if inspection indicates prohibited materials are discharged.

SANITATION DISTRICTS OF LOS ANGELES COUNTY

Charles W. Carry, Chief Engineer and General Manager
1955 Workman Mill Road, P.O. Box 4998, Whittier, California 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

REQUIREMENT LIST

COMPANY NAME: Hughes Markets, Inc.

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO: 13048

DATE OF APPROVAL: April 2, 1992

Hughes Markets, Inc. is required to comply with all indicated items on this list as a condition of the permit approval. Satisfactory evidence of compliance with these conditions should be supplied to the Sanitation Districts where requested. Satisfactory evidence will consist of a minimum of written notification signed by a responsible company official, and in some cases may involve the submission of additional drawings and data.

1. This industrial wastewater discharge permit is issued only for the discharge of treated wastewater from photofinishing. The discharge of any other type of waste will require prior approval from the Sanitation Districts. This approved permit will expire five (5) years from the date of the accompanying transmittal letter.

2. The permittee is required to notify the Sanitation Districts of any change in the status of the subject facility, if ownership or operating responsibility changes, or if the industrial waste connection is legally abandoned.

3. A new permit application must be submitted when there is a significant change in wastewater quantity (25% or more) or quality from that given in the approved permit information. The completed application should be submitted to the local governmental agency for initial processing prior to Sanitation Districts' review. Approval must be obtained prior to any construction of new facilities.

4. Waste haulers reports must be obtained and kept on file for a period of at least 180 days for any solid wastes from the wastewater pretreatment system and liquid wastes leaving the plant other than in the sewer system. These reports must be made available to representatives of the Sanitation Districts upon request.

5. All wastewater discharged to the sewer must have a temperature lower than 140° F.

6. All industrial wastewater discharged to the sewer must not contain over 0.1 milligram/liter of dissolved sulfides.

7. The pH of the wastewater must be maintained above 6.0 at all times. Proper neutralization procedures must be observed to assure that this limit is not violated.

11. Any plans for changes in equipment or processes must be submitted (for approval before implementation) to the Sanitation Districts.

12. The permittee should provide trained personnel for proper operation and regular maintenance of all components of the proposed pretreatment system to ensure compliance at all times with applicable industrial wastewater effluent limits. The permittee should also maintain adequate supply of treatment chemicals as well as replacement parts for key components of the pretreatment system.

13. Self-monitoring of the industrial wastewater must be performed at the intervals indicated on the enclosed Self-Monitoring Requirement Form and reported on the Self-Monitoring Report (SMR) form. (The Districts will send the necessary SMR forms before each reporting period). All indicated analyses should be performed by a State or Sanitation Districts' certified laboratory. The certification section of the SMR form must be completed and signed by a responsible company official. For each reporting period, the completed SMR form and the corresponding laboratory report must be submitted to the Districts' Industrial Waste Permit Section no later than the due date indicated on the form. Please note that the wastewater samples analyzed must be collected in such a way that they are representative of the total discharge generated by a typical day's operations. It is the responsibility of Hughes Markets, Inc. to submit results from any additional self-monitoring, and to notify the Districts of any other toxic materials which are known to be present in the wastewater.

14. Surcharge tests of the industrial wastewater must be performed at the intervals indicated on the enclosed table of Surcharge Test Frequency and submitted annually with the wastewater treatment surcharge statement. Hughes Markets, Inc. is reminded that the surcharge testing requirements are independent of the tests for self-monitoring reports required in Item No. 13.

15. This approval of the existing pretreatment system by the Sanitation Districts is for only the general concept presented. The proper maintenance and operation of the system is the responsibility of the permittee and his contractors.

16. There are substances that are much less toxic than glycol ether, and just as effective. Hughes Markets, Inc. has 45 days to investigate the possibility of using an alternative product. A report describing the alternatives and plans for waste minimization must be submitted to Mischelle Mische of the Industrial Waste Section at the Sanitation Districts within 45 days from the date of the accompanying transmittal letter.

17. The existing floor drain shall have grated covers with 3/8" maximum openings to prevent larger particles from clogging the sewer.

18. Construction of the proposed treatment units must be completed within 90 days of the accompanying transmittal letter.

19. A letter notifying the Sanitation Districts upon completion of the above requirement must be submitted.

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTE SECTION
P. O. BOX 4998
WHITTIER, CA 90607

SELF-MONITORING REQUIREMENTS

(Significant Noncategorical Industrial User)

Date April 2, 1992
Firm Name Hughes Markets, Inc.
Situs Address 14005 Live Oak Avenue
Irwindale, CA 91706
Contact Person Norb Parsoneault
Telephone No. (213) 227-8211

Permit No. 13048
Account No. 1956045
District No. 22
SIC No. 5141
Annual Flow (MGY) 1.10

WASTEWATER CHARACTERISTICS TESTING REQUIREMENT

Frequency of Analysis - Once per every three months.

Self-monitoring of industrial wastewater is required as a condition of your industrial wastewater discharge permit. Samples must be collected and preserved in accordance with 40 CFR 136 and analyzed by a Sanitation Districts' or State Department of Health Services' certified laboratory. Test parameters are in Table 1. Self-monitoring results must be reported on the Self-Monitoring Report form provided.

The Self-monitoring Report form and the appropriate laboratory analysis sheet(s) must be submitted in accordance with the dates listed in Table 2. Both the Self-monitoring Report form and the laboratory analysis sheet(s) must be submitted. Self-monitoring Report forms for each reporting period will be distributed one month prior to the beginning of the reporting period. Failure to submit self-monitoring data as required will result in the initiation of enforcement action against your company.

TABLE 1 -REQUIRED WASTEWATER CHARACTERIZATION TESTS

Test Code	Test Parameter	Unit	Limit (mg/l)	Type of Sample
Z01	Total Wastewater Flow Rate	GPD	--	Not Applicable
403	Chemical Oxygen Demand (COD)	mg/l	--	24-hr. Composite
151	Suspended Solids	mg/l	--	24-hr. Composite
101	pH	pH units	>6	Grab
252	Sulfides-Dissolved	mg/l	0.1	Grab
722	Silver	mg/l	5	24-hr. Composite

TABLE 2: SELF-MONITORING REPORTING SCHEDULE[1]		
Analysis Frequency	**Reporting Period**	**Due Date[2]**
Once per year	January 1 -December 31	January 15 (the following year)
Once per 6 months	January 1 - June 30 July 1 - December 31	July 15 January 15
Once per 3 months	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 15 July 15 October 15 January 15
Once per month	Day 1 - Day 31 of the month	Day 15 (the following month)

[1] The laboratory data sheet(s) for each analysis performed during the reporting period must be included with the Self-monitoring Report form. However, only the results from the most recent sample collected during the reporting period should be recorded on the Self-monitoring Report form.

[2] The Self-monitoring Report form may be submitted before the due date as long as the sample is taken during the appropriate reporting period.

SURCHARGE TEST REQUIREMENTS

Industrial users participating in the Sanitation Districts' Surcharge Program may be subject to additional self-monitoring requirements besides those specified in the permit conditions. Surcharge testing parameters include Chemical Oxygen Demand (COD) and suspended solids (SS). For companies that file Long Form Surcharge Statements, the testing frequency for COD and SS is based on flow as shown in Table 4 below. Surcharge wastewater analyses must adequately represent the average daily discharge to the sewer system and the results must be submitted annually with the wastewater treatment surcharge statement in accordance with each year's "Instruction for Filing a Long Form Wastewater Treatment Surcharge Statement." **Surcharge test requirements are independent of the self-monitoring report requirements.**

TABLE 4:
SURCHARGE TESTING FREQUENCY FOR COD AND SS
(Must be 24-hour Composite Samples)

Yearly Cumulative Flow from Each Outlet (in million gallons)	**Required Testing Frequency**
Less than 15.0	1 sample per 3 months
15.01 to 40.00	1 sample per 2 months
40.1 to 100.0	1 sample per month
100.1 to 250.00	1 sample per week
More than 250.0	2 samples per week

PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
1955 Workman Mill Road / Whittier, CA
Mailing Address: P.O. Box 4998 / Whittier, California 90607-4998
Charles W. Carry, Chief Engineer and General Manager
(213) 699-7411

13048

01 CHECK ONE: New Sewer Connection ☒ Existing Sewer Connection ☐

02 Applicant HUGHES MARKETS, INC. (Legal Company Name)

03 Check one and fill in appropriate information

☒ Corporation Name HUGHES MARKETS, INC.
Year Incorporated 1957 State of Incorporation CALIF. ID# 95-1947206

☐ Partnership Name _____ Partners _____

☐ Sole Proprietor Name _____ Business Names _____

04 Company Address 14005 LIVE OAK AVE. (Street) IRWINDALE (City), CA. (State) 91706 (Zip)

05 Mailing Address 2716 SAN FERNANDO RD. (Street) LOS ANGELES (City), CA. (State) 90065 (Zip)

06 Point of Discharge 200 FEET EAST OF STEWART ON THE NORTH SIDE OF LIVE OAK.

07 Number of years applicant has been in business at present location NEW FACILITY TO BE OCCUPIED IN AUG. 1992 (yrs) (months)

08 Name of Property Owner HUGHES MARKET, INC.

Address of Property Owner 2716 SAN FERNANDO RD. (Street) LOS ANGELES (City) CA. (Zip) (213) 227-8211 (Telephone Number)

09 Assessors Map Book No. 8535-001-008 Page No. 001 Parcel No. 13

10 Type of Industry MAIN OFFICES FOR RETAIL GROCERY STORE CHAIN. (General Description) 5141 (Federal SIC No.)

11 Number of Employees (Full Time) 160 (Part Time) 0

12 Raw Materials Used PHOTOGRAPHIC FIXER & DEVELOPER, STENCIL DEGREASER & REMOVER DIAZO RESIN. (General Description — Add Additional Sheets as Needed)
10 OZ./DAY / 10 OZ./DAY / 13 OZ./DAY / 17 OZ/DAY / 4OZ/DAY (Daily Amount Used)

13 Products Produced SIGNS & PHOTOGRAPHS (General Description — Add Additional Sheets as Needed)
VARIES. (Daily Amount Produced)

14 Wastewater Producing Operations RESTROOMS, DRINKING FOUNTAINS, CLEANING, CONDENSATION FROM A/C UNITS, PHOTO FINISHING (WITH SILVER REMOVED) SCREEN WASHING. (Full Description — Add Additional Sheets as Needed)

15 Time of Discharge 8 AM/PM to 5 AM/PM, Days per Week M T W Th F Sa Su (Working Day — Circle AM or PM) (Circle Days)

16 Wastewater Flow Rate 3000 (Average) Gallons per Day 7.5 (Peak) Gallons per Minute

17 Constituents of Wastewater Discharge TRACES OF ABOVE RAW MATERIALS DILUTED IN WATER, SANITARY WASTE, COMMON CLEANING SOLUTIONS DILUTED IN WATER. (General Description — Attach Chemical Analysis Results to the Application)

18 Person in company responsible for industrial wastewater discharge
NORB PARSONEAULT (Name) V.P. ENGINEERING & CONSTRUCTION (Position) (213) 227-8211 (Telephone Number)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date MARCH 6, 1992

19 Signature for Applicant [signature] (Company Administrative Official) (Name) V.P. ENGINEERING & CONSTRUCTION (Position)

20 Approved by City or County Official
Date 3-11-92
For L.A. County Dept. of Public Works... ☒
City of IRWINDALE
Name M. D. [signature]
Position S.O. C.E. I

I-16728-35

Approved by Sanitation Districts of Los Angeles County
Date 4-3-92
Charles W. Carry, Chief Engineer & General Manager
By [signature]
Position Supervising Civil Engineer

Note: Please submit application first to the applicable City or County agency in which the point of discharge is located. Please contact the local agency for the required permit processing fee.

(Continued on next page)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

April 7, 1992

IN REPLY PLEASE
REFER TO FILE: WM-1

I-16728-3S

Mr. Norb Parsoneault
Hughes Market, Inc.
2716 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Parson Eault:

TRANSMITTAL OF APPROVED PLANS
14005 E. LIVE OAK AVENUE, IRWINDALE

Enclosed are 2 sets of approved Industrial Waste Disposal Plans. The plan(s)must be presented to the Local Building Official when filing for any building or plumbing permits which may be required if new construction or plumbing changes are indicated on the plans.

One set of these plans should be retained by your firm as a permanent record.

If you have any questions, please call Mr. David Esfandi of this office at (818) 458- 3540 .

Very truly yours

T. A. TIDEMANSON
Director of Public Works

M. D. Esfandi

M. David Esfandi
Supervising Civil Engineer I
Waste Management Division

: (IW1)/IWDP4

Enc.

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

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T. A. TIDEMANSON
Director of Public Works

M. D. Esfandi

M. David Esfandi
Supervising Civil Engineer I
Waste Management Division

: (IWI)/IWDP4

Enc.

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS

WASTE MANAGEMENT DIVISION

PLAN CHECK REVIEW SHEET

Date 4-7-92

FIRM NAME Hughes Market Inc

Uninc. Co. Territory ____

FIRM ADDRESS 14005 Live oak Ave City of Irwindale

Co. Engr. is City Engr.

Plan Check By MDE Yes ___ No X

		OK
1.	Required No. of Plans	6
2.	I.W. Plans and Details	ok
3.	Permit Application (County, City, San. Dists.)	San Dist
4.	Permit Application Fee Received	$114
5.	City Authorization Received	NA
6.	I.W. Statement	ok
7.	Critical Parameter Report/Addl. Infor. Questionnaire	NA
8.	Type of I.W. Facilities (I-2-510, Nottingham 750, etc.)	Simple Dry pH monitor
9.	I.W. Facilities Adequate	yes
10.	Method of Disposal (local, trunk, ground, haul, etc.)	Local (1)
11.	Allocable Sewer Capacity (Peak Flow in gpm)	7.5
12.	I-File Request Form (Indicate I-No. & Region, if assigned)	I-16728-35
13.	Permit Form	NA
14.	Rainwater Diversion System Required Yes ___ No	✓
15.	Plans/Application Approved for Transmittal to San. Districts	3-11-92

Reviewed By: MDE/DMN Trap Card Required Yes X No ___

FOLLOW-UP INSTRUCTION:

A. Thomas Guide Page No. & C/D 39, D-2
B. SMD Page No. 4-67
C. Facility Code 1A
D. Type of Rain Diversion System & Square Footage of Unroofed Area N/A
E. Standard Industrial Classification No. 5141
F. Industry Code 126

IW1/PCRS

(D)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

FILE

IN REPLY PLEASE
REFER TO FILE: WM-1
I-16728-3S

March 11, 1992

Mr. Charles W. Carry
Chief Engineer and General Manager
County Sanitation Districts
1955 Workman Mill Road
Whittier, CA 90601

Attention Mr. John D. Kilgore

Dear Mr. Carry:

Subject: Hughes Market
14005 Live Oak Avenue
Irwindale

We are transmitting herewith the following:

X	Permit Application No.	
X	Industrial Waste Disposal Plans (6) sets	
	Additional Information Questionnaire	
	Critical Parameter Report Form	
X	Supporting Information	MSDS sheets, Industrial Waste statement, Silver Recovery Unit Literature
X	Other: New permit	

For the following action:

	For necessary action		Not in jurisdiction
X	For your review and approval	X	Please return (4) approved sets
	For your comments		County Public Works approval
X	Per our conversation		Pending completion of sewer study
	Other _____		

Special remarks:
Per our converstion with Mr. Robert Winke, this facility needs to be reviewed by your office.

If you have any questions regarding this matter, please contact David Norris of this office at (818) 458-3526, Monday through Thursday, 7:00 a.m. to 5:30 p.m.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

M. D. Esfandi

M. David Esfandi
Supervising Civil Engineer I
Waste Management Division

IW1/IWDP5

Enc.

PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
1955 Workman Mill Road / Whittier, CA
Mailing Address: P.O. Box 4998 / Whittier, California 9060[illegible]998
Charles W. Carry, Chief Engineer and General Manager
(213) 699-7411

01 CHECK ONE: New Sewer Connection ☐ Existing Sewer Connection ☒

02 Applicant HUGHES MARKETS, INC. (Legal Company Name)

03 Check one and fill in appropriate information

☒ Corporation Name HUGHES MARKETS, INC.
Year Incorporated 1957 State of Incorporation CALIF. ID# 95-1947206

☐ Partnership Name _____ Partners _____

☐ Sole Proprietor Name _____ Business Names _____

04 Company Address 14005 LIVE OAK AVE. (Street) IRWINDALE (City) CA. (State) 91706 (Zip)

05 Mailing Address 2716 SAN FERNANDO RD. (Street) LOS ANGELES (City) CA. (State) 90065 (Zip)

06 Point of Discharge 200 FEET EAST OF STEWART ON THE NORTH SIDE OF LIVE OAK.

07 Number of years applicant has been in business at present location NEW FACILITY TO BE OCCUPIED IN AUG. 1992 (yrs) (months)

08 Name of Property Owner HUGHES MARKET, INC.

Address of Property Owner 2716 SAN FERNANDO RD. (Street) LOS ANGELES (City) CA. (Zip) (213) 227-8211 (Telephone Number)

09 Assessors Map Book No. 8535-001-008 Page No. 001 Parcel No. 13

10 Type of Industry MAIN OFFICES FOR RETAIL GROCERY STORE CHAIN. (General Description) 5141 (Federal SIC No.)

11 Number of Employees (Full Time) 160 (Part Time) 0

12 Raw Materials Used PHOTOGRAPHIC FIXER & DEVELOPER, STENCIL DEGREASER & REMOVER DIAZO RESIN.
(General Description — Add Additional Sheets as Needed)
10 OZ./DAY / 10 OZ./DAY / 13 OZ./DAY / 17 OZ/DAY / 4OZ/DAY
(Daily Amount Used)

13 Products Produced SIGNS & PHOTOGRAPHS
(General Description — Add Additional Sheets as Needed)
VARIES.
(Daily Amount Produced)

14 Wastewater Producing Operations RESTROOMS, DRINKING FOUNTAINS, CLEANING, CONDENSATION FROM A/C UNITS, PHOTO FINISHING (WITH SILVER REMOVED) SCREEN WASHING.
(Full Description — Add Additional Sheets as Needed)

15 Time of Discharge 8 (AM)/PM to 5 AM/(PM) Days per Week M T W Th F Sa Su
(Working Day — Circle AM or PM) (Circle Days)

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17 Constituents of Wastewater Discharge TRACES OF ABOVE RAW MATERIALS DILUTED IN WATER, SANITARY WASTE, COMMON CLEANING SOLUTIONS DILUTED IN WATER.
(General Description — Attach Chemical Analysis Results to the Application)

18 Person in company responsible for industrial wastewater discharge
NORB PARSONEAULT (Name) V.P. ENGINEERING & CONSTRUCTION (Position) (213) 227-8211 (Telephone Number)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date MARCH 6, 19 92

19 Signature for Applicant _____ (Company Administrative Official) (Name) V.P. ENGINEERING & CONSTRUCTION (Position)

20 Approved by City or County Official
Date 3-11-92
For L.A. County Dept. of Public Works... ☒ I-16728-35
City of IRWINDALE
Name M. David Espinosa
Position Sup. C.E.I.

Approved by Sanitation Districts of Los Angeles County
Date _____
Charles W. Carry, Chief Engineer & General Manager
By _____
Position _____

Note: Please submit application first to the applicable City or County agency in which the point of discharge is located. Please contact the local agency for the required permit processing fee.

(Continued on next page)

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTE SECTION
P. O. BOX 4998
WHITTIER, CA 90607

SELF-MONITORING REQUIREMENTS

(Significant Noncategorical Industrial User)

Date April 2, 1992
Firm Name Hughes Markets, Inc.
Situs Address 14005 Live Oak Avenue
Irwindale, CA 91706
Contact Person Norb Parsoneault
Telephone No. (213) 227-8211

Permit No. 13048
Account No. 1956045
District No. 22
SIC No. 5141
Annual Flow (MGY) 1.10

WASTEWATER CHARACTERISTICS TESTING REQUIREMENT

Frequency of Analysis - Once per every three months.

Self-monitoring of industrial wastewater is required as a condition of your industrial wastewater discharge permit. Samples must be collected and preserved in accordance with 40 CFR 136 and analyzed by a Sanitation Districts' or State Department of Health Services' certified laboratory. Test parameters are in Table 1. Self-monitoring results must be reported on the Self-Monitoring Report form provided.

The Self-monitoring Report form and the appropriate laboratory analysis sheet(s) must be submitted in accordance with the dates listed in Table 2. Both the Self-monitoring Report form and the laboratory analysis sheet(s) must be submitted. Self-monitoring Report forms for each reporting period will be distributed one month prior to the beginning of the reporting period. Failure to submit self-monitoring data as required will result in the initiation of enforcement action against your company.

TABLE 1 -REQUIRED WASTEWATER CHARACTERIZATION TESTS

Test Code	Test Parameter	Unit	Limit (mg/l)	Type of Sample
Z01	Total Wastewater Flow Rate	GPD	--	Not Applicable
403	Chemical Oxygen Demand (COD)	mg/l	--	24-hr. Composite
151	Suspended Solids	mg/l	--	24-hr. Composite
101	pH	pH units	>6	Grab
252	Sulfides-Dissolved	mg/l	0.1	Grab
722	Silver	mg/l	5	24-hr. Composite

TABLE 2: SELF-MONITORING REPORTING SCHEDULE[1]		
Analysis Frequency	**Reporting Period**	**Due Date[2]**
Once per year	January 1 -December 31	January 15 (the following year)
Once per 6 months	January 1 - June 30 July 1 - December 31	July 15 January 15
Once per 3 months	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 15 July 15 October 15 January 15
Once per month	Day 1 - Day 31 of the month	Day 15 (the following month)

[1] The laboratory data sheet(s) for each analysis performed during the reporting period must be included with the Self-monitoring Report form. However, only the results from the most recent sample collected during the reporting period should be recorded on the Self-monitoring Report form.

[2] The Self-monitoring Report form may be submitted before the due date as long as the sample is taken during the appropriate reporting period.

SURCHARGE TEST REQUIREMENTS

Industrial users participating in the Sanitation Districts' Surcharge Program may be subject to additional self-monitoring requirements besides those specified in the permit conditions. Surcharge testing parameters include Chemical Oxygen Demand (COD) and suspended solids (SS). For companies that file Long Form Surcharge Statements, the testing frequency for COD and SS is based on flow as shown in Table 4 below. Surcharge wastewater analyses must adequately represent the average daily discharge to the sewer system and the results must be submitted annually with the wastewater treatment surcharge statement in accordance with each year's "Instruction for Filing a Long Form Wastewater Treatment Surcharge Statement." **Surcharge test requirements are independent of the self-monitoring report requirements.**

TABLE 4:
SURCHARGE TESTING FREQUENCY FOR COD AND SS
(Must be 24-hour Composite Samples)

Yearly Cumulative Flow from Each Outlet (In million gallons)	**Required Testing Frequency**
Less than 15.0	1 sample per 3 months
15.01 to 40.00	1 sample per 2 months
40.1 to 100.0	1 sample per month
100.1 to 250.00	1 sample per week
More than 250.0	2 samples per week

PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
955 Workman Mill Road / Whittier, CA
Mailing Address: P.O. Box 4998 / Whittier, California 90607-4998
Charles W. Carry, Chief Engineer and General Manager
(213) 699-7411

13048

01 CHECK ONE: New Sewer Connection ☒ Existing Sewer Connection ☐

02 Applicant HUGHES MARKETS, INC. (Legal Company Name)

03 Check one and fill in appropriate information

☒ Corporation Name HUGHES MARKETS, INC.
Year Incorporated 1957 State of Incorporation CALIF. ID# 95-1947206

☐ Partnership Name _____ Partners _____

☐ Sole Proprietor Name _____ Business Names _____

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Address of Property Owner 2716 SAN FERNANDO RD. (Street) LOS ANGELES (City) CA. (Zip) (213) 227-8211 (Telephone Number)

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NORB PARSONEAULT (Name) V.P. ENGINEERING & CONSTRUCTION (Position) (213) 227-8211 (Telephone Number)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date MARCH 6, 19 92

19 Signature for Applicant _____ (Company Administrative Official) (Name) V.P. ENGINEERING & CONSTRUCTION (Position)

20 Approved by City or County Official

Date 3-11-92

For L.A. County Dept. of Public Works... ☒ I-16728-35

City of IRWINDALE

Name M. D. [illegible]

Position [illegible]

Approved by Sanitation Districts of Los Angeles County

Date 4-3-92

Charles W. Carry, Chief Engineer & General Manager

By _____

Position Supervising Civil Engineer

Note: Please submit application first to the applicable City or County agency in which the point of discharge is located. Please contact the local agency for the required permit processing fee.

(Continued on next page)

WASTEWATER RECLAMATION
SOLID WASTE MANAGEMENT

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-4998
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (213) 699-7411, (213) 685-5217
Fax: (213) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

April 2, 1992
File: 15-00.05-00/92-13048C
Account No. 1956045

Mr. David Esfandi
Dept. of Public Works
Waste Management Div.
900 S. Fremont Avenue
P.O. Box 1460
Alhambra, CA 91802-1460

Dear Mr. Esfandi:

Industrial Wastewater Discharge Permit No. 13048

Hughes Markets, Inc.
14005 Live Oak Avenue
Irwindale, CA 91706

Enclosed are four (4) approved sets of plans and copies of the approved Industrial Wastewater Discharge Permit for the subject company. Please review these for compliance with your requirements, and retain the copies you require for your files. The Applicant's copy of the approved plans and Industrial Wastewater Discharge Permit, along with a copy of this letter and requirement list, should be forwarded to the applicant. A copy of this letter is forwarded to the applicant to notify him of the Sanitation Districts' permit requirements, which are in force from the current date. If any additional permit requirements are issued to the applicant by your agency, copies should be forwarded to the Sanitation Districts for our records. The approved plans consist of:

1. Dwg. C05: Office Building Utility Plan
2. Dwg. P01: Plumbing schedule and symbols
3. Dwg. P02: Plumbing first floor - DWV
4. Dwg. P04: Plumbing first floor - supply
5. Dwg. P06: Plumbing details and risers

Approval of the permit is contingent upon continuing compliance with all applicable Ordinance requirements, upon any corrections shown in red on the drawings, and upon the items indicated on the attached requirement list. This approved permit will expire five (5) years from the date of approval.

If you have any questions concerning these requirements, please contact Mischelle D. Mische of the Sanitation Districts' Industrial Waste Section at extension 2916.

Very truly yours,

Charles W. Carry

John D. Kilgore
Supervising Civil Engineer

JDK:MDM:wh
cc: Norb Parsoneault
Hughes Markets, Inc.

SANITATION DISTRICTS OF LOS ANGELES COUNTY

Charles W. Carry, Chief Engineer and General Manager
1955 Workman Mill Road, P.O. Box 4998, Whittier, California 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

REQUIREMENT LIST

COMPANY NAME: Hughes Markets, Inc.

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO: 13048

DATE OF APPROVAL: April 2, 1992

Hughes Markets, Inc. is required to comply with all indicated items on this list as a condition of the permit approval. Satisfactory evidence of compliance with these conditions should be supplied to the Sanitation Districts where requested. Satisfactory evidence will consist of a minimum of written notification signed by a responsible company official, and in some cases may involve the submission of additional drawings and data.

1. This industrial wastewater discharge permit is issued only for the discharge of treated wastewater from photofinishing. The discharge of any other type of waste will require prior approval from the Sanitation Districts. This approved permit will expire five (5) years from the date of the accompanying transmittal letter.

2. The permittee is required to notify the Sanitation Districts of any change in the status of the subject facility, if ownership or operating responsibility changes, or if the industrial waste connection is legally abandoned.

3. A new permit application must be submitted when there is a significant change in wastewater quantity (25% or more) or quality from that given in the approved permit information. The completed application should be submitted to the local governmental agency for initial processing prior to Sanitation Districts' review. Approval must be obtained prior to any construction of new facilities.

4. Waste haulers reports must be obtained and kept on file for a period of at least 180 days for any solid wastes from the wastewater pretreatment system and liquid wastes leaving the plant other than in the sewer system. These reports must be made available to representatives of the Sanitation Districts upon request.

5. All wastewater discharged to the sewer must have a temperature lower than 140° F.

6. All industrial wastewater discharged to the sewer must not contain over 0.1 milligram/liter of dissolved sulfides.

7. The pH of the wastewater must be maintained above 6.0 at all times. Proper neutralization procedures must be observed to assure that this limit is not violated.

8. Numerical limits have been established by the Sanitation Districts for the maximum concentrations of heavy metals, and other toxic materials, permissible in an industrial discharge to the public sewers. The limits are those shown in the following list of "Industrial Wastewater Effluent Limitations." Hughes Markets, Inc. is advised that any discharge in excess of these limits requires corrective action by the discharger. Penalties applicable to violations of these limits will be strictly enforced by the Sanitation Districts.

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTEWATER LOCAL EFFLUENT LIMITATIONS
FOR JOINT OUTFALL DISTRICTS

PHASE I CONTROL PERIOD

Parameter	Limit (mg/l)*
Arsenic	3
Cadmium	15
Chromium (Total)	10
Copper	15
Lead	40
Mercury	2
Nickel	12
Silver	5
Zinc	25
Cyanide (Total)	10
Total Identifiable Chlorinated Hydrocarbons**	Essentially None

* - Maximum concentration at any time

** - Total Identifiable Chlorinated Hydrocarbons (TICH) comprise:
Aldrin and Dieldrin
Chlordane (cis & trans), trans-nonachlor, oxychlordane, heptachlor and heptachlor epoxide
DDT and derivatives: p, p', and o, p' isomers of DDT, DDD, and DDE
Endrin
HCH: sum of α, β, γ, δ isomers of hexachlorocyclohexane
Toxaphene
Polychlorinated biphenyls (PCB's)

9. The proposed sample box tank is hereby designated as the legal sampling point for Hughes Markets, Inc.. The permittee is responsible for maintaining and cleaning the sampling point to prevent any build-up of oil and grease, sediment or sludge; failure to do so does not invalidate sampling test results. Analytical results from samples taken from this location according to accepted sampling procedure shall be accepted as binding. Safe and convenient access to the sampling point must be provided for representatives of the Sanitation Districts.

10. The permittee is advised that additional industrial wastewater pretreatment equipment may be required if inspection indicates prohibited materials are discharged.

11. Any plans for changes in equipment or processes must be submitted (for approval before implementation) to the Sanitation Districts.

12. The permittee should provide trained personnel for proper operation and regular maintenance of all components of the proposed pretreatment system to ensure compliance at all times with applicable industrial wastewater effluent limits. The permittee should also maintain adequate supply of treatment chemicals as well as replacement parts for key components of the pretreatment system.

13. Self-monitoring of the industrial wastewater must be performed at the intervals indicated on the enclosed Self-Monitoring Requirement Form and reported on the Self-Monitoring Report (SMR) form. (The Districts will send the necessary SMR forms before each reporting period). All indicated analyses should be performed by a State or Sanitation Districts' certified laboratory. The certification section of the SMR form must be completed and signed by a responsible company official. For each reporting period, the completed SMR form and the corresponding laboratory report must be submitted to the Districts' Industrial Waste Permit Section no later than the due date indicated on the form. Please note that the wastewater samples analyzed must be collected in such a way that they are representative of the total discharge generated by a typical day's operations. It is the responsibility of Hughes Markets, Inc. to submit results from any additional self-monitoring, and to notify the Districts of any other toxic materials which are known to be present in the wastewater.

14. Surcharge tests of the industrial wastewater must be performed at the intervals indicated on the enclosed table of Surcharge Test Frequency and submitted annually with the wastewater treatment surcharge statement. Hughes Markets, Inc. is reminded that the surcharge testing requirements are independent of the tests for self-monitoring reports required in Item No. 13.

15. This approval of the existing pretreatment system by the Sanitation Districts is for only the general concept presented. The proper maintenance and operation of the system is the responsibility of the permittee and his contractors.

16. There are substances that are much less toxic than glycol ether, and just as effective. Hughes Markets, Inc. has 45 days to investigate the possibility of using an alternative product. A report describing the alternatives and plans for waste minimization must be submitted to Mischelle Mische of the Industrial Waste Section at the Sanitation Districts within 45 days from the date of the accompanying transmittal letter.

17. The existing floor drain shall have grated covers with 3/8" maximum openings to prevent larger particles from clogging the sewer.

18. Construction of the proposed treatment units must be completed within 90 days of the accompanying transmittal letter.

19. A letter notifying the Sanitation Districts upon completion of the above requirement must be submitted.

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-4998
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (213) 699-7411, (213) 685-5217
Fax: (213) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

April 2, 1992
File: 15-00.05-00/92-13048C
Account No. 1956045

Mr. David Esfandi
Dept. of Public Works
Waste Management Div.
900 S. Fremont Avenue
P.O. Box 1460
Alhambra, CA 91802-1460

Dear Mr. Esfandi:

Industrial Wastewater Discharge Permit No. 13048

Hughes Markets, Inc.
14005 Live Oak Avenue
Irwindale, CA 91706

Enclosed are four (4) approved sets of plans and copies of the approved Industrial Wastewater Discharge Permit for the subject company. Please review these for compliance with your requirements, and retain the copies you require for your files. The Applicant's copy of the approved plans and Industrial Wastewater Discharge Permit, along with a copy of this letter and requirement list, should be forwarded to the applicant. A copy of this letter is forwarded to the applicant to notify him of the Sanitation Districts' permit requirements, which are in force from the current date. If any additional permit requirements are issued to the applicant by your agency, copies should be forwarded to the Sanitation Districts for our records. The approved plans consist of:

1. Dwg. C05: Office Building Utility Plan
2. Dwg. P01: Plumbing schedule and symbols
3. Dwg. P02: Plumbing first floor - DWV
4. Dwg. P04: Plumbing first floor - supply
5. Dwg. P06: Plumbing details and risers

Approval of the permit is contingent upon continuing compliance with all applicable Ordinance requirements, upon any corrections shown in red on the drawings, and upon the items indicated on the attached requirement list. This approved permit will expire five (5) years from the date of approval.

If you have any questions concerning these requirements, please contact Mischelle D. Mische of the Sanitation Districts' Industrial Waste Section at extension 2916.

Very truly yours,

Charles W. Carry

John D. Kilgore
Supervising Civil Engineer

JDK:MDM:wh
cc: Norb Parsoneault
Hughes Markets, Inc.

SANITATION DISTRICTS OF LOS ANGELES COUNTY

Charles W. Carry, Chief Engineer and General Manager
1955 Workman Mill Road, P.O. Box 4998, Whittier, California 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

REQUIREMENT LIST

COMPANY NAME: Hughes Markets, Inc.

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO: 13048

DATE OF APPROVAL: April 2, 1992

Hughes Markets, Inc. is required to comply with all indicated items on this list as a condition of the permit approval. Satisfactory evidence of compliance with these conditions should be supplied to the Sanitation Districts where requested. Satisfactory evidence will consist of a minimum of written notification signed by a responsible company official, and in some cases may involve the submission of additional drawings and data.

1. This industrial wastewater discharge permit is issued only for the discharge of treated wastewater from photofinishing. The discharge of any other type of waste will require prior approval from the Sanitation Districts. This approved permit will expire five (5) years from the date of the accompanying transmittal letter.

2. The permittee is required to notify the Sanitation Districts of any change in the status of the subject facility, if ownership or operating responsibility changes, or if the industrial waste connection is legally abandoned.

3. A new permit application must be submitted when there is a significant change in wastewater quantity (25% or more) or quality from that given in the approved permit information. The completed application should be submitted to the local governmental agency for initial processing prior to Sanitation Districts' review. Approval must be obtained prior to any construction of new facilities.

4. Waste haulers reports must be obtained and kept on file for a period of at least 180 days for any solid wastes from the wastewater pretreatment system and liquid wastes leaving the plant other than in the sewer system. These reports must be made available to representatives of the Sanitation Districts upon request.

5. All wastewater discharged to the sewer must have a temperature lower than 140° F.

6. All industrial wastewater discharged to the sewer must not contain over 0.1 milligram/liter of dissolved sulfides.

7. The pH of the wastewater must be maintained above 6.0 at all times. Proper neutralization procedures must be observed to assure that this limit is not violated.

8. Numerical limits have been established by the Sanitation Districts for the maximum concentrations of heavy metals, and other toxic materials, permissible in an industrial discharge to the public sewers. The limits are those shown in the following list of "Industrial Wastewater Effluent Limitations." Hughes Markets, Inc. is advised that any discharge in excess of these limits requires corrective action by the discharger. Penalties applicable to violations of these limits will be strictly enforced by the Sanitation Districts.

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTEWATER LOCAL EFFLUENT LIMITATIONS
FOR JOINT OUTFALL DISTRICTS

PHASE I CONTROL PERIOD

Parameter	Limit (mg/l)*
Arsenic	3
Cadmium	15
Chromium (Total)	10
Copper	15
Lead	40
Mercury	2
Nickel	12
Silver	5
Zinc	25
Cyanide (Total)	10
Total Identifiable Chlorinated Hydrocarbons**	Essentially None

* - Maximum concentration at any time

** - Total Identifiable Chlorinated Hydrocarbons (TICH) comprise:
Aldrin and Dieldrin
Chlordane (cis & trans), trans-nonachlor, oxychlordane, heptachlor and heptachlor epoxide
DDT and derivatives: p, p', and o, p' isomers of DDT, DDD, and DDE
Endrin
HCH: sum of α, β, γ, δ isomers of hexachlorocyclohexane
Toxaphene
Polychlorinated biphenyls (PCB's)

9. The proposed sample box tank is hereby designated as the legal sampling point for Hughes Markets, Inc.. The permittee is responsible for maintaining and cleaning the sampling point to prevent any build-up of oil and grease, sediment or sludge; failure to do so does not invalidate sampling test results. Analytical results from samples taken from this location according to accepted sampling procedure shall be accepted as binding. Safe and convenient access to the sampling point must be provided for representatives of the Sanitation Districts.

10. The permittee is advised that additional industrial wastewater pretreatment equipment may be required if inspection indicates prohibited materials are discharged.

11. Any plans for changes in equipment or processes must be submitted (for approval before implementation) to the Sanitation Districts.

12. The permittee should provide trained personnel for proper operation and regular maintenance of all components of the proposed pretreatment system to ensure compliance at all times with applicable industrial wastewater effluent limits. The permittee should also maintain adequate supply of treatment chemicals as well as replacement parts for key components of the pretreatment system.

13. Self-monitoring of the industrial wastewater must be performed at the intervals indicated on the enclosed Self-Monitoring Requirement Form and reported on the Self-Monitoring Report (SMR) form. (The Districts will send the necessary SMR forms before each reporting period). All indicated analyses should be performed by a State or Sanitation Districts' certified laboratory. The certification section of the SMR form must be completed and signed by a responsible company official. For each reporting period, the completed SMR form and the corresponding laboratory report must be submitted to the Districts' Industrial Waste Permit Section no later than the due date indicated on the form. Please note that the wastewater samples analyzed must be collected in such a way that they are representative of the total discharge generated by a typical day's operations. It is the responsibility of Hughes Markets, Inc. to submit results from any additional self-monitoring, and to notify the Districts of any other toxic materials which are known to be present in the wastewater.

14. Surcharge tests of the industrial wastewater must be performed at the intervals indicated on the enclosed table of Surcharge Test Frequency and submitted annually with the wastewater treatment surcharge statement. Hughes Markets, Inc. is reminded that the surcharge testing requirements are independent of the tests for self-monitoring reports required in Item No. 13.

15. This approval of the existing pretreatment system by the Sanitation Districts is for only the general concept presented. The proper maintenance and operation of the system is the responsibility of the permittee and his contractors.

16. There are substances that are much less toxic than glycol ether, and just as effective. Hughes Markets, Inc. has 45 days to investigate the possibility of using an alternative product. A report describing the alternatives and plans for waste minimization must be submitted to Mischelle Mische of the Industrial Waste Section at the Sanitation Districts within 45 days from the date of the accompanying transmittal letter.

17. The existing floor drain shall have grated covers with 3/8" maximum openings to prevent larger particles from clogging the sewer.

18. Construction of the proposed treatment units must be completed within 90 days of the accompanying transmittal letter.

19. A letter notifying the Sanitation Districts upon completion of the above requirement must be submitted.

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTE SECTION
P. O. BOX 4998
WHITTIER, CA 90607

SELF-MONITORING REQUIREMENTS

(Significant Noncategorical Industrial User)

Date April 2, 1992
Firm Name Hughes Markets, Inc.
Situs Address 14005 Live Oak Avenue
Irwindale, CA 91706
Contact Person Norb Parsoneault
Telephone No. (213) 227-8211

Permit No. 13048
Account No. 1956045
District No. 22
SIC No. 5141
Annual Flow (MGY) 1.10

WASTEWATER CHARACTERISTICS TESTING REQUIREMENT

Frequency of Analysis - Once per every three months.

Self-monitoring of industrial wastewater is required as a condition of your industrial wastewater discharge permit. Samples must be collected and preserved in accordance with 40 CFR 136 and analyzed by a Sanitation Districts' or State Department of Health Services' certified laboratory. Test parameters are in Table 1. Self-monitoring results must be reported on the Self-Monitoring Report form provided.

The Self-monitoring Report form and the appropriate laboratory analysis sheet(s) must be submitted in accordance with the dates listed in Table 2. Both the Self-monitoring Report form and the laboratory analysis sheet(s) must be submitted. Self-monitoring Report forms for each reporting period will be distributed one month prior to the beginning of the reporting period. Failure to submit self-monitoring data as required will result in the initiation of enforcement action against your company.

TABLE 1 -REQUIRED WASTEWATER CHARACTERIZATION TESTS

Test Code	Test Parameter	Unit	Limit (mg/l)	Type of Sample
Z01	Total Wastewater Flow Rate	GPD	--	Not Applicable
403	Chemical Oxygen Demand (COD)	mg/l	--	24-hr. Composite
151	Suspended Solids	mg/l	--	24-hr. Composite
101	pH	pH units	>6	Grab
252	Sulfides-Dissolved	mg/l	0.1	Grab
722	Silver	mg/l	5	24-hr. Composite

TABLE 2:
SELF-MONITORING REPORTING SCHEDULE[1]

Analysis Frequency	Reporting Period	Due Date[2]
Once per year	January 1 -December 31	January 15 (the following year)
Once per 6 months	January 1 - June 30 July 1 - December 31	July 15 January 15
Once per 3 months	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 15 July 15 October 15 January 15
Once per month	Day 1 - Day 31 of the month	Day 15 (the following month)

[1] The laboratory data sheet(s) for each analysis performed during the reporting period must be included with the Self-monitoring Report form. However, only the results from the most recent sample collected during the reporting period should be recorded on the Self-monitoring Report form.

[2] The Self-monitoring Report form may be submitted before the due date as long as the sample is taken during the appropriate reporting period.

SURCHARGE TEST REQUIREMENTS

Industrial users participating in the Sanitation Districts' Surcharge Program may be subject to additional self-monitoring requirements besides those specified in the permit conditions. Surcharge testing parameters include Chemical Oxygen Demand (COD) and suspended solids (SS). For companies that file Long Form Surcharge Statements, the testing frequency for COD and SS is based on flow as shown in Table 4 below. Surcharge wastewater analyses must adequately represent the average daily discharge to the sewer system and the results must be submitted annually with the wastewater treatment surcharge statement in accordance with each year's "Instruction for Filing a Long Form Wastewater Treatment Surcharge Statement." **Surcharge test requirements are independent of the self-monitoring report requirements.**

TABLE 4:
SURCHARGE TESTING FREQUENCY FOR COD AND SS
(Must be 24-hour Composite Samples)

Yearly Cumulative Flow from Each Outlet (in million gallons)	Required Testing Frequency
Less than 15.0	1 sample per 3 months
15.01 to 40.00	1 sample per 2 months
40.1 to 100.0	1 sample per month
100.1 to 250.00	1 sample per week
More than 250.0	2 samples per week

PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
1955 Workman Mill Road / Whittier, CA
Mailing Address: P.O. Box 4998 / Whittier, California 90607-4998
Charles W. Carry, Chief Engineer and General Manager
(213) 699-7411

13048

01 CHECK ONE: New Sewer Connection ☒ Existing Sewer Connection ☐

02 Applicant HUGHES MARKETS, INC. (Legal Company Name)

03 Check one and fill in appropriate information

☒ Corporation Name HUGHES MARKETS, INC.
Year Incorporated 1957 State of Incorporation CALIF. ID# 95-1947206

☐ Partnership Name _____ Partners _____

☐ Sole Proprietor Name _____ Business Names _____

04 Company Address 14005 LIVE OAK AVE. (Street) IRWINDALE (City), CA. (State) 91706 (Zip)

05 Mailing Address 2716 SAN FERNANDO RD. (Street) LOS ANGELES (City), CA. (State) 90065 (Zip)

06 Point of Discharge 200 FEET EAST OF STEWART ON THE NORTH SIDE OF LIVE OAK.

07 Number of years applicant has been in business at present location NEW FACILITY TO BE OCCUPIED IN AUG. 1992 (yrs) (months)

08 Name of Property Owner HUGHES MARKET, INC.

Address of Property Owner 2716 SAN FERNANDO RD. (Street) LOS ANGELES (City) CA. (Zip) (213) 227-8211 (Telephone Number)

09 Assessors Map Book No. 8535-001-008 Page No. 001 Parcel No. 13

10 Type of Industry MAIN OFFICES FOR RETAIL GROCERY STORE CHAIN. (General Description) 5141 (Federal SIC No.)

11 Number of Employees (Full Time) 160 (Part Time) 0

12 Raw Materials Used PHOTOGRAPHIC FIXER & DEVELOPER, STENCIL DEGREASER & REMOVER DIAZO RESIN. (General Description — Add Additional Sheets as Needed)
10 OZ./DAY / 10 OZ./DAY / 13 OZ./DAY / 17 OZ/DAY / 4OZ/DAY (Daily Amount Used)

13 Products Produced SIGNS & PHOTOGRAPHS (General Description — Add Additional Sheets as Needed)
VARIES. (Daily Amount Produced)

14 Wastewater Producing Operations RESTROOMS, DRINKING FOUNTAINS, CLEANING, CONDENSATION FROM A/C UNITS, PHOTO FINISHING (WITH SILVER REMOVED) SCREEN WASHING. (Full Description — Add Additional Sheets as Needed)

15 Time of Discharge 8 (AM)/PM to 5 AM/(PM), Days per Week M T W Th F Su Su (Working Day — Circle AM or PM) (Circle Days)

16 Wastewater Flow Rate 3000 (Average) Gallons per Day 7.5 (Peak) Gallons per Minute

17 Constituents of Wastewater Discharge TRACES OF ABOVE RAW MATERIALS DILUTED IN WATER, SANITARY WASTE, COMMON CLEANING SOLUTIONS DILUTED IN WATER. (General Description — Attach Chemical Analysis Results to the Application)

18 Person in company responsible for industrial wastewater discharge
NORB PARSONEAULT (Name) V.P. ENGINEERING & CONSTRUCTION (Position) (213) 227-8211 (Telephone Number)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date MARCH 6, 19 92

19 Signature for Applicant _____ (Company Administrative Official) _____ (Name) V.P. ENGINEERING & CONSTRUCTION (Position)

20 Approved by City or County Official
Date 3-11-92
For L.A. County Dept. of Public Works... ☒
City of IRWINDALE I-1672B 35
Name M. D-W-2 Sx Kenneth
Position S-P. C.E. I

Approved by Sanitation Districts of Los Angeles County
Date 4-3-92
Charles W. Carry, Chief Engineer & General Manager
By _____
Position Supervising Civil Engineer

Note: Please submit application first to the applicable City or County agency in which the point of discharge is located. Please contact the local agency for the required permit processing fee.

(Continued on next page)

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-4998
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (213) 699-7411, (213) 685-5217
Fax: (213) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

April 2, 1992
File: 15-00.05-00/92-13048C
Account No. 1956045

Mr. David Esfandi
Dept. of Public Works
Waste Management Div.
900 S. Fremont Avenue
P.O. Box 1460
Alhambra, CA 91802-1460

Dear Mr. Esfandi:

Industrial Wastewater Discharge Permit No. 13048

Hughes Markets, Inc.
14005 Live Oak Avenue
Irwindale, CA 91706

Enclosed are four (4) approved sets of plans and copies of the approved Industrial Wastewater Discharge Permit for the subject company. Please review these for compliance with your requirements, and retain the copies you require for your files. The Applicant's copy of the approved plans and Industrial Wastewater Discharge Permit, along with a copy of this letter and requirement list, should be forwarded to the applicant. A copy of this letter is forwarded to the applicant to notify him of the Sanitation Districts' permit requirements, which are in force from the current date. If any additional permit requirements are issued to the applicant by your agency, copies should be forwarded to the Sanitation Districts for our records. The approved plans consist of:

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Charles W. Carry

John D. Kilgore
Supervising Civil Engineer

JDK:MDM:wh
cc: Norb Parsoneault
Hughes Markets, Inc.

PERM. FOR INDUSTRIAL WASTEWATER DISCHAR
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
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20 Approved by City or County Official
Date 3-11-92
For L.A. County Dept. of Public Works... ☒ I-16728-35
City of IRWINDALE
Name M. David Eskenazi
Position Sup. C.E.I.

Approved by Sanitation Districts of Los Angeles County
Date 4-3-92
Charles W. Carry, Chief Engineer & General Manager
By _____
Position Supervising Civil Engineer

Note: Please submit application first to the applicable City or County agency in which the point of discharge is located. Please contact the local agency for the required permit processing fee.

(Continued on next page)

L.A. COUNTY DPW — HAZARDOUS MATERIALS SYSTEM — REPORT: HMB150.001
DATE COMPILED: 02/10/93 — IW INSPECTION JOB ORDER — INSP#: I000058085
RUN DATE: 03/31/93 18:38:21 — SCHEDULED INSPECTIONS — ASSC#: P000013048
PAGE: 1

FILE #: 015425-116728 NAME: HUGHES MARKETS INC
ADD: 14005 LIVE OAK AVE
IRWINDALE, CA 91706 AREA: 3S SMD: 95
XSTREET: ARROW HIGHWAY THOMAS GUIDE: 0039-D2
CONTACT: NORB PARSONEAULT, V.P. TEL: 818 856 6580

PROC: STD SAMPLE REQUIRED? N

INSP INFO: SYSTEM IN SIGN SHOP, FILM PROCESSOR & PORT. SILVER RECOVERY SYSTEM

PERM TYPE: I 01 OPERATING PERMIT-LOCAL SEWER STATUS: PERMITTED
JURIS: J JOINT PERMIT W/CSDLAC
INDUSTRY: 126 NON-METALS WITH CHEMICAL WASTE
FACILITY: 1A RECEPTOR ONLY (STD I-1, I-12)
SIC: 5141 GROCERIES, GENERAL LINE
RDS: RDS AREA: SQ FT

	FREQUENCY	LAST PERFORMED	NEXT DUE
INSPECTION	03		04/29/93
SAMPLE	00		
SELF-MONITOR	00		

ASSGN TO: SAN GABRIEL VLY FIELD OFFICE SECT: FIELD INSPECTION UNIT

==========

RESULTS: RECEPTOR ONLY; CLEAN / PH OF 7.5 OFF METER; FILM PROCESSOR & PORTABLE SILVER RECOVERY SYSTEM ALSO AT THIS SITE

REMARKS: FILE FILE DOES NOT HAVE A COPY OF APPROVED PLANS OR PERMIT
PLEASE SEND COPY FOR FILE.

INSPECTOR: RICHARD PAYNE SR INSPECTION DATE: 4-15-93

DISP: D.R.

Susie

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

THOMAS A. TIDEMANSON, Director

NOTICE

Date 4-13-94 File 16728-33

To Mr. Humberto Trevino / Sign Dept Mgr Permit 13048

Site Name Hughes Markets Inc

Site Address 14005 E. Live Oak Ave, Irwindale CA 91706-1323

Violations/Instructions:

___ Excessive oil/grease/solids in the pretreatment facilities.

___ The rain diversion system is not working properly.

___ Discharging wastewater to the ground, public, or private property.

___ Industrial Waste facilities are not built according to approved plans.

___ Denied access to Inspector.

___ You must submit a letter to this office outlining the steps that will correct the improper disposal of industrial waste, and/or wastewater.

___ You are required to pump the interceptor and maintain the facility in proper working condition at all times.

X Other Sample Box requires cleaning.

X You are directed to have the above violation(s) corrected by 4-27-94 and telephone the office below for a return inspection.

V 13354

125 S. Baldwin Avenue
Arcadia, CA 91007-2652
Office hours 8:00-9:30 a.m.
(818) 574-0962

Elden Goodenow
Waste Control Engineering Inspector

Hughes MARKETS

INDUSTRIAL WASTE STATEMENT

LOCATION: OFFICE BUILDING - SIGN SHOP

OPERATION	ITEM DESCRIPTION	PRODUCT #	INVENTORY	LOCATION	CONSUMPTION	DISPOSAL
Sign Production	Ulano Stencil Remover	#4	8 Gallons	Sign Shop	4 gal./month	Sewer
"	Ulano Screen Degreaser	#3	6 Gallons	"	3 gal./month	"
"	Diazo Resin	N/A	2 Gallons	"	1 gal./month	"
"	Ethyl Cellulose Lacquer	N/A	50 Gallons	"	50 gal./month	Linen Servic
"	Glycol Ether	N/A	25 Gallons	"	20 gal./month	"
"	Aromatic Solvent	N/A	50 Gallons	"	40 gal./month	"
"	Vinyl Lacquer	N/A	2 Gallons	"	1 gal./month	"
Dark Room	Photographic Fixer	N/A	10 Gallons	Dark Room	2½ gal./month	Sewer *
"	Developer	N/A	10 Gallons	Dark Room	2½ gal./month	Sewer *

* FIXER AND DEVELOPER ARE PROCESSED THROUGH A SILVER RECOVERY UNIT BEFORE ENTERING SEWER SYSTEM.

Hughes MARKETS

INDUSTRIAL WASTE STATEMENT

LOCATION: OFFICE BUILDING - REPRODUCTION SERVICES

OPERATION	ITEM DESCRIPTION	PRODUCT #	INVENTORY	LOCATION	CONSUMPTION	DISPOSAL
Offset Printing	Copier Dispersant	92-2285	4 Gallons	Reproduction	1 gal./month	Linen Service
"	Offset Toner	4-3792	7 Gallons	"	3 gal./month	"
"	Offset Fountain Concentrate	4-1115	3 Gallons	"	1/3gal./month	Trash receptical
"	Offset Etch	4-1015	3 Gallons	"	½ gal./month	"
"	Offset Conversion Soution	4-1067-1	10 Gallons	"	4 gal./month	"
"	Offset Ink Roller Conditioner	4-4976	3 Pints	"	1 pint/year	"
"	Offset Ink Roller Desensitizer	4-4970	4 Pints	"	1/3pint/month	Linen Service
"	Automatic Blanket Wash	4-1237	20 Gallons	"	6 gal./month	"
"	Glaze Remover	4-4968	4 Pints	"	1 pint/month	"
"	Spirit Fluid	24-2030	1 Gallon	"	1 qt. /month	"
"	Offset Roller Cleaner Wash	4-4317	10 Gallons	"	1½ gal./month	"
"	Offset Chrome Cylinner Cleaner	4-4965	6 Pints	"	½ pint/month	"
"	Copy Rapid Fixer	4-9966	3 Quarts	"	1/3 qt./month	"
"	Copy Rapid Developer	4-9414	6 Quarts	"	1 qt./month	"
"	Copy Rapid Lacquer	4-9918	1 Pint	"	1 pint/year	"
"	Impreset Black Ink	5050 med tak	30 Pounds	"	3½ lbs./month	"
"	Rubber Rejuvenator	116	5 Gallons	"	1 qt./month	"

Hughes MARKETS

INDUSTRIAL WASTE STATEMENT

LOCATION: OFFICE BUILDING

OPERATION	ITEM DESCRIPTION	PRODUCT #	INVENTORY	LOCATION	CONSUMPTION	DISPOSAL
GENERAL CLEANING	✓ Neutral All Purpose Cleaner	1054	10 Gallons	Janitor's Room	6 gal./month	Sewer
"	✓ Bowl Cleaner	2071	2 Gallons	"	1 gal./month	"
"	✓ Rug Shampoo	3136	5 Gallons	"	1 gal./month	"
"	✓ Chemifax Shower Powder	N/A	10 Gallons	"	6 gal./month	"
RESTROOM FACILITIES	For (158) people					"

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

Sent

March 3, 1992

IN REPLY PLEASE
REFER TO FILE
WM-1
I-16728-3S

Mr. Norb Parsoneault
Hughes Market
2716 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Parsoneault:

INDUSTRIAL WASTE DISPOSAL EPRMIT
14005 LIVE OAK AVENUE, IRWINDALE

The application/plans you have submitted have been reviewed by this office, and are NOT approved because additional information is required to allow proper evaluation of your operations and their possible effects on the sewerage system and environment. The plans are hereby returned less one reference copy for our file. Please revise your submittal in accordance with the items indicated below:

1. Submit an industrial wastewater plumbing plan showing all floor drains, floor sinks, service sinks and waste lines and facilities for handling industrial wastewater from the point of origin to the connection to the public sewer. All equipment or facilities generating industrial wastewater must be identified on plans.

2. Processes, equipment, or facilities generating wastewater flow must be identified, described, and shown on the plans. The tanks in the process area should be numbered and a separate schedule provided indicating the dimensions, material make and information on the contents.

3. Provide and show on plans a sampling box (Co. Std. Dwg. I-12). A trap, clean out, and vent are required per County Plumbing Code. The sample box shall be connected downstream of pretreatment facilities and upstream of sanitary waste.

4. A silver recovery unit is required. Provide and indicate its location on the plans. Submit its operational specifications to this office.

5. Provide and show on plans all storage areas for chemicals and/or waste materials stored at the subject facility, with a tank/drum schedule indicating tank capacities, materials of

construction, and contents. Provision for spill containment is required where the materials can enter the sewer system or contaminate the soil. Spill containment should be designed for the volume of the largest tank or 10 percent of the drum total (whichever is greater), plus 6 inches of rainfall over the containment area (if outdoors). Submit a typical detail of the containment curb and specify the materials of construction.

6. Interior walls and floors within all spill containment areas shall be cleaned, repaired and sealed with an epoxy type sealant which is compatible with materials located within said areas. Provide this office with manufacturer's literature of selected sealant and indicate on drawing areas to be sealed.

7. The contact joint for spill containment walls or dikes constructed on existing concrete, masonry, or asphalt shall be bonded to the existing surface. Provide this office with manufacturer's literature of the selected bonding agent and indicate on drawing areas to be bonded.

8. Provide the name of the legal waste hauler that will remove any liquid or solid industrial wastes generated by the facility.

9. No floor drains connected to public sewers shall be allowed in warehouses and other facilities that store toxic or flammable materials.

10. No floor drains shall be allowed in spill containment areas.

11. Return four sets of revised plans to this office within 30 days from the date of this letter.

If you have any questions regarding this matter, please contact Mr. David M. Norris of this office at (818) 458-3526, Monday through Thursday, 7:00 a.m. to 5:30 p.m.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

M. David Esfandi
Supervising Civil Engineer I
Waste Management Division

MW:li
WP9/HUGHES

Enc.

City of IRWINDALE
Jurisdiction

RECEIVED
FEB 11 1992
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

(X) NEW PERMIT
( ) PERMIT REVISION

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 South Fremont
Alhambra, California 91803
Telephone : (818) 458-3520

APPLICATION FOR INDUSTRIAL WASTE DISPOSAL PERMIT

(X) Corporation
( ) Partnership
( ) Individual

APPLICANT (Firm Name) Hughes MARKET
(Please Print)

MAILING ADDRESS 2716 SAN FERNANDO ROAD Los Angeles CA 90065
Street (P. O. Box) City State Zip

OWNER, TENANT, ETC. Hughes MARKET OF PROPERTY @:

LOCATION ADDRESS 4005 Live OAK AV. IRWINDALE 91706 TELEPHONE 1-213-227-8211 *
Street City Zip

TYPE OF INDUSTRY FOOD MARKET FEDERAL SIC NO.

General Description - Describe for each disposal method - Attach additional sheets

RAW MATERIALS USED Developer & VARIOUS FIXING MATERIAL see enclosed list

PRODUCTS PRODUCED (SERVICES) ~~For In~~ Developed Films

WASTEWATER PRODUCING OPERATIONS Developing Films

METHOD OF DISPOSAL: (X) PUBLIC SEWER, ( ) PRIVATE UNDERGROUND DISPOSAL SYSTEM ( ) SURFACE WATERS, STREAM OR STORM DRAIN, (X) HAUL TO LEGAL DISPOSAL POINT, ( ) OTHER

(DESCRIBE): Sewer & Linen Service

Note: Multiple disposal methods may require separate permits.

CONSTITUENTS OF WASTE DISCHARGE ~~Sa~~ Tas WATER AND traces of chemicals FROM Attached List.

ESTIMATED WASTE QUANTITY (Gallons per day) 10 gallons

ESTIMATED WASTE PEAK FLOW RATE (Gallons per minute) ≤7.5 gpm

ESTIMATED QUANTITY AND DISPOSITION OF SOLID WASTES 2 pounds

As a condition of the issuance of the permit herein applied for, the applicant agrees to submit additional information as may be required by the director of Public Works. Permits may be subject to additional conditions and limitations. An inspection fee may be required upon permit issuance.

PERSON RESPONSIBLE FOR WASTE DISCHARGE:

NAME (Please Print) NORB PARSONEAULT TITLE VICE PRESIDENT Engineering + Construction

I AFFIRM THAT ALL INFORMATION FURNISHED IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

SIGNATURE [signature] DATE 2/11/92

RETURN THIS APPLICATION, REQUIRED PLANS, SUPPORTING INFORMATION AND AN APPLICATION FEE OF $ PAYABLE TO LOS ANGELES COUNTY DIRECTOR OF PUBLIC WORKS	TO:	Los Angeles County, Dept. of Public Works 900 South Fremont Ave. Alhambra, California 91803-1331

CWS ydl-8 6/78

Rich O'Connell
Field Engineer

TRAILER 1-818-338-2580

The Facility Group Inc.

Facility Constructors Inc.
17676 High Bluff Drive
San Diego, California 92130
(619) 794-4600 FAX (619) 794-4672
California License Number 554627

To David Norris

Date 3-5-75 Time 3:30 a.m. p.m.

A MESSAGE FOR YOU

Mr.
Mrs.
Miss Richard O'Connell

of Hughes Mkt. Co.

Phone (818) 338-2580

Telephoned		Please Call	✓
Called To See You		Will Call Again	
Wants to See You		Returned Your Call	

Message 14005
Live Oak Ave.
Irwindale

Message Taken By _____

76T275

To Dave E.

Date 3-5-92 Time _____ a.m. p.m.

A MESSAGE FOR YOU

Mr.
Mrs.
Miss Rob Winke

of L.A. Co. San Dist.

Phone (310) 699-7411
EX 2905

Telephoned	✓	Please Call	
Called To See You		Will Call Again	
Wants to See You		Returned Your Call	

Re Message ~~Yons~~ Hughes
on Live Oak
Irwindale

Message Taken By Yes, they
do need a permit

Dave Norris

The file is in

"In Process"

Under Hughes Market

Loren

Please give to Dave Norris when you finish typing.

Thanks,

MW

2-12-92 COUNTY INSPECTOR for Building Dept
at Irwindale City Hall
PATRICK TARANGLE

(818) 962-3381

any problems? call Jerry Wong back

2-[illegible]92

Carlos Alvarado or Louis

City Engineer of Irwindale

(818) 962-3381

x 250

M, W, F

8:30 a.m.

waiting for return from Carlos or Louis

New Permit
39-D2

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION, 7TH FLOOR
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331

INDUSTRIAL WASTE PLAN CHECK CORRECTION SHEET

HUGHES MARKET — I-16728-35
Facility Name — I-File No.

14005 LIVE OAK AVE., IRWINDALE 91706
Facility Address — Locality

NORB PARSONEAULT (213) 227-8211 2716 SAN FERNANDO RD LOS ANGELES, CA 90065
Applicant or Engineer — Telephone No. — Mailing Address

RICH O'CONNELL — (818) 338-2580
Facility Contact Person — Telephone No.
fax (818) 962-8423

BEFORE APPROVAL FOR CODE COMPLIANCE OR ISSUANCE OF AN INDUSTRIAL WASTE PERMIT, THE PLANS AND APPLICATION FOR THIS CONSTRUCTION REQUIRE THE INFORMATION, REVISIONS, AND CORRECTIONS INDICATED BY THE CIRCLED ITEMS BELOW. THE APPROVAL OF PLANS AND SPECIFICATIONS DOES NOT PERMIT THE VIOLATIONS OF ANY SECTION OF THE BUILDING CODE OR PLUMBING CODE, OR OTHER COUNTY ORDINANCE, OR STATE LAW.

INSTRUCTIONS

A. Corrections with circled item numbers apply to this plan check.

B. To the right of the circled corrections please indicate the sheet number or note on the plans where the corrections are made. Resubmit the marked original of this correction list, calculations, supporting information, and the required sets of corrected plans. A seperate sheet may be used for response.

C. The plan checker will be available for conference and telephone calls only between the hours of 7:00 a.m. to 5:30 p.m. on the following days: Monday through Thursday. Appointments are recommended. See page 8 of this correction sheet for the name and phone number of the plan checker.

APPLICATION & FEE

1. Complete and sign the County Sanitation Districts Permit Application.

2. Complete and sign the County Industrial Waste Permit Application.

3. Complete and sign the City of _____ Permit Application.

4. Submit [ ] an application fee, [ ] plan review fee of $_____ payable to [ ] Los Angeles County Department of Public Works, [ ] City of _____ [ ] _____.

PLANS

1. Plans should be drawn legibly on sheets minimum size 11" X 17" and maximum 24" X 36".

2. Place the name and address of the Company having the wastewater discharge on the lower right-hand corner of each sheet of the plans.

3. Submit a plot plan drawn to scale showing acreage, adjacent streets and north arrow.

→ 4. Provide a site drainage plan.

→ 5. Submit an industrial wastewater plumbing plan showing all floor drains, floor sinks, service sinks and waste lines and facilities for handling industrial wastewater from the point of origin to the connection to the [✓] public sewer, [ ] private disposal system, [ ] holding facility, [ ] _____. All equipment or facilities generating industrial wastewater must be identified on plans. *

6. Separate sanitary wastes originating from rest rooms, lavatories, drinking fountains, etc., from industrial process wastewater until all industrial wastewater pretreatment or flow measuring steps are completed. Dark Room section and sign shop.

7. Processes, equipment, or facilities generating wastewater flow must be identified, described, and shown on the plans. The tanks in the process area should be numbered and a separate schedule provided indicating the dimensions, material make and information on the contents.

8. A gravity seperation interceptor with sampling box is required (Co. Std. Dwg. I-2). Provide and show on plans. Per County Plumbing Code, Title 28, a trap, clean out, and vent are required. The capacity of the interceptor should be designed for minimum of 30 minutes retention time for peak flow discharge rate or minimum of 510 gallons, whichever is larger.

not shown on plans need to see Civil Drawings

sample box prior to sanitary waste

9. Provide and show on plans a sampling box (Co. Std. Dwg. I-12). A trap, cleanout, and vent are required per County Plumbing Code. The sample box shall be connected downstream of pretreatment facilities and upstream of sanitary waste.

10. A silver recovery unit is required. Provide and indicate its location on the plans. Submit its operational specifications to this office.

11. For systems with chemical pretreatment of wastewater, submit a systematic step-by-step description of the treatment sequence. Show on plans all tanks, piping, equipment, control instruments, valves, etc. and names and amounts of chemicals used daily in the treatment of wastewater. Submit Material Safety Data Sheets (MSDS) for all chemicals with manufacturer's trade name.

12. For all existing wastewater generating operations submit a chemical analysis report of wastewater effluent. The analysis must be performed by a State approved laboratory for all the constituents known to be present in the wastewater. For new operations estimated daily discharge rate, gallons per day, and estimated concentration of the pollutants in the wastewater effluents should be provided on the Critical Parameter Report Forms, copy enclosed.

13. All wastewater effluents having pH lower than 6.0 are prohibited from discharging into the sewer system. pH may be corrected manually by batch neutralization if the discharge is intermittent, or by automatic pH control if continuous. Indicate on the plans the proposed system to be used. For continuous pH control systems a pH recording probe is required in the sampling box, Co. Std. Dwg. I-12.

14. Other:

STORM WATER MANAGEMENT

The introduction of storm water into the sanitary sewer is prohibited. Provide a roof per County Sanitation District standards (copy enclosed), or regrade the facility, or propose methods for reuse of rainwater at your facility. If adequate justification is provided regarding lack of any other alternatives, an approved rainwater diversion system for all outside waste producing areas drained to the sewer may be used. The rainwater diversion system should be per County Dwg. I-7, (copy enclosed). However, for areas more than 10,000 square feet an alternative method must be proposed.

CHEMICAL STORAGE / WASTE HAULING

1. Submit Material Safety Data Sheet for all the chemicals used in the industrial process.

(2.) Provide and show on plans all storage areas for chemicals and/or waste materials stored at the subject facility, with a tank/drum schedule indicating tank capacities, materials of construction, and contents. Provision for spill containment is required where the materials can enter the sewer system or contaminate the soil. Spill containment should be designed for the volume of the largest tank or 10 percent of the drum total (whichever is greater), plus 6 inches rainfall over the containment area (if outdoors). Submit a typical detail of the containment curb and specify the materials of construction.

SHOW LOCATION OF CHEMICAL STORAGE AREA(S)

(3.) Interior walls and floors within all spill containment areas shall be cleaned, repaired and sealed with an epoxy type sealant which is compatible with materials located within said areas. Provide this office with manufacturer's literature of selected sealant and indicate on drawing areas to be sealed.

IF applicable

(4.) The contact joint for spill containment walls or dikes constructed on existing concrete, masonry, or asphalt shall be bonded to the existing surface. Provide this office with manufacturer's literature of the selected bonding agent and indicate on drawing areas to be bonded.

IF applicable

5. All tanks containing acid and cyanide materials that are located within the vicinity of each other are required to have a spill containment system installed to prevent the mixing of acid and cyanide spills leading to the evolution of deadly hydrogen cyanide (HCN) gas. Other incompatible materials must also be provided with spill containment.

(6.) Provide the name of the legal waste hauler that will remove any liquid or solid industrial wastes generated by the facility.

IF applicable

(7.) No floor drains connected to public sewers shall be allowed in warehouses and other facilities that store toxic or flammable materials.

(8.) No floor drains shall be allowed in spill containment areas.

9. Other:

10. CONDENSATE FROM AIR COMPRESSORS SHALL BE COLLECTED AND HAULED TO A LEGAL POINT OF DISPOSAL. COPIES OF THE HAZARDOUS WASTE MANIFEST SHALL BE SUBMITTED TO THE COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS, DIVISION OF WASTE MANAGEMENT.

SEWER ALLOCATION AND SEWER CAPACITY CLEARANCE

In an industrial/commercial zone area, the allocable peak discharge rate to the public sewer from a property is calculated at 0.021 cubic feet per second per acre, equivalent to 9.4 gallons per minute per acre. However, for facilities less than an acre, a maximum discharge rate of 7.5 gallons per minute is allocated. ~~Per above criteria your property does not have enough acreage to justify the proposed peak discharge rate of ___ gallons per minute.~~

Therefore you must:

A. Obtain a sewer capacity clearance from Land Development Division of this Department. For information, please contact Mr. Augie Ibalio at (818) 458-3772.

B. In lieu of Item (A) above, you may modify your system to reduce the discharge rate to the allocable rate.

Other:

CHEMICAL ANALYSIS REQUIREMENTS

1. For systems with chemical pretreatment of wastewater, submit a systematic step-by-step description of the treatment sequence. Show on plans all tanks, piping, equipment, control instruments, valves, etc., and names and amounts of chemicals used daily in the treatment of wastewater. Submit MSDS for all chemicals with manufacturer's trade name.

2. Furnish chemical analyses of industrial wastewater. Analyses must be performed by a State certified laboratory. You are required to test for:

a)	Flow (Total)	j)	Silver	q)	Phenols (EPA 604)
b)	Flow (Peak)	k)	Zinc	r)	Other
c)	pH	l)	Arsenic		
d)	Oil and Grease	m)	Cyanide (Total)		
e)	Cadmium	n)	Cyanide (Amenable)		
f)	Chromium	o)	Purgeable Halocarbons (EPA 601 or 624)		
g)	Copper				
h)	Lead	p)	Purgeable Aromatics (EPA 602 or 624)		
i)	Nickel				

3. Other:

GENERAL REQUIREMENTS

1. Uncontaminated water such as one-pass cooling water must not be discharged to the sewerage system. Provide plans or other information which describes a method of reuse, recirculation or an alternative means of disposal of one-pass cooling water or other uncontaminated water.

2. Submit pump curves for all pumps that you have selected so that the proposed flow rate can be verified.

3. A closure permit is required for the closure of the _____. A permit fee of $ _____ is required, payable to the County of Los Angeles Department of Public Works.

4. All underground storage facilities are to be reviewed by this office to determine if they would be subject to Los Angeles County Code, Title 11, Division 4, Underground Storage of Hazardous Materials regulations. For information please contact Mr. Bahman Hajialiakbar of this office at (818) 458-3510.

5. Provide a schematic mass balance flow diagram of the plant wastewater sources from water supply to wastewater discharge. Show water and wastewater flow rates, evaporation losses, losses to product, etc.

6. A description of liquid waste materials leaving the plant other than in the industrial wastewater discharged to the sewerage system must be provided, indicating types of materials and daily qualities.

7. Trailer sewage disposal stations shall be designed per County Standard Drawing enclosed. Approval of the County Sanitation Districts of Los Angeles County is required.

8. Other:

REQUIREMENTS FOR CATEGORICAL INDUSTRIES

1. Provide an automatic full-time total flow measurement system with flow indication, totalization, and recording and show on plans.

2. Provide this office with the usable floor area (square feet) of your facility.

3. Submit detailed drawings indicating location, identification, capacity and material of construction for all chemical/rinse tanks and associated plumbing.

4. Indicate frequency and method of cleaning and/or emptying chemical/rinse tanks.

5. Submit a plan showing outdoor storage tanks, spill containment details, cooling tower, fume scrubber and boiler facilities.

6. Furnish chemical analysis and other data required on the enclosed County Sanitation Districts' Critical Parameter Report Form or Additional Information Questionnaire.

7. Submit scaled drawings for all wastewater [ ] pretreatment facilities, [ ] holding facilities.

8. Provide an automatic effluent pH control and recording system and show on plans.

9. A baseline monitoring report is required. Please complete and sign the enclosed report.

10. A total toxic organics survey report is required. Please complete and sign the enclosed report.

11. A secured sampling facility is required. It shall be constructed per Co. Std. Dwg. I-13, copy enclosed.

12. Location of the approved sampling facility shall be approved by this office prior to its installation.

13. Other:

RESTAURANTS AND FOOD PROCESSING OPERATIONS

1. A grease interceptor is required (Co. Std. Dwg. I-15). Provide and show on plans. A trap, clean out, and vent is required per County Plumbing Code. The interceptor shall have a minimum 750-gallons capacity, and shall provide a minimum of 30 minutes retention time at peak flow rate. The interceptor shall have no sampling box.

2. Submit a kitchen equipment schedule and identify the location of each piece of equipment on the plans.

3. Indicate on the plans the location and the horsepower of the proposed garbage disposer.

4. The sewer lines from rest rooms, water fountain, garbage disposer, etc., should by-pass the grease interceptor and be shown connected downstream from it.

5. Indicate by a note on the plans that the rangehood filters washwater will be discharged through the grease interceptor or cleaning of the filters will be done off-site by a service company.

6. The plans should be approved by the County Health Department prior to approval from this Department.

7. Indicate on the plans the areas for washing cans, carts, mats, etc. The washwater generated from these operations should be routed through the grease interceptor.

8. Discharge from the dishwasher shall not pass through the grease interceptor.

9. Other:

APPLICATION(S),_____ SETS OF REVISED PLANS AND SUPPORTING INFORMATION MUST BE RETURNED TO [ ] THIS OFFICE, [ ] CITY OF _____ BY_____. ONE SET OF PLANS HAS BEEN RETAINED FOR REFERENCE.

CHECKED BY:_____

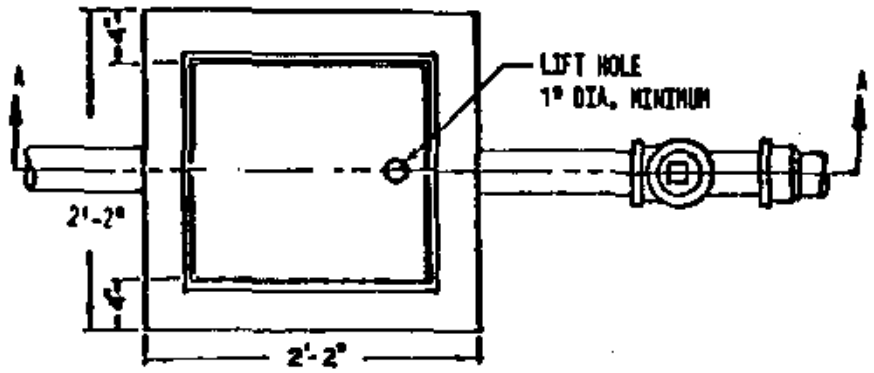
DATE:_____

TELEPHONE: (818) 458-____

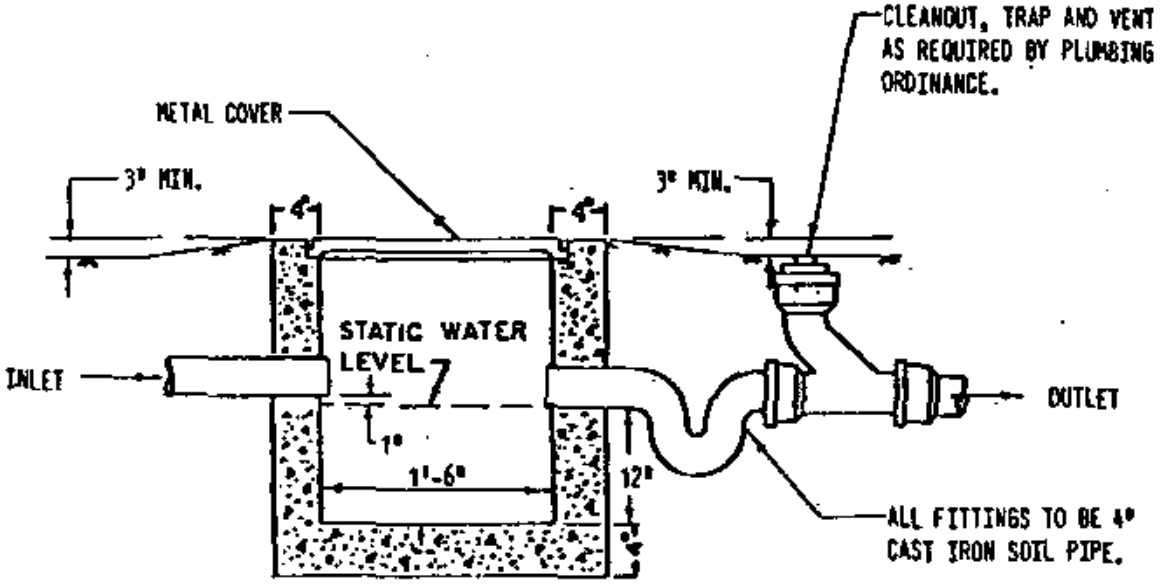
ADDITIONAL COMMENTS:

WP8/IWPCC

SAMPLING BOX



PLAN
WITH COVER REMOVED



SECTION A - A

NOTES:
THE APPROVAL OF THE COUNTY ENGINEER MUST BE OBTAINED BEFORE INSTALLATION. IF INSTALLED OUTSIDE OF A BUILDING, ELEVATE THE SIDEWALLS ABOVE THE SURROUNDING GROUND SURFACE TO EXCLUDE STORM WATER. IF LOCATED INSIDE OF A BUILDING, THE TOP OF SAMPLING BOX MAY BE LEVEL WITH FLOOR PROVIDED THAT WASTE ENTER THROUGH INLET PIPE ONLY. ALL SURFACE WATER MUST DRAIN AWAY FROM SAMPLING BOX TO EXCLUDE RAINWATER FROM THE PUBLIC SEWER.

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER-FACILITIES
SANITATION DIVISION

APPROVED

ASSISTANT DEPUTY

COUNTY ENGINEER

COUNTY ENGINEER STANDARD I-12

DATE: MARCH 1981
REVISION:

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
PROGRAM JURISDICTIONS

21-Aug-91

CITY	CODE	IW	UST
AGOURA HILLS	5H	Y	Y
ALHAMBRA	3I		Y
ARCADIA	3N		Y
ARTESIA	1D	Y	Y
AVALON	2X		Y
AZUSA	6A		Y
BALDWIN PARK	3X		Y
BELL	2A		Y
BELL GARDENS	3Y	Y	Y
BELLFLOWER	1J	Y	Y
BEVERLY HILLS	5A	Y	Y
BRADBURY	3Q		Y
BURBANK	3E		
CALABASAS	5K	Y	Y
CARSON	22	Y	Y
CERRITOS	1E	Y	Y
CLAREMONT	6G		Y
COMMERCE	3V	Y	Y
COMPTON	2P		Y
COVINA	6B		Y
CUDAHY	2Y	Y	Y
CULVER CITY	2M	Y	Y
DIAMOND BAR	6M	Y	Y
DOWNEY	1F		Y
DUARTE	3R	Y	Y
EL MONTE	3C		Y
EL SEGUNDO	2N	Y	Y
GARDENA	2B	Y	Y
GLENDALE	3D		
GLENDORA	6D		Y
HAWAIIAN GARDENS	1P	Y	Y
HAWTHORN	2C		Y
HERMOSA BEACH	2V		Y
HIDDEN HILLS	5B		Y
HUNTINGTON PARK	2D		Y
INDUSTRY	6H		Y
INGLEWOOD	2E		Y
IRWINDALE	3S	Y	Y
LA CANADA FLINTRIDGE	3Z	Y	Y
LA HABRA HEIGHTS	1Q		Y
LA MIRADA	1N	Y	Y
LA PUENTE	6J	Y	Y
LA VERNE	6E	Y	Y
LAKEWOOD	1B	Y	Y
LANCASTER	4B		Y
LAWNDALE	2W	Y	Y
LOMITA	2Z	Y	Y
LONG BEACH	1C		
LOS ANGELES	2F,3F		
LYNWOOD	2G		Y
MALIBU	5E		Y
MANHATTAN BEACH	2U		Y
MAYWOOD	2H		Y
MONROVIA	3G		Y
MONTEBELLO	3H		Y
MONTEREY PARK	3M	Y	Y
NORWALK	1K	Y	Y
PALMDALE	4A	Y	Y
PALOS VERDES EST	2T		Y
PARAMOUNT	1G	Y	Y
PASADENA	3J		
PICO RIVERA	1L	Y	Y
POMONA	6K		Y
RANCHO PALOS VERDES	23	Y	Y
REDONDO BEACH	2S		Y
ROLLING HILLS	2Q		Y
ROLLING HILLS EST	2R	Y	Y
ROSEMEAD	3P	Y	Y
SAN DIMAS	6I	Y	Y
SAN FERNANDO	5D	Y	
SAN GABRIEL	3B		Y
SAN MARINO	3K		Y
SANTA CLARITA	7A	Y	Y
SANTA FE SPRINGS	1H		Y
SANTA MONICA	5C		
SIERRA MADRE	3W		Y
SIGNAL HILL	1M		Y
SOUTH EL MONTE	3U	Y	Y
SOUTH GATE	2J		Y
SOUTH PASADENA	3A		Y
TEMPLE CITY	3T	Y	Y
TORRANCE	2K		
VERNON	3L		
WALNUT	6L	Y	Y
WEST COVINA	6C		Y
WEST HOLLYWOOD	5J	Y	Y
WESTLAKE VILAGE	5G	Y	Y
WHITTIER	1A		Y
UNINCORPORATED	1,2,25	Y	Y
"	26,29,3	Y	Y
"	39,4,5	Y	Y
"	59,6,7	Y	Y

hmusp\cityjurs

February 13, 1992

I-16728-3S

Mr. Norb Parsoneault
2716 San Fernando Rd.
Los Angeles, CA 90065

INDUSTRIAL WASTE DISPOSAL PERMIT
14005 LIVE OAK AVENUE, IRWINDALE

The application/plans you have submitted have been reviewed by this office, and are NOT approved because additional information is required to allow proper evaluation of your operations and their possible effects on the sewerage system and environment. The plans are hereby returned less one reference copy for our file. Please revise your submittal in accordance with the items indicated below:

(1) Submit an industrial wastewater plumbing plan showing all floor drains, floor sinks, service sinks and waste lines and facilities for handling industrial wastewater from the point of origin to the connection to the [X] public sewer, [ ] ~~private disposal system,~~ [ ] ~~holding facility,~~ [ ] _____. All equipment or facilities generating industrial wastewater must be identified on plans.

(2) Processes, equipment, or facilities generating wastewater flow must be identified, described, and shown on the plans. The tanks in the process area should be numbered and a separate schedule provided indicating the dimensions, material make and information on the contents.

(3) Provide and show on plans a sampling box (Co. Std. Dwg. I-12). A trap, cleanout, and vent are required per County Plumbing Code. The sample box shall be connected downstream of pretreatment facilities and upstream of sanitary waste.

(4) A silver recovery unit is required. Provide and indicate its location on the plans. Submit its operational specifications to this office.

FIELD AREAS OF RESPONSIBLITY (REGION/CITY CODES)

4/03/91

BELLFLOWER DISTRICT

1 Unincorporated*
1A Whittier**
1B Lakewood*
1C Long Beach
1D Artesia*
1E Cerritos*
1F Downey**
1G Paramount*
1H Santa Fe Springs**
1J Bellflower*
1K Norwalk*
1L Pico Rivera*
1M Signal Hill**
1N La Mirada*
1P Hawaiian Gardens*
1Q La Habra Heights**

CENTINELA VALLEY (LOMITA)

2 Unincorporated*
2B Gardena*
2K Torrance
2M Culver City*
2Q Rolling Hills**
2R Rolling Hills Estates*
2S Redondo Beach **
2T Palos Verdes Estates**
2U Manhattan Beach**
2V Hermosa Beach**
2X Avalon**
2Z Lomita*
22 Carson*
23 Rancho Palos Verdes*
25 MDR-Unincorporated*
26 Channel Islands (Unin.)*

5C Santa Monica

LENNOX DISTRICT

2A Bell**
2C Hawthorne**
2D Huntington Park**
2E Inglewood**
2F Los Angeles
2G Lynwood**
2H Maywood**
2J South Gate**
2N El Segundo*(1)
2P Compton**
2W Lawndale*
2Y Cudahy*
29 Unincorporated

5J West Hollywood*
59 Malibu-Unincorporated*
5A Beverly Hills*
5E Malibu

SAN GABRIEL VALLEY (ARCADIA)

3 Unincorporated*
3A South Pasadena**
3B San Gabriel**
3C El Monte**
3D Glendale
3E Burbank
3F Los Angeles
3G Monrovia**
~~3I Alhambra**~~
3J Pasadena
3K San Marino**
3N Arcadia**
3P Rosemead*
3Q Bradbury**
3R Duarte*
3S Irwindale*
3T Temple City*
3U South El Monte*
3W Sierra Madre**
3X Baldwin Park**
3Z La Cañada-Flintridge*

5 Calabasas (Unin.)*
5B Hidden Hills**
5G Westlake Village*
5H Agoura Hills*
5K Calabasas*

SAN DIMAS REGION

6 Unincorporated*
6A Azusa**
6B Covina**
6C West Covina**
6D Glendora**
6E La Verne*
6G Claremont**
6H Industry**
6I San Dimas*
6J La Puente*
6K Pomona**
6L Walnut*
6M Diamond Bar*

EAST LOS ANGELES DISTRICT

3I Alhambra
3H Montebello**
3L Vernon
3M Monterey Park*
3Y Bell Gardens*
3V Commerce*
39 East L.A. (Unin.)*

NEWHALL REGION

4 Unincorporated*
4A Palmdale*
4B Lancaster**

5D San Fernando***
5F Los Angeles

7 Unincorporated*
7A Santa Clarita*
7F Los Angeles

* Industrial Waste and HMUSP
** HMUSP Only
*** Industrial Waste Only
(1) Industrial Waste for Area West of Sepulveda Boulevard

JB:jk(cpt)/RC

(5) Provide and show on plans all storage areas for chemicals and/or waste materials stored at the subject facility, with a tank/drum schedule indicating tank capacities, materials of construction, and contents. Provision for spill containment is required where the materials can enter the sewer system or contaminate the soil. Spill containment should be designed for the volume of the largest tank or 10 percent of the drum total (whichever is greater), plus 6 inches rainfall over the containment area (if outdoors). Submit a typical detail of the containment curb and specify the materials of construction.

(6) Interior walls and floors within all spill containment areas shall be cleaned, repaired and sealed with an epoxy type sealant which is compatible with materials located within said areas. Provide this office with manufacturer's literature of selected sealant and indicate on drawing areas to be sealed.

(7) The contact joint for spill containment walls or dikes constructed on existing concrete, masonry, or asphalt shall be bonded to the existing surface. Provide this office with manufacturer's literature of the selected bonding agent and indicate on drawing areas to be bonded.

(8) Provide the name of the legal waste hauler that will remove any liquid or solid industrial wastes generated by the facility.

(9) No floor drains connected to public sewers shall be allowed in warehouses and other facilities that store toxic or flammable materials.

(10) No floor drains shall be allowed in spill containment areas.

(11) Return four sets of revised plans to this office within 30 days from the date of this letter.

If you have any questions regarding this matter, please contact Mr. Michael Whitehead of this office at (818) 458-3557, Monday through Thursday,

To Mike Whitehead

Date 2-13-92 Time 9:35 (a.m.) p.m.

A MESSAGE FOR YOU

Mr.
Mrs.
Miss Luis Ramirez

of City of Irwindale

Phone (818) 962 3419

Telephoned		Please Call	
Called To See You		Will Call Again	
Wants to See You		Returned Your Call	✓

Message Hughes
14605 Live Oak
Public Sewer
at Hughes Market

Message Taken By Cindy

76T275

15 inch sewer line from
Live Oak to Center
to Ramona

TO: Cashier

FROM: Waste Management Division
Industrial Waste Control Program

RECEIPT REQUEST (SUBMIT IN DUPLICATE)

[X] Receipt the attached funds for the Industrial Waste Control Program applications indicated below.

[ ] Distribute the funds received on the attached Department Receipt as indicated below.

RECEIVED OF: Richard A. O'Connell + John H Navarro

FIRM NAME: Hughes Market

MAILING ADDRESS: 18537 Arrow Highway No. N208

Covina CA ZIP: 91722

SITE LOCATION: 14005 Live Oak

FILE NUMBER: _____ AREA CODE: _____

Transaction Type	Revenue Code	Amount
[X] Industrial Waste Contract City of Irwindale	V09-7700	$114 -
[ ] Industrial Waste Permit	A01-9389	
[ ] Industrial Waste Plan Check	A01-9790	
[ ] Industrial Waste Closure	A01-9791	
[ ] Wastewater Sampling/Misc. Service	A01-9792	
[ ] Other		
		$114 -

Total Amount
[ ] Cash [X] Check # 128
2/10/92

Return to Waste Management Division with Department Receipt.

DEPARTMENT RECEIPT NUMBER: _____

DATE: _____

BY: _____

THIS IS NOT A RECEIPT - DO NOT VALIDATE

#85

1d4/RECEIPT

16-24/606
1220(7)

WELLS FARGO BANK

128

AZUSA OFFICE 700 NORTH AZUSA AVENUE AZUSA, CA 91702

February 10 1992

PAY TO THE ORDER OF County of L.A. Dept of Public Works $ 114.00

One hundred and fourteen and 00/100 DOLLARS

RICHARD A. O'CONNELL
JOHN H. NAVARRO
18537 ARROW HIGHWAY NO. N208
COVINA, CA 91722

MEMO office - Industrial W

⑆122000247⑆ 128 0606 400406⑈

AMF/SIIR

15636-38592

Prepared for:
TA Realty
California

SCANNED
JAN 30 2012
AK



CORR # 480641

Supplemental Site Assessment Report
Former Family Hughes Market
5305 Rivergrade Road
Irwindale, California
File No. 15636-38592

ENSR Corporation
March 31, 2006
Document No.: 06489-085-004

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ENSR | AECOM

Prepared for:
TA Realty
California

Supplemental Site Assessment Report

Former Family Hughes Market
5305 Rivergrade Road
Irwindale, California
File No. 15636-38592

This report was prepared consistent with currently and generally accepted environmental consulting principles and practices. The material and data in this report were prepared under the supervision and direction of the undersigned.

Prepared By
Jason Perry
Staff Geologist

Reviewed By
Robert Baca
Project Manager

Reviewed By
Michael Flack, P.G., C.E.G.
Senior Program Manager

ENSR Corporation
March 31, 2006
Document No.: 06489-085-004

ENSR | AECOM

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1.0 Executive Summary

From 1992 to 1998 the property at 5305 Rivergrade Road, Irwindale, California operated a fueling station on-site to service delivery vehicles. The underground storage tanks (USTs), fuel dispensers, and associated piping were removed in July 2003. During the UST removal, visual inspection by others did not report damage or leakage from the USTs. Soil surrounding the USTs did not exhibit discoloration or odor. In addition to the soil excavated to remove the USTs, additional soil was excavated in August and September 2003. The excavations were backfilled with imported fill and resurfaced with six inches of steel-reinforced concrete. The excavations at the UST location extended to depths of 17 to 21 feet below ground surface (bgs) and dispenser excavations ranged from 4 to 11 feet bgs. Approximately 47 tons of hydrocarbon-impacted soil were excavated and removed at this time.

At the completion of the 2003 excavations, maximum total petroleum hydrocarbons as diesel (TPH-d) and methyl tertiary-butyl ether (MTBE) concentrations detected on-site were 15 milligrams per kilogram (mg/kg) (below fuel dispenser FD5) and 0.071 mg/kg (at 17 feet deep at tank T1A), respectively. It was concluded by URS (2003) that additional excavation would undermine the concrete slab adjacent to the building. Subsequently, the LADPW requested additional assessment to evaluate the extent of hydrocarbon-impacted soil on June 10, 2004.

The supplemental assessment was performed in accordance with the Site Assessment Workplan dated November 2, 2006 (ENSR 2005), and correspondence with the LADPW approving the workplan dated December 21, 2005. The assessment included seven soil borings to depths ranging from approximately 35 to 43 feet bgs, and collection of 39 soil samples. The results of the assessment are as follows:

- Benzene was detected at a maximum concentration of 12 mg/kg in soil samples collected from SB-5 at a depth of approximately 20 feet bgs. In general, benzene was not reported in the majority of samples collected above the laboratory practical quantitation limit (PQL).
- Total petroleum hydrocarbons as gasoline (TPH-g) impacts to the soil appear to be localized to shallow soils (10 to 20 feet deep) in the vicinity of the former fuel dispensers. In general, TPH-g concentration attenuate with depth and the majority of laboratory results for TPH-g below 20 feet bgs were not reported at concentrations above the laboratory PQL.
- TPH-d impacts (greater than 100 mg/kg) appear to be localized to shallow soils (10 to 20 feet bgs) in the vicinity of the former fuel dispensers. TPH-d was not detected above the laboratory PQL in soil samples collected at depths from approximately 30 to 35 feet bgs with the exception of SB-6 (69 mg/kg and 38 mg/kg at 30 feet and 35 feet, respectively).
- TPH-g and TPH-d concentrations generally attenuate with depth and are not generally detected above the laboratory PQL in the samples collected from the target depths of the borings (35 to 40 feet).
- According to the Los Angeles County Department of Public Works (LADPW 2006), depth to regional groundwater was approximately 178 feet bgs beneath the site in September 2005.

Based on these observations, it is unlikely that residual hydrocarbons will pose a threat to local groundwater. ENSR recommends that LADPW issue a No Further Action letter for the site.

2.0 Introduction

This report presents the results of confirmation soil sampling at the former Family Hughes Market, 5305 Rivergrade Road, Irwindale, California (Figure 1). This report was prepared by ENSR on behalf of the The Realty Associates Fund V, L.P. (TA Realty). The assessment program was conducted in response to correspondence from the LADPW Environmental Programs Division dated June 13, 2005 requesting vertical and lateral delineation of hydrocarbon-impacted soil. The extent of the petroleum hydrocarbons were not delineated following removal of the USTs and fuel conveyance lines, and subsequent remedial excavation program.

The work was performed in accordance with the LADPW approved Site Assessment Workplan dated November 2, 2005 (ENSR 2005) and subsequent approval in a letter from the LADPW dated December 21, 2005. The following sections summarize the site background, field sampling plan and data collection activities, analytical laboratory program, and the report preparation.

The scope of work included the following tasks:

- Advance two soil borings (SB-1 and SB-2) in the vicinity of the former USTs to a depth of approximately 45 feet bgs.
- Advance five soil borings (SB-3 and SB-7) in the vicinity of former fuel dispensers FD-1, SFD-1, SFD-2, SFD-3, and FD-6 to depths of approximately 35 feet bgs.
- Collect soil samples from each soil boring at approximately five-foot depth intervals to evaluate the extent of residual hydrocarbons in the soil.

Soil boring SB-2 at the former location of UST1 was moved approximately five feet to the northwest of the proposed location because refusal was encountered. Soil boring SB-2 was advanced to a depth of approximately 42 feet bgs rather than the target depth of 45 feet bgs because refusal was encountered. Samples were not collected at the final depths of soil borings SB-1 and SB-2 (45 and 42 feet bgs, respectively) because the sampler was unable to collect soil due to refusal in gravelly soil.

3.0 Background

3.1 Site Status/Site History

The site previously operated a fuel station on-site to serve delivery vehicles. The USTs associated with the gas station were used from 1992 to 1997 to 1998. Two 12,000-gallon diesel double-walled Plasteel USTs, one 12,000-gallon gasoline double-walled Plasteel UST, fuel dispensers, and associated piping were removed by TA Realty on July 23, 2003 (URS 2003). The excavations at the UST location extended to a depth of 17 feet. Observations made during the UST removal did not detect damage or leakage from the USTs, nor did soil surrounding the USTs exhibit discoloration or odor (URS 2003).

Based on TPH data obtained in July 2003, additional soil was excavated in August 2003. Soil was excavated in the vicinity of the former locations of fuel dispensers to depths ranging from 8 to 9.5 bgs, and UST T2 to a depth of approximately 21 feet bgs. On September 28, 2003, a third excavation was performed in the vicinity of the former locations of dispensers FD-1 and FD-2 to a depth of approximately 11 feet bgs to remove residual impacts detected during the previous excavation.

At the completion of the 2003 excavations, maximum TPH-d and MTBE concentrations detected from soil samples collected at the base of the excavation were 15 mg/kg (4 feet deep at FD5) and 0.071 mg/kg (at 17 feet deep at tank T1A), respectively. Based on confirmation soil sampling following this final excavation event, URS (2003) recommended that additional excavation would undermine the concrete slab adjacent to the fieldwork, and that no further excavation be performed. In all, 47 tons of soil was excavated and transported off-site for disposal. The excavations were backfilled with imported fill and resurfaced with six inches of steel-reinforced concrete and a request for site closure was submitted to LADPW.

The LADPW responded to TA Realty in a letter dated June 10, 2004, that additional assessment was required to evaluate the extent of hydrocarbon-impacted soil (Appendix A). In March 2005, URS, on behalf of TA Realty, submitted a workplan to the LADPW proposing two soil borings in the vicinity of UST T1 and UST T2. In electronic correspondence dated June 13, 2005, the LADPW indicated that the subsurface assessment should include up to ten soil borings in the vicinity of UST T1, UST T2, and the fuel dispensers.

In response to the LADPW correspondence, and based on telephone conversations with LADPW, ENSR, on behalf of TA Realty, submitted a site assessment workplan on November 2, 2005 proposing that seven soil borings be installed in the vicinity of the former USTs and fuel dispenser to evaluate the lateral and vertical extent of residual hydrocarbons. The proposed work was approved, via facsimile, by the LADWP on December 21, 2005 (Appendix A).

3.2 Site Geology/Hydrogeology

The site is located in the northern half of the San Gabriel Valley and approximately 3.5 miles south of the San Gabriel Mountains. Soil beneath the site consists primarily of alluvium deposits consisting of unconsolidated gravel and sand (URS 2003). Soil encountered during this assessment consisted primarily of sandy gravel (Appendix B). Previous assessments show that sand and gravel extend to depths greater than 500 feet bgs. The sand and gravel deposits are underlain by older alluvial deposits consisting of gravel, sand, silt, and clay to depths greater than 2,000 feet bgs (URS 2003). The middle and upper Miocene Puente and Topanga Formations underlie the alluvial deposits to an unknown depth (URS 2003).

The site is located in the central area of the San Gabriel Valley Groundwater Basin. The Basin is bounded to the north by the San Gabriel Mountains, to the south and west by the San Jose, Puente, Merced, and Repetto Hills, to the northwest by the Raymond fault, and to the east by uplifted bedrock. The principle water bearing units consist of unconsolidated and semi-consolidated alluvial sediments.

The nearest municipal well to the site is Los Angeles County Well No. 4239H, located approximately 1,700 feet to the south (Figure 1). Depth to water measurements taken from Well No. 4239H in September 2005 indicate that groundwater beneath the site is approximately 178 feet bgs (LADPW 2006). The gradient and flow

direction of the shallow aquifer is not known, but the regional topography suggests that groundwater flows to the south-southwest toward Whittier Narrows (DWR 1988).

4.0 2006 Field Investigation

4.1 Pre-Field Activities

4.1.1 Health and Safety Plan

A Health and Safety Plan (HASP) was prepared for the on-site activities. The HASP provides an assessment of known hazards and evaluations of the risks associated with conducting the field work at the subject property. Available site information has been examined to select and implement appropriate warnings and safeguards for field personnel. A site safety briefing and daily tailgate safety briefs were conducted on site before fieldwork commenced. The HASP was on-site for reference through the duration of the assessment.

4.1.2 Underground Utility Clearance

The proposed boring locations were marked in white spray paint. ENSR contacted Underground Service Alert (USA) to locate and mark the underground utilities in the vicinity of the proposed soil boring location. The USA ticket number assigned was A30390.

4.1.3 Permits

Since the soil borings were on-site and did not encounter the groundwater table, no permits were required from the County of Los Angeles.

4.1.4 Overhead Clearance

The canopy overlying the dispenser islands was removed to facilitate soil borings in the locations requested by the LADPW.

4.2 Borehole Clearance

From January 16 to January 17, 2006, ENSR personnel directed the clearance of seven soil boring locations. Cascade Drilling, Inc. (Cascade) of Norwalk, California, air-knifed the boreholes to depths from approximately four to six feet bgs. The air-knife rig cleared an additional borehole on January 19, 2006

4.3 Soil Boring/Soil Sampling

From January 17 to January 19, 2006, ENSR personnel directed the advancement of two soil borings, SB-1 and SB-2, in the vicinity of the former USTs to total depths of approximately 45 and 42 feet bgs, respectively, (Soil Boring SB-2 at the former location of UST1 encountered refusal at approximately 42 feet bgs.) Five soil borings, SB-3 through SB-7, were drilled in the vicinity of the former fuel dispensers to total depths of approximately 35 feet bgs. Cascade provided hollow-stem auger drilling services utilizing a CME 75 drill rig equipped with continuous flight hollow-stem augers. The locations of the soil borings are shown on Figure 2.

Soil samples were collected between 10 and 45 feet bgs at five-foot intervals using a California-modified split-spoon sampler. Detailed boring logs for this assessment are included in Appendix B. Soil samples were screened for volatile organic vapors using a MiniRAE 2000 photoionization detector (PID) with a 10.6eV lamp, calibrated to isobutylene. Samples retained for laboratory analysis by EPA Method 8260 were field preserved per EPA Method 5035. In addition, a portion of each sample was retained in the brass sample liners and capped with Teflon® end-caps. All samples collected were placed in an ice-cooled chest, and transported to Calscience Environmental Laboratories, Inc. (Calscience) in Garden Grove, California for analysis. Calscience is a state of California-certified hazardous materials testing laboratory (DHS No. 1230).

Sampling equipment was cleaned between borings by washing in a solution of trisodium phosphate and water and rinsed twice with water. Augers were steam-cleaned prior to use and between boreholes. Soil cuttings generated during drilling and decontamination rinseate were temporarily stored in labeled, Department of Transportation (DOT) approved, 55-gallon drums.

4.4 Laboratory Analysis for Soil

Soil samples were analyzed for:

- TPH-g and TPH-d by EPA Method 8015,
- Benzene, toluene, ethylbenzene, and xylenes (BTEX), and oxygenates including di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tert-amyl methyl ether (TAME), tert-butanol alcohol (TBA), ethanol, and MTBE by EPA Method 8260B.

4.5 Laboratory Results for Soil

TPH-g, TPH-d, BTEX, and oxygenate compounds were detected at maximum concentrations as follows:

Contaminant	Maximum Concentration	Sample ID	Depth (feet bgs)
TPH-g	240 mg/kg	SB-5-10	10
TPH-d	7,800 mg/kg	SB-5-10	10
Benzene	12 µg/kg	SB-5-20	20
Toluene	1.4 µg/kg	SB-1-20	20
Ethylbenzene	7.0 µg/kg	SB-7-10	10
Xylenes	66 µg/kg	SB-5-10	10
TBA	400 µg/kg	SB-5-20	20

mg/kg = milligrams per kilogram, µg /kg = micrograms per kilogram
Note: Table does not include "B" or estimated values

MTBE, DIPE, ETBE, TAME, and ethanol were not detected in soil above the laboratory practical quantitation limits. Laboratory results for soil are contained in Tables 1 and 2. Historical results for soil are contained in Tables 3 and 4. A copy of the laboratory report and chain-of-custody forms is provided in Appendix C.

4.6 Investigative-Derived Waste Management

Soil cuttings generated during drilling activities and cement blocks generated during the borehole clearance activities was stored in twenty 55-gallon steel drums. One drum containing rinseate water from equipment cleaning was also generated during drilling activities. The drums containing soil and water were transported to a California-certified disposal facility by Philip Services Corporation on February 9, 2006. Copies of the disposal manifests are provided in Appendix D.

5.0 Discussion of Results

Based on the analytical laboratory results for this assessment, the following interpretations were made:

MTBE

Was not detected in soil samples collected during this assessment.

BTEX and fuel oxygenates

- Benzene was detected at a maximum concentration of 12 µg/kg, which is below EPA preliminary remediation goals (PRGs) for benzene in industrial soil (1,400 µg/kg). The majority of laboratory results for benzene are near or below the laboratory detection limit (0.5 mg/kg).
- Toluene (15 µg/kg), ethylbenzene (7.0 µg/kg), xylenes (66 µg/kg), and TBA (400 µg/kg) are also well below EPA PRGs for industrial soil (520,000, 400,000, 420,000, and 61,000,000 µg/kg, respectively).
- Fuel oxygenates DIPE, ETBE, TAME, and ethanol were not detected above the laboratory PQL in soil samples collected during the assessment.

TPG-g

- TPH-g was detected above the laboratory PQL in one soil sample (SB-2-40) at a concentration of 0.45 mg/kg.
- TPH-g impacts to the soil appear to be localized to shallow soils (10 to 20 feet deep) in the vicinity of the former fuel dispensers. In general, TPH-g concentration attenuate with depth and the majority of laboratory results for TPH-g below 20 feet bgs were not detected at concentrations above the laboratory PQL.

TPH-d

- TPH-d concentrations were not detected in the vicinity of the former USTs. No TPHd was detected at the former UST UST2 (SB-1) to a depth of 40 feet. Low concentrations of TPH-d (below 100 mg/kg) were detected below UST1 (SB-2)
- Significant TPH-d impacts (greater than 100 mg/kg) to the soil appear to be localized to shallow soils (10 to 20 feet bgs) in the vicinity of the former fuel dispensers. TPH-d was not detected above the laboratory PQL in soil samples collected at depths from approximately 30 to 35 feet bgs with the exception of SB-6 (69 mg/kg and 38 mg/kg at 30 feet and 35 feet, respectively).

6.0 Conclusions and Recommendations

ENSR recommends that no further work be conducted at the site based on the following observations:

- TPH-g and TPH-d concentration attenuate with depth and are not detected above the laboratory PQL in the samples from the final depths if the borings (35 to 40 feet).
- The lateral and vertical extents of residual hydrocarbons are limited to depths ranging from 10 to 20 feet bgs at concentrations above 100 mg/kg.
- BTEX was detected at concentrations orders of magnitude below EPA PRGs and MTBE was not detected in soil samples collected during the assessment.
- Approximately 47 tons of hydrocarbon-impacted soil were removed during three excavation events in 2003.
- Depth to water reportedly occurs at a depth of approximately 200 feet bgs.

Based on these observations, it is unlikely that residual hydrocarbons will pose a threat to local groundwater.

Tables

Table 1
January 2006
Laboratory Analytical Results for Soil
Former Family Hughes Market
5303 Rivergrade Road
Irwindale, California

WELL ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	TPH-G (mg/kg)	TPH-D (mg/kg)	B (µg/kg)	T (µg/kg)	E (µg/kg)	X (µg/kg)	MTBE (µg/kg)
SB-1	SB-1-20	20	1/18/06	0.14J	<5.0	0.24J	1.4	1.0J	6.7	<2.7
	SB-1-30	30	1/18/06	0.13J	<5.0	0.17J	0.35J	<0.98	0.18J	<2.0
	SB-1-35	35	1/18/06	<0.41	<5.0	<2.3	0.88J	<2.3	<2.3	<4.6
	SB-1-40	40	1/18/06	0.20J	<5.0	0.29J	0.53J	<0.85	0.21J	<1.7
SB-2	SB-2-20	20	1/19/06	<0.47	8.5	0.29J	0.58J	<1.8	0.54J	<3.6
	SB-2-25	25	1/19/06	<0.31	13	0.28J	0.74J	<1.6	0.42J	<3.3
	SB-2-30	30	1/19/06	0.13J	6.2	0.27J	0.34J	<1.2	0.35J	<2.3
	SB-2-35	35	1/19/06	0.15J	11	1.4J	2.3J	0.84J	1.8J	<4.7
	SB-2-40	40	1/19/06	0.45	13	0.46J	0.50J	0.16J	0.28J	<2.1
SB-3	SB-3-10	10	1/17/06	21	560	0.45J	0.66J,B	0.61J	4.7	<2.5
	SB-3-15	15	1/17/06	0.17J	<5.0	0.33J	0.44J,B	<2.0	<2.0	<4.0
	SB-3-20	20	1/17/06	0.18J	6.0	0.27J	0.31J,B	<1.3	<1.3	<2.6
	SB-3-25	25	1/17/06	0.45J	5.2	0.27J	0.36J	<1.3	<1.3	<2.5
	SB-3-30	30	1/17/06	<0.42	<5.0	0.38J	0.44J,B	<1.2	<1.2	<2.4
	SB-3-35	35	1/17/06	0.33J	<5.0	0.57J	0.96J	<2.5	<2.5	<4.9
SB-4	SB-4-10	10	1/18/06	0.30J	19	0.63J	1.0J	0.44J	2.4J	<5.0
	SB-4-15	15	1/18/06	0.12J	12	0.49J	0.49J	<1.7	<1.7	<3.3
	SB-4-20	20	1/18/06	0.77	120	0.75J	1.6J	<6.0	<6.0	<12
	SB-4-25	25	1/18/06	0.20J	5.8	<2.1	<2.1	<2.1	<2.1	<4.2
	SB-4-30	30	1/18/06	0.24J	<5.0	0.16J	<1.4	<1.4	<1.4	<2.7
	SB-4-35	35	1/18/06	0.067J	<5.0	<1.3	<1.3	<1.3	<1.3	<2.5
SB-5	SB-5-10	10	1/17/06	240	7,800	1.9	6.8B	10	66	<2.6
	SB-5-15	15	1/17/06	160	2,500	1.1J	1.0J,B	0.49J	2.9	<4.1
	SB-5-20	20	1/17/06	0.38	270	12	15B	4.3	6.0	<5.1
	SB-5-25	25	1/17/06	0.18J	79	0.18J	<1.3	<1.3	<1.3	<2.7
	SB-5-30	30	1/17/06	0.23J	<5.0	0.34J	0.36J,B	<1.3	<1.3	<2.7
	SB-5-35	35	1/17/06	0.42	<5.0	0.60J	0.81J	0.28J	0.33J	<2.4

Table 1
January 2006
Laboratory Analytical Results for Soil
Former Family Hughes Market
5303 Rivergrade Road
Irwindale, California

WELL ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	TPH-G (mg/kg)	TPH-D (mg/kg)	B (µg/kg)	T (µg/kg)	E (µg/kg)	X (µg/kg)	MTBE (µg/kg)
SB-6	SB-6-10	10	1/17/06	0.12J	190	0.48J	1.1J,B	<2.7	0.58J	<5.3
	SB-6-15	15	1/17/06	0.18J	86	1.1J	1.3J,B	<3.2	0.90J	<6.4
	SB-6-20	20	1/17/06	0.19J	56	0.70J	0.85J,B	0.24J	0.95J	<2.7
	SB-6-25	25	1/17/06	0.31J	<5.0	0.80J	1.9J,B	<2.5	0.65J	<5.1
	SB-6-30	30	1/17/06	0.22J	69	0.75J	1.3J,B	0.24J	1.2J	<3.6
	SB-6-35	35	1/17/06	0.58J	38	0.98J	1.3J,B	0.32J	1.8J	<3.6
SB-7	SB-7-10	10	1/17/06	120	210	0.39J	4.6B	7.0	51	<2.8
	SB-7-15	15	1/17/06	1.3	<5.0	0.30J	0.40J,B	0.37J	3.1	<3.2
	SB-7-20	20	1/17/06	17	85	0.17J	0.21J,B	<0.98	0.45J	<2.0
	SB-7-25	25	1/17/06	0.14J	<5.0	0.26J	0.42J,B	<1.1	0.19J	<2.3
	SB-7-30	30	1/17/06	3.0	<5.0	0.29J	0.61J,B	<1.2	<1.2	<2.3
	SB-7-35	35	1/17/06	0.32J	<5.0	0.32J	0.38J,B	<1.3	<1.3	<2.5
Trip Blank	--	--	1/17/06	<0.25	<5.0	<0.50	<1.0	<1.0	<1.0	<1.0
Trip Blank	--	--	1/18/05	<0.25	<5.0	<0.50	<1.0	<1.0	<1.0	<1.0
Trip Blank	--	--	1/19/05	<0.25	<5.0	<0.50	<1.0	<1.0	<1.0	<1.0

EXPLANATIONS:

(ft.) = Feet
(msl) = Mean sea level
(µg/kg) = Micrograms per kilogram
(mg/kg) = Milligrams per kilogram
-- = Not Measured/Not Analyzed
Trip Blank results in micrograms per liter.

TPH-G = Total Petroleum Hydrocarbons as Gasoline
TPH-D = Total Petroleum Hydrocarbons as Diesel
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

<5.0 = Analyte not detected above the laboratory reporting limit
J = Analyte was detected at a concentration below the reporting limit
B = Anylate was present in associated method blank.

Table 2
January 2006
Laboratory Analytical Results for Soil - Oxygenate Compounds
Former Hughes Family Market
5305 Rivergrade Road
Irwindale, California

WELL ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	Ethanol (µg/kg)	TBA (µg/kg)	MTBE (µg/kg)	DIPE (µg/kg)	ETBE (µg/kg)	TAME (µg/kg)
SB-1	SB-1-20	20	1/18/06	<670	<27	<2.7	<1.3	<1.3	<1.3
	SB-1-30	30	1/18/06	<490	<20	<2.0	<0.98	<0.98	<0.98
	SB-1-35	35	1/18/06	<1,200	<46	<4.6	<2.3	<2.3	<2.3
	SB-1-40	40	1/18/06	<430	5.3J	<1.7	<0.85	<0.85	<0.85
SB-2	SB-2-20	20	1/19/06	<910	13J	<3.6	<1.8	<1.8	<1.8
	SB-2-25	25	1/19/06	<820	<33	<3.3	<1.6	<1.6	<1.6
	SB-2-30	30	1/19/06	<580	<23	<2.3	<1.2	<1.2	<1.2
	SB-2-35	35	1/19/06	<1,200	47J	<4.7	<2.4	<2.4	<2.4
	SB-2-40	40	1/19/06	<530	<21	<2.1	<1.1	<1.1	<1.1
SB-3	SB-3-10	10	1/17/06	<620	<25	<2.5	<1.2	<1.2	<1.2
	SB-3-15	15	1/17/06	<1,000	<40	<4.0	<2.0	<2.0	<2.0
	SB-3-20	20	1/17/06	<660	<26	<2.6	<1.3	<1.3	<1.3
	SB-3-25	25	1/17/06	<630	<25	<2.5	<1.3	<1.3	<1.3
	SB-3-30	30	1/17/06	<590	<24	<2.4	<1.2	<1.2	<1.2
	SB-3-35	35	1/17/06	<1,200	23J	<4.9	<2.5	<2.5	<2.5
SB-4	SB-4-10	10	1/18/06	<1,200	<50	<5.0	<2.5	<2.5	<2.5
	SB-4-15	15	1/18/06	<830	<33	<3.3	<1.7	<1.7	<1.7
	SB-4-20	20	1/18/06	<3,000	<120	<12	<6.0	<6.0	<6.0
	SB-4-25	25	1/18/06	<1,000	<42	<4.2	<2.1	<2.1	<2.1
	SB-4-30	30	1/18/06	<680	<27	<2.7	<1.4	<1.4	<1.4
	SB-4-35	35	1/18/06	<630	<25	<2.5	<1.3	<1.3	<1.3
SB-5	SB-5-10	10	1/17/06	<650	<26	<2.6	<1.3	<1.3	<1.3
	SB-5-15	15	1/17/06	75J	<41	<4.1	<2.0	<2.0	<2.0
	SB-5-20	20	1/17/06	<1,300	400	<5.1	<2.5	<2.5	<2.5
	SB-5-25	25	1/17/06	<670	<27	<2.7	<1.3	<1.3	<1.3
	SB-5-30	30	1/17/06	<670	<27	<2.7	<1.3	<1.3	<1.3
	SB-5-35	35	1/17/06	<600	21J	<2.4	<1.2	<1.2	<1.2

Table 2
January 2006
Laboratory Analytical Results for Soil - Oxygenate Compounds
Former Hughes Family Market
5305 Rivergrade Road
Irwindale, California

WELL ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	Ethanol (µg/kg)	TBA (µg/kg)	MTBE (µg/kg)	DIPE (µg/kg)	ETBE (µg/kg)	TAME (µg/kg)
SB-6	SB-6-10	10	1/17/06	<1,300	<53	<5.3	<2.7	<2.7	<2.7
	SB-6-15	15	1/17/06	<1,600	<64	<6.4	<3.2	<3.2	<3.2
	SB-6-20	20	1/17/06	<670	<27	<2.7	<1.3	<1.3	<1.3
	SB-6-25	25	1/17/06	<1,300	<51	<5.1	<2.5	<2.5	<2.5
	SB-6-30	30	1/17/06	<890	<36	<3.6	<1.8	<1.8	<1.8
	SB-6-35	35	1/17/06	<900	<36	<3.6	<1.8	<1.8	<1.8
SB-7	SB-7-10	10	1/17/06	<700	<28	<2.8	<1.4	<1.4	<1.4
	SB-7-15	15	1/17/06	<800	<32	<3.2	<1.6	<1.6	<1.6
	SB-7-20	20	1/17/06	44J	<20	<2.0	0.98	0.98	0.98
	SB-7-25	25	1/17/06	40J	9.2J	<2.3	<1.1	<1.1	<1.1
	SB-7-30	30	1/17/06	47J	13J	<2.3	<1.2	<1.2	<1.2
	SB-7-35	35	1/17/06	<640	<25	<2.5	<1.3	<1.3	<1.3
Trip Blank	--	--	1/17/06	<100	<10	<1.0	<2.0	<2.0	<2.0
Trip Blank	--	--	1/18/05	<100	<10	<1.0	<2.0	<2.0	<2.0
Trip Blank	--	--	1/19/05	<100	9.4J	<1.0	<2.0	<2.0	<2.0

EXPLANATIONS:

(ft.) = Feet
(µg/kg) = Micrograms per kilogram
-- = Not Measured/Not Analyzed
Trip Blank results in micrograms per liter.
<5.0 = Analyte not detected above the laboratory reporting limit
J = Analyte was detected at a concentration below the reporting limit

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether

Table 3
Historical Laboratory Analytical Results for Soil
Former Family Hughes Market
5303 Rivergrade Road
Irwindale, CA

BORING ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	TPH-G (mg/kg)	TPH-D (mg/kg)	B (µg/kg)	T (µg/kg)	E (µg/kg)	X (µg/kg)	MTBE (µg/kg)
UST Removal & Excavation Soil Samples										
--	T1A-17-030723	17	7/23/2003	<1.0	<10	<5.0	<5.0	<5.0	<10	71
	T1B-17-030723	17	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	DUP1-030723	17	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	T2A-17-030723	17	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	T2B-17 (Other End)	17	7/23/2003	<1.0	1,790	<2.0	106	110	680	83
	T2A-21B-030827	21	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	T2A-21S-030827	21	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	T2A-21W-030827	21	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	T2A-21N-030827	21	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	T2A-21E-030827	21	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	21
	T3A-17-030723	17	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	T3B-17-030723	17	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
Fuel Dispenser Removal & Excavation Soil Samples										
--	FD1-4-030723	4	7/23/2003	135	2,450	<10	<10	<10	<20	<25
	FD2-4-030723	4	7/23/2003	168	3,750	<10	<10	<10	<20	<25
	FD1/2-9.5B-030827	9.5	8/27/2003	2.3	481	<5.0	<5.0	<5.0	<15	<10
	FD1/2-9.5E-030827	9.5	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	FD1/2-9.5N-030827	9.5	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	FD1/2-9.5S-030827	9.5	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	FD1/2-9.5W-030827	9.5	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	FD1/2-9.5E2-030827	9.5	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	FD1/2-11B-030828	11	8/28/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	FD3-4-030723	4	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	FD4-4-030723	4	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	FD5-4-030723	4	7/23/2003	<1.0	10	3.0	<2.0	<2.0	<4.0	14
	DUP2-030723	4	7/23/2003	<1.0	15	<2.0	<2.0	<2.0	<4.0	50
	FD6-4-030723	4	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0

Table 3
Historical Laboratory Analytical Results for Soil
Former Family Hughes Market
5303 Rivergrade Road
Irwindale, CA

BORING ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	TPH-G (mg/kg)	TPH-D (mg/kg)	B (µg/kg)	T (µg/kg)	E (µg/kg)	X (µg/kg)	MTBE (µg/kg)
Satellite Fuel Dispenser Removal & Excavation Soil Samples										
--	SFD1-3-030723	3	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	SFD2-4-030723	4	7/23/2003	305	6,340	<10	<10	<10	<20	<25
	SFD2-9.5B-030827	9.5	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	SFD2-9.5N-030827	9.5	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	SFD2-9.5S-030827	9.5	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	SFD2-9.5E-030827	9.5	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	SFD3-4-030723	4	7/23/2003	1.0	114	<2.0	<2.0	<2.0	<4.0	<5.0
	SFD3-8.0B-030827	8	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	SFD3-8.0S-030827	8	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	SFD3-8.0E-030827	8	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	SFD3-8.0W-030827	8	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	SFD3-8.0N-030827	8	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
	SFD4-4-030723	4	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
Underground Piping Removal Soil Samples										
--	UP1-5.5-030723	5.5	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	UP2-3-030723	3	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	UP3-3-030723	3	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
Stockpile Soil Samples										
--	SPW-1-030723	--	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	SPE-1-030723	--	7/23/2003	<1.0	<10	<2.0	<2.0	<2.0	<4.0	<5.0
	SPW-030827	--	8/27/2003	<1.0	49	<5.0	<5.0	<5.0	<15	<10
	SPE-030827	--	8/27/2003	<1.0	29	<5.0	<5.0	<5.0	<15	<10
	SPS-030827	--	8/27/2003	<1.0	<10	<5.0	<5.0	<5.0	<15	<10
SB-1	SB-1-20	20	1/18/06	0.14J	<5.0	0.24J	1.4	1.0J	6.7	<2.7
	SB-1-30	30	1/18/06	0.13J	<5.0	0.17J	0.35J	<0.98	0.18J	<2.0
	SB-1-35	35	1/18/06	<0.41	<5.0	<2.3	0.88J	<2.3	<2.3	<4.6
	SB-1-40	40	1/18/06	0.20J	<5.0	0.29J	0.53J	<0.85	0.21J	<1.7

Table 3
Historical Laboratory Analytical Results for Soil
Former Family Hughes Market
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Irwindale, CA

BORING ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	TPH-G (mg/kg)	TPH-D (mg/kg)	B (µg/kg)	T (µg/kg)	E (µg/kg)	X (µg/kg)	MTBE (µg/kg)
SB-2	SB-2-20	20	1/19/06	<0.47	8.5	0.29J	0.58J	<1.8	0.54J	<3.6
	SB-2-25	25	1/19/06	<0.31	13	0.28J	0.74J	<1.6	0.42J	<3.3
	SB-2-30	30	1/19/06	0.13J	6.2	0.27J	0.34J	<1.2	0.35J	<2.3
	SB-2-35	35	1/19/06	0.15J	11	1.4J	2.3J	0.84J	1.8J	<4.7
	SB-2-40	40	1/19/06	0.45	13	0.46J	0.50J	0.16J	0.28J	<2.1
SB-3	SB-3-10	10	1/17/06	21	560	0.45J	0.66J,B	0.61J	4.7	<2.5
	SB-3-15	15	1/17/06	0.17J	<5.0	0.33J	0.44J,B	<2.0	<2.0	<4.0
	SB-3-20	20	1/17/06	0.18J	6.0	0.27J	0.31J,B	<1.3	<1.3	<2.6
	SB-3-25	25	1/17/06	0.45J	5.2	0.27J	0.36J	<1.3	<1.3	<2.5
	SB-3-30	30	1/17/06	<0.42	<5.0	0.38J	0.44J,B	<1.2	<1.2	<2.4
	SB-3-35	35	1/17/06	0.33J	<5.0	0.57J	0.96J	<2.5	<2.5	<4.9
SB-4	SB-4-10	10	1/18/06	0.30J	19	0.63J	1.0J	0.44J	2.4J	<5.0
	SB-4-15	15	1/18/06	0.12J	12	0.49J	0.49J	<1.7	<1.7	<3.3
	SB-4-20	20	1/18/06	0.77	120	0.75J	1.6J	<6.0	<6.0	<12
	SB-4-25	25	1/18/06	0.20J	5.8	<2.1	<2.1	<2.1	<2.1	<4.2
	SB-4-30	30	1/18/06	0.24J	<5.0	0.16J	<1.4	<1.4	<1.4	<2.7
	SB-4-35	35	1/18/06	0.067J	<5.0	<1.3	<1.3	<1.3	<1.3	<2.5
SB-5	SB-5-10	10	1/17/06	240	7,800	1.9	6.8B	10	66	<2.6
	SB-5-15	15	1/17/06	160	2,500	1.1J	1.0J,B	0.49J	2.9	<4.1
	SB-5-20	20	1/17/06	0.38	270	12	15B	4.3	6.0	<5.1
	SB-5-25	25	1/17/06	0.18J	79	0.18J	<1.3	<1.3	<1.3	<2.7
	SB-5-30	30	1/17/06	0.23J	<5.0	0.34J	0.36J,B	<1.3	<1.3	<2.7
	SB-5-35	35	1/17/06	0.42	<5.0	0.60J	0.81J	0.28J	0.33J	<2.4
SB-6	SB-6-10	10	1/17/06	0.12J	190	0.48J	1.1J,B	<2.7	0.58J	<5.3
	SB-6-15	15	1/17/06	0.18J	86	1.1J	1.3J,B	<3.2	0.90J	<6.4
	SB-6-20	20	1/17/06	0.19J	56	0.70J	0.85J,B	0.24J	0.95J	<2.7
	SB-6-25	25	1/17/06	0.31J	<5.0	0.80J	1.9J,B	<2.5	0.65J	<5.1
	SB-6-30	30	1/17/06	0.22J	69	0.75J	1.3J,B	0.24J	1.2J	<3.6

Table 3
Historical Laboratory Analytical Results for Soil
Former Family Hughes Market
5303 Rivergrade Road
Irwindale, CA

BORING ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	TPH-G (mg/kg)	TPH-D (mg/kg)	B (µg/kg)	T (µg/kg)	E (µg/kg)	X (µg/kg)	MTBE (µg/kg)
	SB-6-35	35	1/17/06	0.58J	38	0.98J	1.3J,B	0.32J	1.8J	<3.6
SB-7	SB-7-10	10	1/17/06	120	210	0.39J	4.6B	7.0	51	<2.8
	SB-7-15	15	1/17/06	1.3	<5.0	0.30J	0.40J,B	0.37J	3.1	<3.2
	SB-7-20	20	1/17/06	17	85	0.17J	0.21J,B	<0.98	0.45J	<2.0
	SB-7-25	25	1/17/06	0.14J	<5.0	0.26J	0.42J,B	<1.1	0.19J	<2.3
	SB-7-30	30	1/17/06	3.0	<5.0	0.29J	0.61J,B	<1.2	<1.2	<2.3
	SB-7-35	35	1/17/06	0.32J	<5.0	0.32J	0.38J,B	<1.3	<1.3	<2.5

EXPLANATIONS:

(ft.) = Feet
(µg/kg) = Micrograms per kilogram
(mg/kg) = Milligrams per kilogram
-- = Not Measured/Not Analyzed

TPH-G = Total Petroleum Hydrocarbons as Gasoline
TPH-D = Total Petroleum Hydrocarbons as Diesel
B = Benzene
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E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

<5.0 = Analyte not detected above the laboratory reporting limit
J = Analyte was detected at a concentration below the reporting limit
B = Anylate was present in associated method blank.

Table 4
Historical Laboratory Analytical Results for Soil - Oxygenate Compounds
Former Family Hughes Market
5303 Rivergrade Road
Irwindale, CA

BORING ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	Ethanol (µg/kg)	TBA (µg/kg)	MTBE (µg/kg)	DIPE (µg/kg)	ETBE (µg/kg)	TAME (µg/kg)
UST Removal & Excavation Soil Samples									
--	T1A-17-030723	17	7/23/2003	--	<50	71	<12.5	<12.5	<12.5
	T1B-17-030723	17	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	DUP1-030723	17	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	T2A-17-030723	17	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	T2B-17 (Other End)	17	7/23/2003	--	<20	83	<5.0	<5.0	<5.0
	T3A-17-030723	17	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	T3B-17-030723	17	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
Fuel Dispenser Removal & Excavation Soil Samples									
--	FD1-4-030723	4	7/23/2003	--	<100	<25	<25	<25	<25
	FD2-4-030723	4	7/23/2003	--	<100	<25	<25	<25	<25
	FD3-4-030723	4	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	FD4-4-030723	4	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	FD5-4-030723	4	7/23/2003	--	<20	14	<5.0	<5.0	<5.0
	DUP2-030723	4	7/23/2003	--	<20	50	<5.0	<5.0	<5.0
	FD6-4-030723	4	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
Satellite Fuel Dispenser Removal & Excavation Soil Samples									
--	SFD1-3-030723	3	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	SFD2-4-030723	4	7/23/2003	--	<100	<25	<25	<25	<25
	SFD3-4-030723	4	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	SFD4-4-030723	4	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
Underground Piping Removal Soil Samples									
--	UP1-5.5-030723	5.5	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0

Table 4
Historical Laboratory Analytical Results for Soil - Oxygenate Compounds
Former Family Hughes Market
5303 Rivergrade Road
Irwindale, CA

BORING ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	Ethanol (µg/kg)	TBA (µg/kg)	MTBE (µg/kg)	DIPE (µg/kg)	ETBE (µg/kg)	TAME (µg/kg)
	UP2-3-030723	3	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	UP3-3-030723	3	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
Stockpile Soil Samples									
--	SPW-1-030723	--	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
	SPE-1-030723	--	7/23/2003	--	<20	<5.0	<5.0	<5.0	<5.0
SB-1	SB-1-20	20	1/18/06	<670	<27	<2.7	<1.3	<1.3	<1.3
	SB-1-30	30	1/18/06	<490	<20	<2.0	<0.98	<0.98	<0.98
	SB-1-35	35	1/18/06	<1,200	<46	<4.6	<2.3	<2.3	<2.3
	SB-1-40	40	1/18/06	<430	5.3J	<1.7	<0.85	<0.85	<0.85
SB-2	SB-2-20	20	1/19/06	<910	13J	<3.6	<1.8	<1.8	<1.8
	SB-2-25	25	1/19/06	<820	<33	<3.3	<1.6	<1.6	<1.6
	SB-2-30	30	1/19/06	<580	<23	<2.3	<1.2	<1.2	<1.2
	SB-2-35	35	1/19/06	<1,200	47J	<4.7	<2.4	<2.4	<2.4
	SB-2-40	40	1/19/06	<530	<21	<2.1	<1.1	<1.1	<1.1
SB-3	SB-3-10	10	1/17/06	<620	<25	<2.5	<1.2	<1.2	<1.2
	SB-3-15	15	1/17/06	<1,000	<40	<4.0	<2.0	<2.0	<2.0
	SB-3-20	20	1/17/06	<660	<26	<2.6	<1.3	<1.3	<1.3
	SB-3-25	25	1/17/06	<630	<25	<2.5	<1.3	<1.3	<1.3
	SB-3-30	30	1/17/06	<590	<24	<2.4	<1.2	<1.2	<1.2
	SB-3-35	35	1/17/06	<1,200	23J	<4.9	<2.5	<2.5	<2.5
SB-4	SB-4-10	10	1/18/06	<1,200	<50	<5.0	<2.5	<2.5	<2.5
	SB-4-15	15	1/18/06	<830	<33	<3.3	<1.7	<1.7	<1.7
	SB-4-20	20	1/18/06	<3,000	<120	<12	<6.0	<6.0	<6.0
	SB-4-25	25	1/18/06	<1,000	<42	<4.2	<2.1	<2.1	<2.1
	SB-4-30	30	1/18/06	<680	<27	<2.7	<1.4	<1.4	<1.4
	SB-4-35	35	1/18/06	<630	<25	<2.5	<1.3	<1.3	<1.3
SB-5	SB-5-10	10	1/17/06	<650	<26	<2.6	<1.3	<1.3	<1.3

Table 4
Historical Laboratory Analytical Results for Soil - Oxygenate Compounds
Former Family Hughes Market
5303 Rivergrade Road
Irwindale, CA

BORING ID	SAMPLE ID	SAMPLE DEPTH (ft.)	DATE	Ethanol (µg/kg)	TBA (µg/kg)	MTBE (µg/kg)	DIPE (µg/kg)	ETBE (µg/kg)	TAME (µg/kg)
	SB-5-15	15	1/17/06	75J	<41	<4.1	<2.0	<2.0	<2.0
	SB-5-20	20	1/17/06	<1,300	400	<5.1	<2.5	<2.5	<2.5
	SB-5-25	25	1/17/06	<670	<27	<2.7	<1.3	<1.3	<1.3
	SB-5-30	30	1/17/06	<670	<27	<2.7	<1.3	<1.3	<1.3
	SB-5-35	35	1/17/06	<600	21J	<2.4	<1.2	<1.2	<1.2
SB-6	SB-6-10	10	1/17/06	<1,300	<53	<5.3	<2.7	<2.7	<2.7
	SB-6-15	15	1/17/06	<1,600	<64	<6.4	<3.2	<3.2	<3.2
	SB-6-20	20	1/17/06	<670	<27	<2.7	<1.3	<1.3	<1.3
	SB-6-25	25	1/17/06	<1,300	<51	<5.1	<2.5	<2.5	<2.5
	SB-6-30	30	1/17/06	<890	<36	<3.6	<1.8	<1.8	<1.8
	SB-6-35	35	1/17/06	<900	<36	<3.6	<1.8	<1.8	<1.8
SB-7	SB-7-10	10	1/17/06	<700	<28	<2.8	<1.4	<1.4	<1.4
	SB-7-15	15	1/17/06	<800	<32	<3.2	<1.6	<1.6	<1.6
	SB-7-20	20	1/17/06	44J	<20	<2.0	0.98	0.98	0.98
	SB-7-25	25	1/17/06	40J	9.2J	<2.3	<1.1	<1.1	<1.1
	SB-7-30	30	1/17/06	47J	13J	<2.3	<1.2	<1.2	<1.2
	SB-7-35	35	1/17/06	<640	<25	<2.5	<1.3	<1.3	<1.3

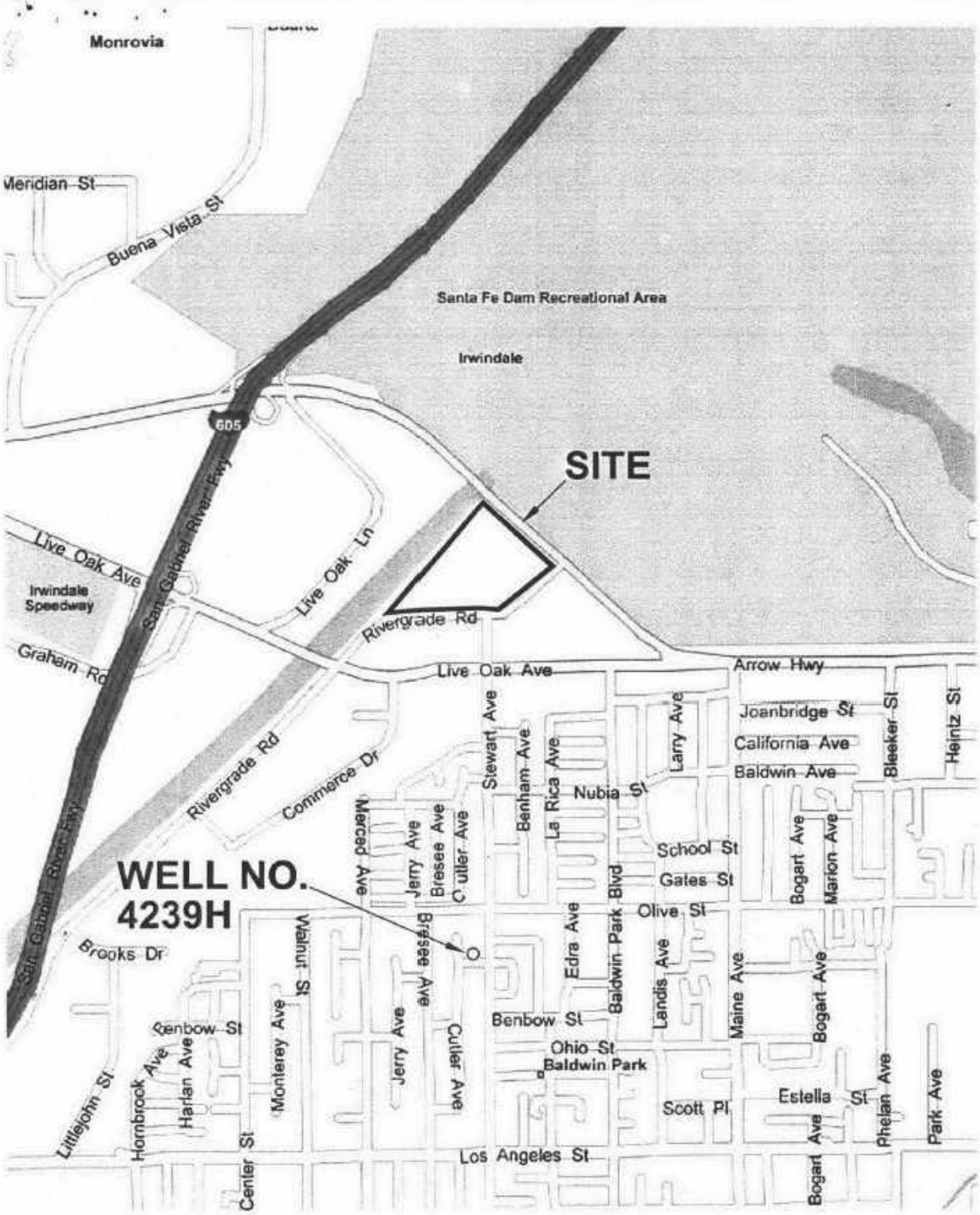
EXPLANATIONS:

(ft.) = Feet
(µg/kg) = Micrograms per kilogram
(mg/kg) = Milligrams per kilogram
-- = Not Measured/Not Analyzed

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether

<5.0 = Analyte not detected above the laboratory reporting limit
J = Analyte was detected at a concentration below the reporting limit
B = Anylate was present in associated method blank.

Figures



J:\projects\06489 - TA Realty\Irwindale PII\Oct. 05 WP\Figure 1 Site Location Map.dwg

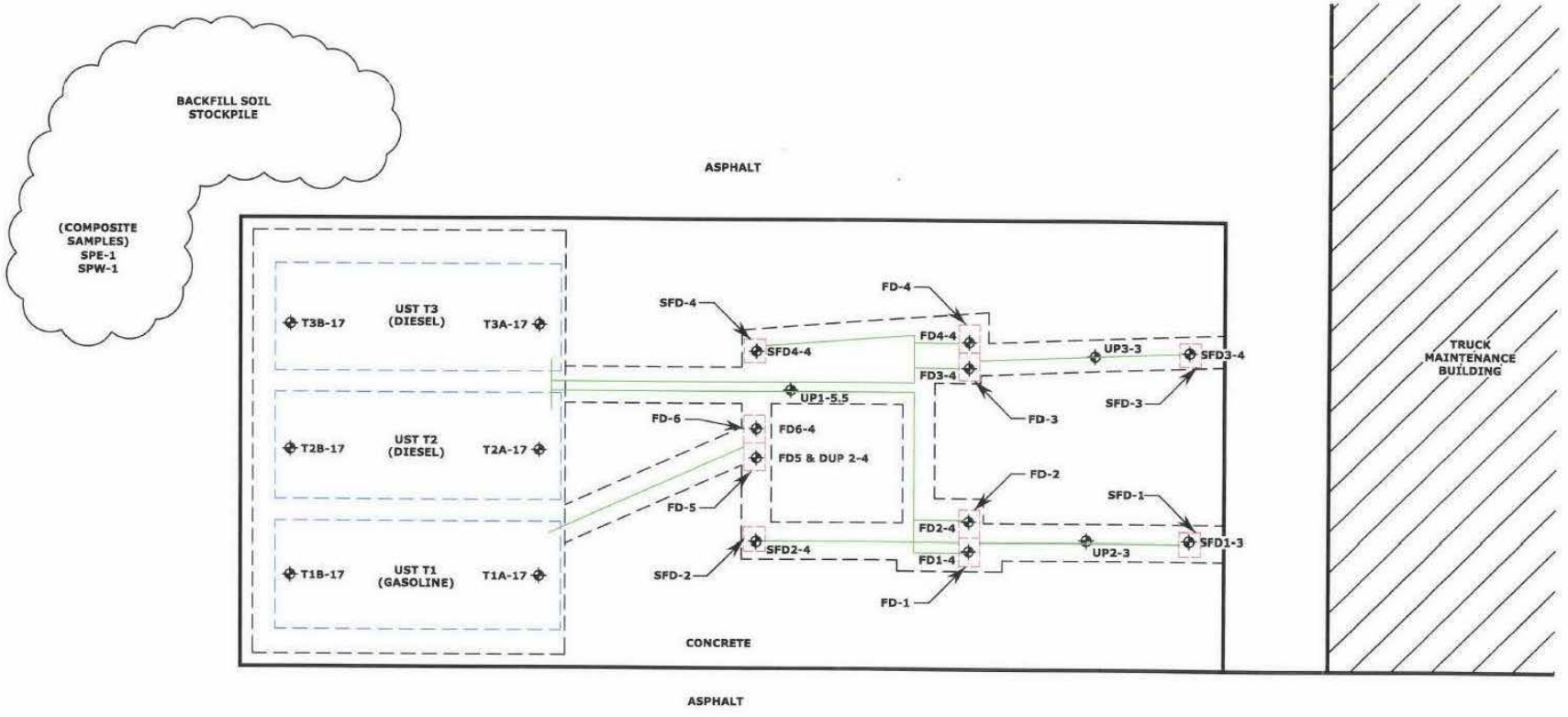
ENSR INTERNATIONAL

FIGURE 1

SITE LOCATION MAP

Former Used Hughes Family Market
5305 Rivergrade Road
Irwindale, California

DRAWN: T. Burke	DATE: 09/30/2005	PROJECT NO. 06489-085-002	REV.
FILE NO. Fig1SiteLoc	CHK BY: J. Perry		



0' 5' 10' 20'

SCALE IN FEET

LEGEND

- FORMER UST LOCATION
- SFD1 FORMER SATELLITE FUEL DISPENSER
- FD1 FORMER FUEL DISPENSERS
- FD1-4 SOIL SAMPLE LOCATION AND DESIGNATION
- EXCAVATION LIMITS
- FORMER PRODUCT PIPING

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	J. Perry
DRAWN BY:	T. Burke
CHECKED BY:	J. Perry
APPROVED BY:	X

ENSR
ENSR CORPORATION
1220 AVENIDA ACASO
CAMARILLO, CALIFORNIA 93012
PHONE: (805) 388-3775
FAX: (805) 388-3577
WEB: HTTP://WWW.ENSR.AECOM.COM

SITE PLAN (JULY, 2003)
Former Used Family Hughes Market
5305 Rivergrade Road
Irwindale California

SCALE:	DATE:	PROJECT NUMBER:
1" = 10'	02/01/2006	06489-085-004

FIGURE NUMBER: 2

SHEET NUMBER: X

J:\Jobs projects\06489 - IA Realty\085-Irwindale, PR\Nov. 05 WP\Figure 2 Site Plan.dwg

J:\[redacted]projects\[redacted]489 - [redacted]Realty\[redacted]Irwindale [redacted]\Feb 05 [redacted] Report\Figures\Figure 3 Site Plan with Soil Borings.dwg

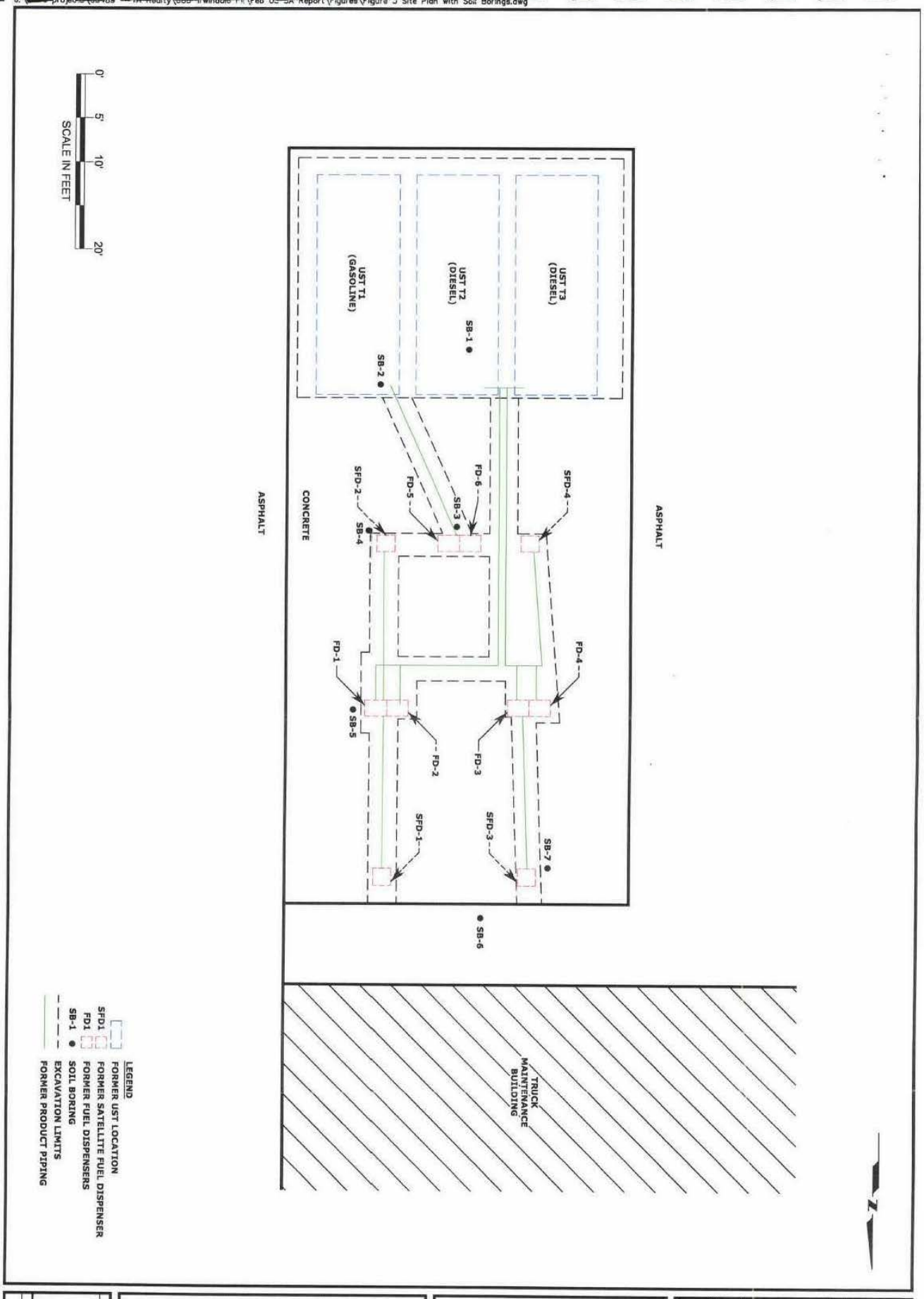


FIGURE NUMBER:	SHEET NUMBER:
3	X

SITE PLAN WITH SOIL BORINGS (JANUARY 2006)
Former Used Family Hughes Market
5305 Rivergrade Road
Irwindale California

SCALE:	DATE:	PROJECT NUMBER:
1" = 10'	02/01/2006	06489-085-004

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DESIGNED BY:	REVISIONS			
J. Perry	NO.:	DESCRIPTION:	DATE:	BY:
DRAWN BY:				
T. Burke				
CHECKED BY:				
J. Perry				
APPROVED BY:				
X				

ISO-CONCENTRATIONS CONTOURS FOR TPHd (10 FEET bgs)

Former Used Family Hughes Market
5305 Rivergrade Road
Irwindale California

SCALE:	DATE:	PROJECT NUMBER:
1" = 10'	02/18/2006	06489-085-004

FIGURE NUMBER: **4**

SHEET NUMBER: X

ENSR CORPORATION
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CAMARILLO, CALIFORNIA 93012
PHONE: (805) 388-3775
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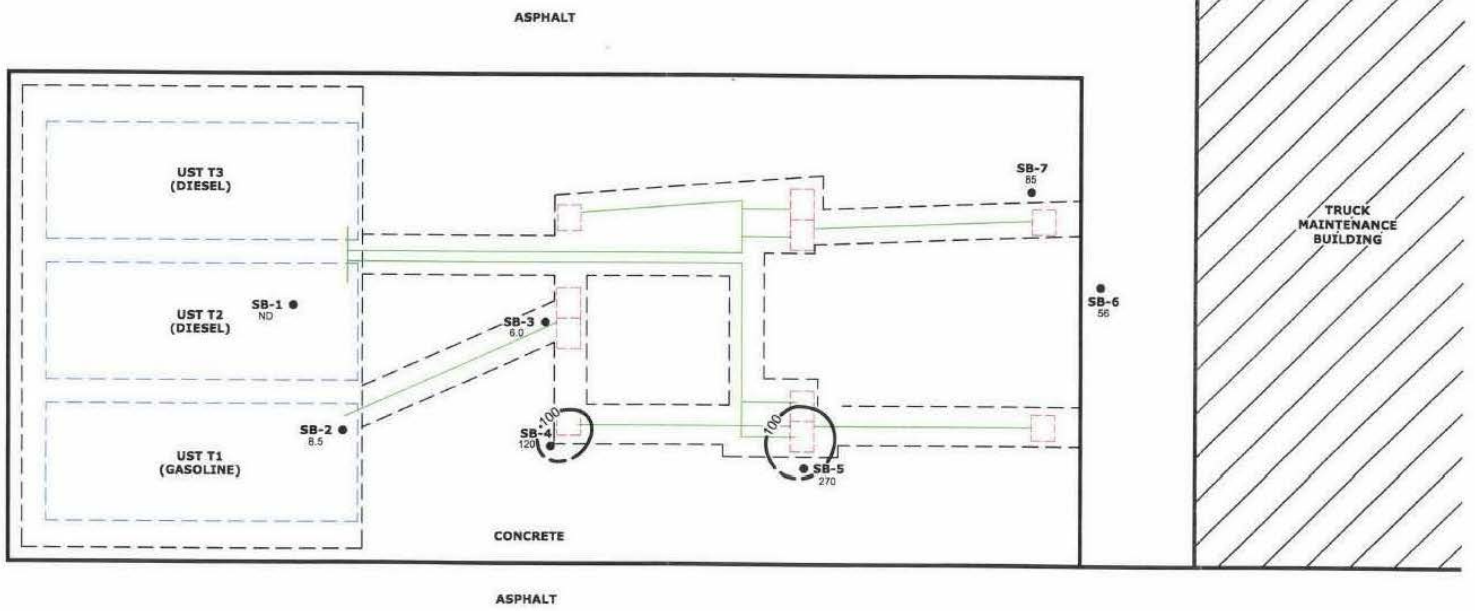
WEB: HTTP://WWW.ENSR.AECOM.COM

REVISIONS				
DESIGNED BY:	NO.:	DESCRIPTION:	DATE:	BY:
J. Perry				
DRAWN BY:				
T. Burke				
CHECKED BY:				
J. Perry				
APPROVED BY:				
X				

J:\2006 projects\06489 - TA Realty\085-Irwindale Pll\Nov. 05 MP\Figure 4 Iso Contours.dwg



LEGEND

- FORMER UST LOCATION
- SFD1 FORMER SATELLITE FUEL DISPENSER
- FD1 FORMER FUEL DISPENSERS
- SB-1 PROPOSED SOIL BORING
- EXCAVATION LIMITS
- FORMER PRODUCT PIPING
- 100 CONTOUR OF EQUAL TPHd CONCENTRATION IN MICROGRAMS PER LITER (mg/kg) (10 ft. bgs) (DASHED WHERE INFERRED)
- ND NOT DETECTED

0' 5' 10' 20'

SCALE IN FEET

J:\2006 projects\06489 - TA Realty\085-Irwindale Pl\Nov. 05 WP\Figure 5 Iso Contours.dwg

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	J. Perry
DRAWN BY:	T. Burke
CHECKED BY:	J. Perry
APPROVED BY:	X

ENSR CORPORATION
1220 AVENIDA ACASO
CAMARILLO, CALIFORNIA 93012
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ISO-CONCENTRATIONS CONTOURS FOR TPHd (20 FEET bgs)

Former Used Family Hughes Market
5305 Rivergrade Road
Irwindale California

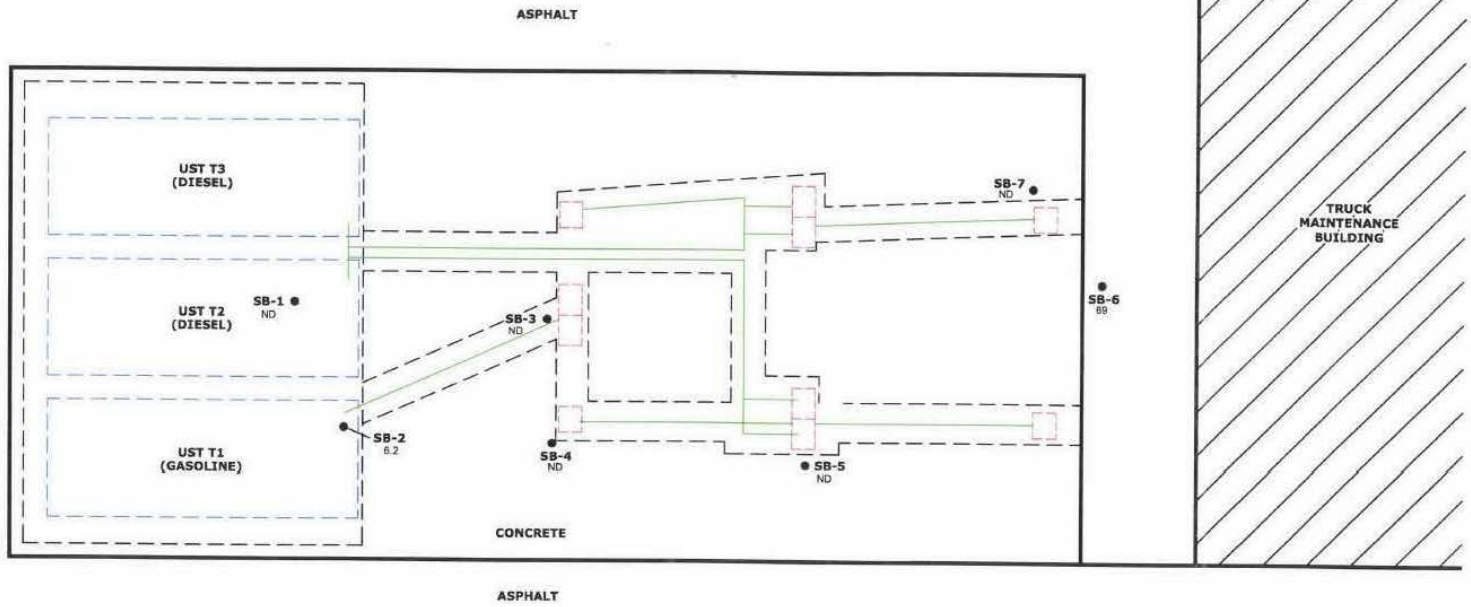
SCALE:	DATE:	PROJECT NUMBER:
1" = 10'	03/02/2006	06489-085-004

FIGURE NUMBER:

5

SHEET NUMBER:

X



LEGEND

- FORMER UST LOCATION
- SFD1 FORMER SATELLITE FUEL DISPENSER
- FD1 FORMER FUEL DISPENSERS
- SB-1 SOIL BORING
- EXCAVATION LIMITS
- FORMER PRODUCT PIPING
- 100 CONTOUR OF EQUAL TPHd CONCENTRATION IN MICROGRAMS PER LITER (mg/kg) (10 ft. bgs) (DASHED WHERE INFERRED)
- ND NOT DETECTED

0' 5' 10' 20'

SCALE IN FEET

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	J. Perry
DRAWN BY:	T. Burke
CHECKED BY:	J. Perry
APPROVED BY:	X

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ISO-CONCENTRATIONS CONTOURS FOR TPHd (30 FEET bgs)

Former Used Family Hughes Market
5305 Rivergrade Road
Irwindale California

SCALE:	DATE:	PROJECT NUMBER:
1" = 10'	02/16/2006	06489-085-004

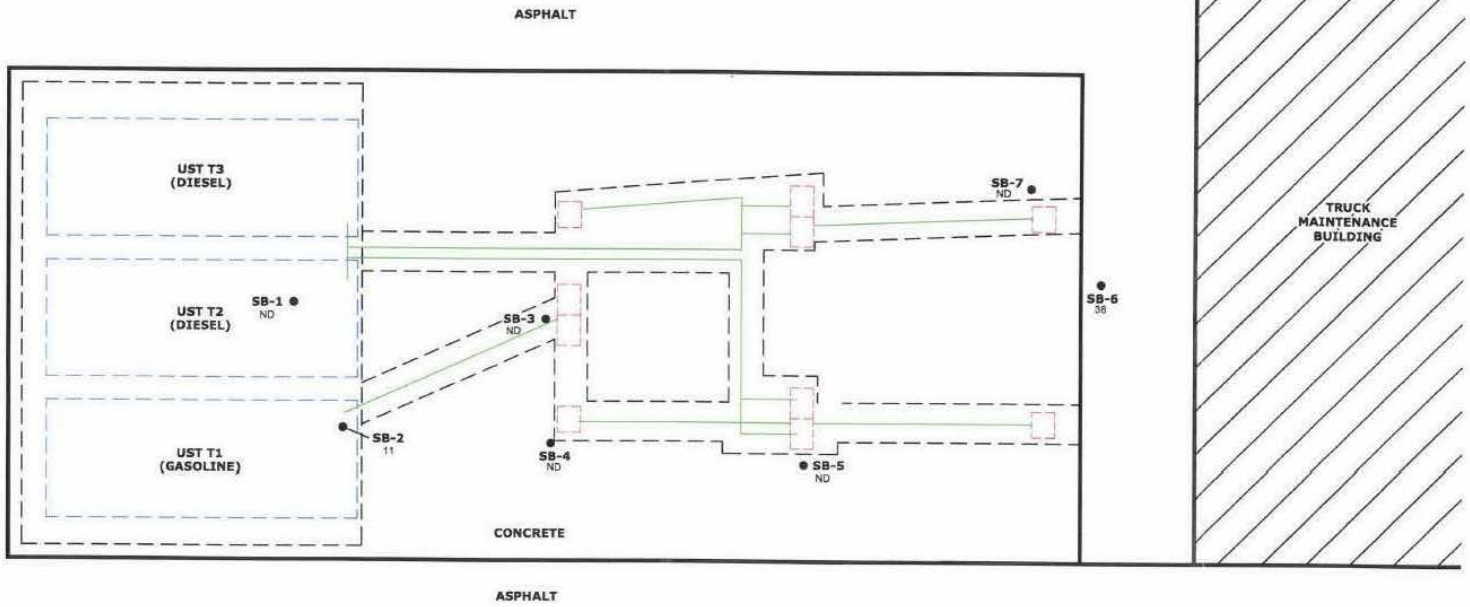
FIGURE NUMBER:

6

SHEET NUMBER:

X

J:\2006 projects\06489 - TA Realty\085-Irwindale PI\Nov. 05 WP\Figure 6 Iso Contours.dwg



LEGEND

- FORMER UST LOCATION
- SFD1 FORMER SATELLITE FUEL DISPENSER
- FD1 FORMER FUEL DISPENSERS
- SB-1 SOIL BORING
- EXCAVATION LIMITS
- FORMER PRODUCT PIPING
- 100 CONTOUR OF EQUAL TPHd CONCENTRATION IN MICROGRAMS PER LITER (µg/L) (35 ft. bgs) (DASHED WHERE INFERRED)
- ND NOT DETECTED

0' 5' 10' 20'

SCALE IN FEET

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

DESIGNED BY:	J. Perry
DRAWN BY:	T. Burke
CHECKED BY:	J. Perry
APPROVED BY:	X

ENSR

ENSR CORPORATION
1220 AVENIDA ACASO
CAMARILLO, CALIFORNIA 93012
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FAX: (805) 388-3577
WEB: HTTP://WWW.ENSR.AECOM.COM

ISO-CONCENTRATIONS CONTOURS FOR TPHd (35 FEET bgs)

Former Used Family Hughes Market
5305 Rivergrade Road
Irwindale California

SCALE:	DATE:	PROJECT NUMBER:
1" = 10'	02/16/2006	06489-085-004

FIGURE NUMBER:

7

SHEET NUMBER:

X

J:\2006 projects\06489 - TA Realty\085-Irwindale PH\Nov. 05 WP\Figure 7 Iso Contours.dwg

Appendix A

Los Angeles County Department of Public Works Correspondence

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 10, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano, CA 92675

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE REPORT
CLOSURE PERMIT NUMBER 373090
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This office has reviewed the closure report dated November 3, 2003, for the subject facility.

In order to better evaluate the report, the information indicated on the enclosed Additional Closure Requirements sheet must be submitted to this office by August 18, 2004.

If you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

JUN 24 2004

AN:cn
C:MyFiles/ADIS04/04Ltrs/W/Wohl/C415689

Enc.

cc: URS (J. S. Rowlands)

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete evaluation of Closure Permit No. 373090.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

[ ] Insufficient number of samples was obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[X] Submit logs certified by a CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at Department of Health Services certified laboratory.

[ ] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil/tank rinsate with the signature of the disposal facility owner/operator.

[ ] Evidence of legal disposal of soils designated as non-hazardous.

[X] Signature on the report is required of CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils. The report must clearly indicate that all soil sampling was done under the supervision of the registered professional.

[X] Submit a work plan to define the lateral and vertical extent of contamination.

[X] Complete borings to groundwater or complete borings which penetrate to a minimum depth of 25 feet below the deepest detectable contamination. Borings shall be sampled and analyzed at five-foot intervals. EPA 5035 soil sampling guidelines must be utilized. All samples shall be analyzed for BTEX, MTBE, and oxygenate compounds using EPA 8260B, and for gasoline and diesel using EPA 8015(M). A voluntary cleanup oversight fee of $443 must be submitted for the review of future submittals regarding this site.

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

A[illegible]S A. NOYES, Director

June 10, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano, CA 92675

HAZARDOUS MATERIALS UNDERGROUND STORAGE TANKS
LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This letter is to inform you of legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within 20 calendar days of receipt of this notice, the assessor parcel number(s) for the site and a complete mailing list of all current record owners of fee title to the site. You may use the enclosed list of landowners form (sample letter 2) to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

In accordance with Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

1) Consider a cleanup proposal (corrective action plan)
2) Consider a site closure proposal
3) Make a determination that no further action is required
4) Issue a closure letter

You may use the enclosed notice of proposed action form (sample letter 3) to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please submit the certification within 20 days from the date of this letter. June 30 Th

Initial voluntary cleanup oversight fee of $443 must be paid prior to any report review. An additional fee of $147 per hour will be charged for each hour of assessment review which exceeds the initial three-hour review estimation.

Should you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

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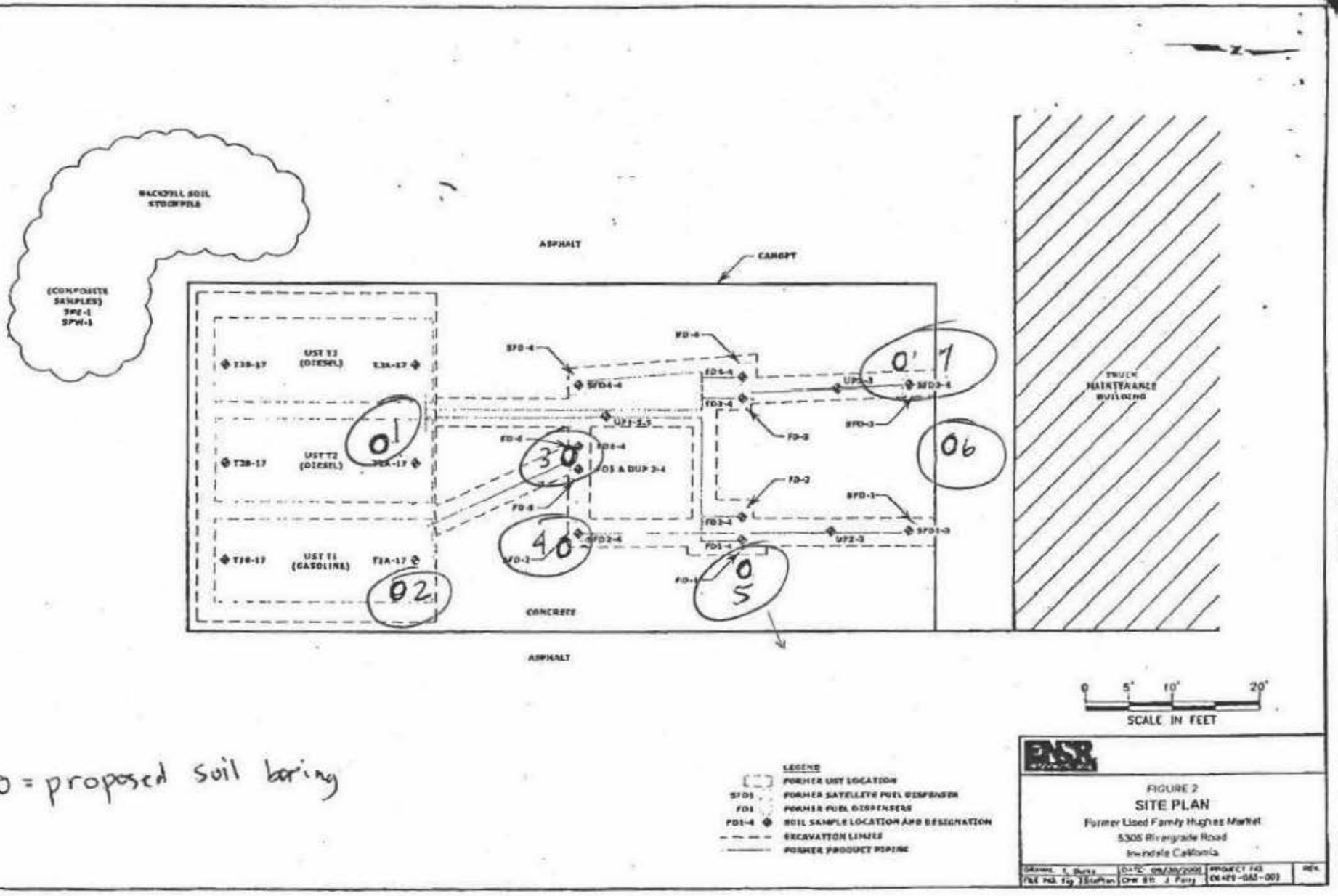
Enc.

cc: California Regional Water Quality Control Board (Yue Rong)

DEC-21-2005 09:58 LADPW/ EPD (626)458 3569 P.01
626 458 3569
626 458 3569
DEC-21-2005 10:05

From: Abigail Flores
LA County Dept Public Wks



0 = proposed soil boring

FIGURE 2
SITE PLAN
Former Used Family Hughes Market
5305 Riverglade Road
Irwindale California

Appendix B

Boring Logs

ENSR | AECOM

Client: TA Realty

Project Number: 06489-085-004

Site Location: 5305 Rivergrade Road, Irwindale, California

BORING ID: SB-1

Coordinates: Elevation: Sheet: 1 of 2

Drilling Method: Hollow Stem Auger Monitoring Well Installed:

Sample Type(s): Split Spoon Boring Diameter: 4" Screened Interval: --

Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/18/06 0800 Depth of Boring: 45'

Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/18/06 0900 Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (FL)
1							4 inches of concrete		
2									
3									
4									
5									
6									
7									
8									
9							No samples collected above 20 feet; backfill materials		
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20	SB-1-20	20	50	6	0.9	SP	SAND, brown, 100% subrounded, medium to coarse-grained, dry, dense, non-plastic,		20

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/18/06 0800
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/18/06 0900

BORING ID: SB-1
Sheet: 2 of 3
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 45'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
21							poorly graded, no odor or staining, fill material.		
22							SANDY GRAVEL		
23									
24									
25							No recovery due to cobble present in-situ.		
26									
27									
28									
29									
30	SB-1-30	30	50	6	2	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		30
31									
32									
33									
34									
35	SB-1-35	35	50	6	2.2	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, nonplastic, poorly graded, no odor or staining.		35
36									
37									
38									
39									
40	SB-1-40	40	50	6	1.2	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained		40

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty

Project Number: 06489-085-004

Site Location: 5305 Rivergrade Road, Irwindale, California

BORING ID: SB-1

Coordinates: Elevation: Sheet: 3 of 3

Drilling Method: Hollow Stem Auger Monitoring Well Installed:

Sample Type(s): Split Spoon Boring Diameter: 4" Screened Interval: --

Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/18/06 0800 Depth of Boring: 45'

Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/18/06 0900 Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
41							sand, 5% fines, dry, loose, non-plastic, poorly graded, no odor or staining.		
42									
43									
44									
45							No recoverable sample due to refusal		
46							Target depth reached, boring terminated at 45 feet bgs.		
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty

Project Number: 06489-085-004

Site Location: 5305 Rivergrade Road, Irwindale, California

BORING ID: SB-2

Coordinates: Elevation: Sheet: 1 of 3

Drilling Method: Hollow Stem Auger Monitoring Well Installed:

Sample Type(s): Split Spoon Boring Diameter: 4" Screened Interval: --

Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/19/06 0935 Depth of Boring: 42'

Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/19/06 1100 Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
1							4 inches of concrete		
2									
3									
4									
5									
6									
7									
8									
9							No samples collected above 20 feet; backfill materials		
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20	SB-2-20	20	50	6	2	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained		20

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/19/06 0935
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/19/06 1100

BORING ID: SB-2
Sheet: 2 of 3
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 42'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
21							sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		
22									
23									
24									
25	SB-2-25	25	50	6	0.4	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		25
26									
27									
28									
29									
30	SB-2-30	30	50	6	3.5	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		30
31									
32									
33									
34									
35	SB-2-35	35	50	6	5.5	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		35
36									
37									
38									
39									
40	SB-2-40	40	50	6	5.6	GP	SANDY GRAVEL, brown, 75% gravel, 20% subrounded, medium to coarse-grained		40

Date	Time	Depth to groundwater while drilling

NOTES:

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/19/06 0935
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/19/06 1100

BORING ID: SB-2
Sheet: 3 of 3
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 42'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (if Known)	Lab Sample ID	Lab Sample Depth (Ft.)
41							sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		
42							No recoverable sample due to refusal		
43							Boring terminated at approximately 42 feet bgs.		
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started:1/17/06 1415
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished:1/17/06 1505

BORING ID: SB-3
Sheet: 1 of 2
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 35'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
1							4 inches of concrete		
2									
3									
4									
5							No samples collected above 10 feet; backfill materials		
6									
7									
8									
9									
10	SB-3-10	10	50	6	2.5	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		10
11									
12									
13									
14									
15	SB-3-15	15	50	6	3.2	GP	SANDY GRAVEL, tan, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		15
16									
17									
18									
19									
20	SB-3-20	20	50	6	4.1	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained		20

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started:1/17/06 1415
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished:1/17/06 1505

BORING ID: SB-3

Sheet: 2 of 2
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 35'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
21							sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		
22									
23									
24									
25	SB-3-25	25	50	6	4.7	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		25
26									
27									
28									
29									
30	SB-2-30	30	50	6	4.1	GP	SANDY GRAVEL, tan, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		30
31									
32									
33									
34									
35	SB-2-35	35	50	6	4.0	GP	SANDY GRAVEL, tan, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		35
36							Target depth reached, boring terminated at 35 feet bgs.		
37									
38									
39									
40									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/18/06 1118
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/18/06 1204

BORING ID: SB-4
Sheet: 1 of 2
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 35'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
1							4 inches of concrete		
2									
3									
4									
5							No samples collected above 10 feet; backfill materials		
6									
7									
8									
9									
10	SB-4-10	10	50	6	1.9	GP	SANDY GRAVEL, brown, 50% gravel, 50% subrounded, medium to coarse-grained sand, dry, dense, non-plastic, poorly graded, no odor or staining.		10
11									
12									
13									
14									
15	SB-4-15	15	50	6	2.0	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		15
16									
17									
18									
19									
20	SB-4-20	20	50	6	1.6	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained		20

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/18/06 1118
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/18/06 1204

BORING ID: SB-4
Sheet: 2 of 2
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 35'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
21							sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		
22									
23									
24									
25	SB-4-25	25	50	6	1.2	GP	SANDY GRAVEL, brown, 75% gravel, 25% subrounded, medium to coarse-grained sand, dry, dense, non-plastic, poorly graded, no odor or staining.		25
26									
27									
28									
29									
30	SB-4-30	30	50	6	0.1	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		30
31									
32									
33									
34									
35	SB-4-35	35	50	6	0.4	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		35
36							Target depth reached, boring terminated at 35 feet bgs.		
37									
38									
39									
40									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty			**BORING ID: SB-5**
Project Number: 06489-085-004			
Site Location: 5305 Rivergrade Road, Irwindale, California			
Coordinates:	Elevation:		Sheet: 1 of 2
Drilling Method: Hollow Stem Auger			Monitoring Well Installed:
Sample Type(s): Split Spoon	Boring Diameter: 4"		Screened Interval: --
Weather: Cool, Sunny, Mid-60's	Logged By: N. Pagano	Date/Time Started: 1/18/06 0800	Depth of Boring: 35'
Drilling Contractor: Cascade Drilling	Ground Elevation:	Date/Time Finished: 1/18/06 0900	Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
1							4 inches of concrete		
2									
3									
4									
5							No samples collected above 10 feet; backfill materials		
6									
7									
8									
9									
10	SB-5-10	10	50	6	6.8	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		10
11									
12									
13									
14									
15	SB-5-15	15	50	6	6.9	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		15
16									
17									
18									
19									
20	SB-5-20	20	50	6	5.4	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained		20

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty

Project Number: 06489-085-004

Site Location: 5305 Rivergrade Road, Irwindale, California

BORING ID: SB-5

Coordinates: Elevation:

Sheet: 2 of 2

Drilling Method: Hollow Stem Auger

Monitoring Well Installed:

Sample Type(s): Split Spoon Boring Diameter: 4"

Screened Interval: –

Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/18/06 0800

Depth of Boring: 35'

Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/18/06 0900

Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
21							sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		
22									
23									
24									
25	SB-5-25	25	50	6	6.6	GP	SANDY GRAVEL, tan, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		25
26									
27									
28									
29									
30	SB-5-30	30	50	6	5.9	GP	SANDY GRAVEL, tan, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		30
31									
32									
33									
34									
35	SB-5-35	35	50	6	1.8	GP	SANDY GRAVEL, tan, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		35
36							Target depth reached, boring terminated at 35 feet bgs.		
37									
38									
39									
40									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/17/06 0744
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/17/06 0843

BORING ID: SB-6
Sheet: 1 of 2
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 35'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
1							4 inches of concrete		
2									
3									
4									
5							No samples collected above 10 feet; backfill materials		
6									
7									
8									
9									
10	SB-6-10	10	50	6	0.5	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		10
11									
12									
13									
14									
15	SB-6-15	15	50	6	1.8	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		15
16									
17									
18									
19									
20	SB-6-20	30	50	6	2.9	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained		20

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/17/06 0744
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/17/06 0843

BORING ID: SB-6
Sheet: 2 of 2
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 35'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
21							sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		
22									
23									
24									
25	SB-6-25	25	50	6	3.5	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		25
26									
27									
28									
29									
30	SB-6-30	30	50	6	4.3	GP	GRAVELLY SAND, brown, 30% gravel, 65% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		30
31									
32									
33									
34									
35	SB-6-35	35	50	6	4.6	GP	GRAVELLY SAND, brown, 30% gravel, 65% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		35
36							Target depth reached, boring terminated at 35 feet bgs.		
37									
38									
39									
40									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started: 1/17/06 1000
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished: 1/17/06 1055

BORING ID: SB-7
Sheet: 1 of 2
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 35'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 6"	Recovery (inches)	Headspace (ppm)	U.S.C.S	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
1							4 inches of concrete		
2									
3									
4									
5							No samples collected above 10 feet; backfill materials		
6									
7									
8									
9									
10	SB-7-10	10	50	6	4.2	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		10
11									
12									
13									
14									
15	SB-7-15	15	50	6	5.9	GP	SANDY GRAVEL, brown, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		15
16									
17									
18									
19									
20	SB-7-20	20	50	6	4.9	GP	SANDY GRAVEL, brown, 45% gravel, 45% subrounded, medium to coarse-grained		20

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

ENSR | AECOM

Client: TA Realty
Project Number: 06489-085-004
Site Location: 5305 Rivergrade Road, Irwindale, California
Coordinates: Elevation:
Drilling Method: Hollow Stem Auger
Sample Type(s): Split Spoon Boring Diameter: 4"
Weather: Cool, Sunny, Mid-60's Logged By: N. Pagano Date/Time Started:1/17/06 1000
Drilling Contractor: Cascade Drilling Ground Elevation: Date/Time Finished:1/17/06 1055

BORING ID: SB-7
Sheet: 2 of 2
Monitoring Well Installed:
Screened Interval: --
Depth of Boring: 35'
Water Level: NE

Depth (ft)	Geologic sample ID	Sample Depth (ft)	Blows per 5"	Recovery (inches)	Headspace (ppm)	U.S.C.S.	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)	Lab Sample ID	Lab Sample Depth (Ft.)
21							sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		
22									
23									
24									
25	SB-7-25	25	50	6	3.6	GP	SANDY GRAVEL, tan, 50% gravel, 45% subrounded, medium to coarse-grained sand, 5% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		25
26									
27									
28									
29									
30	SB-7-30	30	50	6	4.5	GP	SANDY GRAVEL, brown, 50% gravel, 40% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		30
31									
32									
33									
34									
35	SB-7-35	35	50	6	6.0	GP	SANDY GRAVEL, brown, 50% gravel, 40% subrounded, medium to coarse-grained sand, 10% fines, dry, dense, non-plastic, poorly graded, no odor or staining.		35
36							Target depth reached, boring terminated at 35 feet bgs.		
37									
38									
39									
40									

NOTES:

Date	Time	Depth to groundwater while drilling

Checked by Date:

Appendix C

Laboratory Analytical Results/Chain of Custody Records

Calscience Environmental Laboratories, Inc.

January 26, 2006

Bob Baca
ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Subject: **Calscience Work Order No.:** **06-01-0760**
Client Reference: **Irwindale: 06489-085-003**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/17/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience
Environmental
Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

CASE NARRATIVE

Calscience Work Order No.: 06-01-0760
Client Reference: Irwindale: 06489-085-003

Due to the low surrogate recovery for TPH-G by EPA 5035 preparation method for sample SB-6-35, the sample was confirmed using the bulk sample by EPA 5030B preparation method. Both results were reported.

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-10	06-01-0760-1	01/17/06	Solid	01/18/06	01/18/06	060118B05

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	190	10	9.6	2		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	101	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-15	06-01-0760-2	01/17/06	Solid	01/18/06	01/18/06	060118B05

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	86	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	90	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-20	06-01-0760-3	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	56	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	88	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-25	06-01-0760-4	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	89	62-152				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 3550B
Method: DHS LUFT

Project: Lewindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-30	06-01-0760-5	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comments): The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	69	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	88	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-35	06-01-0760-6	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comments): The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	38	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	87	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-10	06-01-0760-7	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comments): The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	210	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	90	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-15	06-01-0760-8	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comments): Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	87	62-152				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-20	06-01-0760-9	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	85	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	95	62-152				

SB-7-25	06-01-0760-10	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	93	62-152				

SB-7-30	06-01-0760-11	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	94	62-152				

SB-7-35	06-01-0760-12	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	88	62-152				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-10	06-01-0760-13	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	7800	100	96	20		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	87	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-15	06-01-0760-14	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	2500	20	19	4		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	86	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-20	06-01-0760-15	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	270	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	86	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-25	06-01-0760-16	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	79	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	93	62-152				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-30	06-01-0760-17	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	89	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-35	06-01-0760-18	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	90	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-10	06-01-0760-19	01/17/06	Solid	01/18/06	01/19/06	060118B05

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	560	10	9.6	2		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	92	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-15	06-01-0760-20	01/17/06	Solid	01/18/06	01/20/06	060118B05

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	91	62-152				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 3550B
Method: DHS LUFT

Project: Twindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-20	06-01-0760-21	01/17/06	Solid	01/18/06	01/19/06	060118B04

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	6.0	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	87	62-152				

SB-3-25	06-01-0760-22	01/17/06	Solid	01/18/06	01/19/06	060118B04

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	5.2	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	88	62-152				

SB-3-30	06-01-0760-23	01/17/06	Solid	01/18/06	01/19/06	060118B04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	88	62-152				

SB-3-35	06-01-0760-24	01/17/06	Solid	01/18/06	01/19/06	060118B04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	88	62-152				

Method Blank	098-03-002-5,141	N/A	Solid	01/18/06	01/18/06	060118B04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	93	62-152				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	098-03-002-5,142	N/A	Solid	01/18/06	01/18/06	060118B05

Comments): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	99	62-152				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-10	06-01-0760-1	01/17/06	Solid	01/17/06	01/19/06	060119B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.12	0.31	0.076	1.25	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	94	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-15	06-01-0760-2	01/17/06	Solid	01/17/06	01/19/06	060119B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.18	0.67	0.16	2.66	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	91	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-20	06-01-0760-3	01/17/06	Solid	01/17/06	01/19/06	060119B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.19	0.40	0.097	1.6	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	90	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-25	06-01-0760-4	01/17/06	Solid	01/17/06	01/19/06	060119B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.31	0.36	0.088	1.45	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	95	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-30	06-01-0760-5	01/17/06	Solid	01/17/06	01/19/06	060119B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.36	1.1	0.27	4.5	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	60	70-130			2	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: DHS LUFT

Project: Lewindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-35	06-01-0760-6	01/17/06	Solid	01/17/06	01/20/06	060120B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.58	0.68	0.17	2.73	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	72	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-10	06-01-0760-7	01/17/06	Solid	01/17/06	01/19/06	060118B01

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	120	8	2.1	34		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	115	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-15	06-01-0760-8	01/17/06	Solid	01/17/06	01/19/06	060119B01

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	1.3	0.6	0.16	2.6		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	88	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-20	06-01-0760-9	01/17/06	Solid	01/17/06	01/19/06	060118B01

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	17	8	1.8	30		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	96	70-130				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-25	06-01-0760-10	01/17/06	Solid	01/17/06	01/20/06	060120B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.14	0.34	0.083	1.36	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	92	70-130				

SB-7-30	06-01-0760-11	01/17/06	Solid	01/17/06	01/20/06	060120B01

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	3.0	0.3	0.083	1.37		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	101	70-130				

SB-7-35	06-01-0760-12	01/17/06	Solid	01/17/06	01/20/06	060120B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.32	0.48	0.12	1.91	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	93	70-130				

SB-5-10	06-01-0760-13	01/17/06	Solid	01/17/06	01/19/06	060118B01

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	240	8	2.1	34		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	109	70-130				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	01/17/06
1220 Avenida Acaso	Work Order No:	06-01-0760
Camarillo, CA 93012-8738	Preparation:	EPA 5035
	Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-15	06-01-0760-14	01/17/06	Solid	01/17/06	01/19/06	060118B01

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.
Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	160	30	7.2	118		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	94	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-20	06-01-0760-15	01/17/06	Solid	01/17/06	01/19/06	060119B01

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.
Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.38	0.30	0.073	1.2		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	98	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-25	06-01-0760-16	01/17/06	Solid	01/17/06	01/19/06	060119B01

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.
Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.18	0.25	0.061	1	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	100	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-30	06-01-0760-17	01/17/06	Solid	01/17/06	01/20/06	060120B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.23	0.45	0.11	1.8	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	89	70-130				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: DHS LUFT

Project: Linwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-35	06-01-0760-18	01/17/06	Solid	01/17/06	01/23/06	060123B01

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.42	0.27	0.066	1.09		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	96	70-130				

SB-3-10	06-01-0760-19	01/17/06	Solid	01/17/06	01/18/06	060118B02

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.
Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	21	21	5.1	83		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	81	70-130				

SB-3-15	06-01-0760-20	01/17/06	Solid	01/17/06	01/23/06	060123B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.17	0.35	0.085	1.4	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	90	70-130				

SB-3-20	06-01-0760-21	01/17/06	Solid	01/17/06	01/20/06	060120B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.18	0.35	0.085	1.39	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	91	70-130				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-25	06-01-0760-22	01/17/06	Solid	01/17/06	01/24/06	060123B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.45	0.64	0.15	2.54	J	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	92	70-130	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-30	06-01-0760-23	01/17/06	Solid	01/17/06	01/19/06	060119B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.42	0.10	1.66		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	70-130	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-35	06-01-0760-24	01/17/06	Solid	01/17/06	01/20/06	060119B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.33	0.57	0.14	2.27	J	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	81	70-130	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-009-4,606	N/A	Solid	01/18/05	01/19/06	060118B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	10	2.4	40		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	87	70-130	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-009-4,607	N/A	Solid	01/18/05	01/18/06	060118B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	10	2.4	40		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	87	70-130	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-009-4,608	N/A	Solid	01/19/06	01/19/06	060119B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.25	0.061	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	90	70-130				

Method Blank	099-12-009-4,609	N/A	Solid	01/19/06	01/19/06	060119B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.25	0.061	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	88	70-130				

Method Blank	099-12-009-4,610	N/A	Solid	01/20/06	01/20/06	060120B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.25	0.061	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	91	70-130				

Method Blank	099-12-009-4,611	N/A	Solid	01/21/06	01/23/06	060123B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.25	0.061	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	89	70-130				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarilb, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5030B
Method: DHS LUFT

Project: Inwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
QCTB	06-01-0760-25	01/17/06	Aqueous	01/18/06	01/19/06	060118B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	44	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	72	49-133				

Method Blank	098-03-006-8,060	N/A	Aqueous	01/18/06	01/18/06	060118B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	44	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	78	49-133				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

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ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5030B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-30	06-01-0760-5	01/17/06	Solid	01/23/06	01/23/06	060123B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.22	0.50	0.13	1	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene - FID	88	39-123				

Method Blank	098-01-002-4,507	N/A	Solid	01/23/06	01/23/06	060123B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.50	0.13	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene - FID	95	39-123				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarilb, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
QCTB	06-01-0760-25	01/17/06	Aqueous	01/18/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.500	0.26	1		Tert-Butyl Alcohol (TBA)	ND	10	3.9	1	
Ethylbenzene	ND	1.0	0.17	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.35	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.39	1	
Xylenes (total)	ND	1.0	0.21	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.33	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1		Ethanol	ND	100	54	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	74-140		1,2-Dichloroethane-d4	116	74-146	
Toluene-d8	103	88-112		1,4-Bromofluorobenzene	83	74-110	

Method Blank	099-10-006-16,835	N/A	Aqueous	01/18/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.500	0.26	1		Tert-Butyl Alcohol (TBA)	ND	10	3.9	1	
Ethylbenzene	ND	1.0	0.17	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.35	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.39	1	
Xylenes (total)	ND	1.0	0.21	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.33	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1		Ethanol	ND	100	54	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	74-140		1,2-Dichloroethane-d4	113	74-146	
Toluene-d8	103	88-112		1,4-Bromofluorobenzene	84	74-110	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-10	06-01-0760-1	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.48	2.7	0.31	2.66	J	Tert-Butyl Alcohol (TBA)	ND	53	14	2.66	
Ethylbenzene	ND	2.7	0.34	2.66		Diisopropyl Ether (DIPE)	ND	2.7	0.48	2.66	
Toluene	1.1	2.7	0.54	2.66	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	2.7	0.42	2.66	
Xylenes (total)	0.58	2.7	0.39	2.66	J	Tert-Amyl Methyl Ether (TAME)	ND	2.7	0.76	2.66	
Methyl-t-Butyl Ether (MTBE)	ND	5.3	0.80	2.66		Ethanol	ND	1300	94	2.66	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	104	71-137				1,2-Dichloroethane-d4	109	58-160			
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	101	87-111			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-15	06-01-0760-2	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	1.1	3.2	0.37	3.21	J	Tert-Butyl Alcohol (TBA)	ND	64	16	3.21	
Ethylbenzene	ND	3.2	0.41	3.21		Diisopropyl Ether (DIPE)	ND	3.2	0.57	3.21	
Toluene	1.3	3.2	0.65	3.21	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	3.2	0.51	3.21	
Xylenes (total)	0.90	3.2	0.47	3.21	J	Tert-Amyl Methyl Ether (TAME)	ND	3.2	0.91	3.21	
Methyl-t-Butyl Ether (MTBE)	ND	6.4	0.96	3.21		Ethanol	ND	1600	110	3.21	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	116	71-137				1,2-Dichloroethane-d4	124	58-160			
1,4-Bromofluorobenzene	96	66-126				Toluene-d8	102	87-111			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-20	06-01-0760-3	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.70	1.3	0.15	1.33	J	Tert-Butyl Alcohol (TBA)	ND	27	6.8	1.33	
Ethylbenzene	0.24	1.3	0.17	1.33	J	Diisopropyl Ether (DIPE)	ND	1.3	0.24	1.33	
Toluene	0.85	1.3	0.27	1.33	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.3	0.21	1.33	
Xylenes (total)	0.95	1.3	0.20	1.33	J	Tert-Amyl Methyl Ether (TAME)	ND	1.3	0.38	1.33	
Methyl-t-Butyl Ether (MTBE)	ND	2.7	0.40	1.33		Ethanol	ND	670	47	1.33	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	104	71-137				1,2-Dichloroethane-d4	114	58-160			
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	99	87-111			

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Linwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-25	06-01-0760-4	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.80	2.5	0.29	2.53	J	Tert-Butyl Alcohol (TBA)	ND	51	13	2.53	
Ethylbenzene	ND	2.5	0.32	2.53		Diisopropyl Ether (DIPE)	ND	2.5	0.45	2.53	
Toluene	1.9	2.5	0.51	2.53	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	2.5	0.40	2.53	
Xylenes (total)	0.65	2.5	0.37	2.53	J	Tert-Amyl-Methyl Ether (TAME)	ND	2.5	0.72	2.53	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.76	2.53		Ethanol	ND	1300	89	2.53	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	71-137		1,2-Dichloroethane-d4	118	58-160	
1,4-Bromofluorobenzene	100	66-126		Toluene-d8	100	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-30	06-01-0760-5	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.75	1.8	0.20	1.78	J	Tert-Butyl Alcohol (TBA)	ND	36	9.1	1.78	
Ethylbenzene	0.24	1.8	0.23	1.78	J	Diisopropyl Ether (DIPE)	ND	1.8	0.32	1.78	
Toluene	1.3	1.8	0.36	1.78	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.8	0.28	1.78	
Xylenes (total)	1.2	1.8	0.26	1.78	J	Tert-Amyl-Methyl Ether (TAME)	ND	1.8	0.51	1.78	
Methyl-t-Butyl Ether (MTBE)	ND	3.6	0.53	1.78		Ethanol	ND	890	63	1.78	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	71-137		1,2-Dichloroethane-d4	104	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	102	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-6-35	06-01-0760-6	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.98	1.8	0.21	1.79	J	Tert-Butyl Alcohol (TBA)	ND	36	9.1	1.79	
Ethylbenzene	0.32	1.8	0.23	1.79	J	Diisopropyl Ether (DIPE)	ND	1.8	0.32	1.79	
Toluene	1.3	1.8	0.36	1.79	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.8	0.28	1.79	
Xylenes (total)	1.8	1.8	0.26	1.79	J	Tert-Amyl-Methyl Ether (TAME)	ND	1.8	0.51	1.79	
Methyl-t-Butyl Ether (MTBE)	ND	3.6	0.54	1.79		Ethanol	ND	900	63	1.79	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	71-137		1,2-Dichloroethane-d4	105	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Linwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-10	06-01-0760-7	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.39	1.4	0.16	1.39	J	Tert-Butyl Alcohol (TBA)	ND	28	7.1	1.39	
Ethylbenzene	7.0	1.4	0.18	1.39		Diisopropyl Ether (DIPE)	ND	1.4	0.25	1.39	
Toluene	4.6	1.4	0.28	1.39	B	Ethyl-t-Butyl Ether (ETBE)	ND	1.4	0.22	1.39	
Xylenes (total)	51	1	0.21	1.39		Tert-Amyl-Methyl Ether (TAME)	ND	1.4	0.39	1.39	
Methyl-t-Butyl Ether (MTBE)	ND	2.8	0.42	1.39		Ethanol	ND	700	49	1.39	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	121	71-137				1,2-Dichloroethane-d4	126	58-160			
1,4-Bromofluorobenzene	102	66-126				Toluene-d8	98	87-111			

SB-7-15	06-01-0760-8	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.30	1.6	0.18	1.6	J	Tert-Butyl Alcohol (TBA)	ND	32	8.1	1.6	
Ethylbenzene	0.37	1.6	0.20	1.6	J	Diisopropyl Ether (DIPE)	ND	1.6	0.29	1.6	
Toluene	0.40	1.6	0.32	1.6	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.6	0.25	1.6	
Xylenes (total)	3.1	1.6	0.24	1.6		Tert-Amyl-Methyl Ether (TAME)	ND	1.6	0.45	1.6	
Methyl-t-Butyl Ether (MTBE)	ND	3.2	0.48	1.6		Ethanol	ND	800	57	1.6	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	100	71-137				1,2-Dichloroethane-d4	106	58-160			
1,4-Bromofluorobenzene	97	66-126				Toluene-d8	101	87-111			

SB-7-20	06-01-0760-9	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.17	0.98	0.11	0.98	J	Tert-Butyl Alcohol (TBA)	ND	20	5.0	0.98	
Ethylbenzene	ND	0.98	0.12	0.98		Diisopropyl Ether (DIPE)	ND	0.98	0.18	0.98	
Toluene	0.21	0.98	0.20	0.98	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	0.98	0.15	0.98	
Xylenes (total)	0.45	0.98	0.14	0.98	J	Tert-Amyl-Methyl Ether (TAME)	ND	0.98	0.28	0.98	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.29	0.98		Ethanol	44	490	35	0.98	J
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	115	71-137				1,2-Dichloroethane-d4	122	58-160			
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	103	87-111			

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Inwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-25	06-01-0760-10	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.26	1.1	0.13	1.13	J	Tert-Butyl Alcohol (TBA)	9.2	23.0	5.7	1.13	J
Ethylbenzene	ND	1.1	0.14	1.13		Diisopropyl Ether (DIPE)	ND	1.1	0.20	1.13	
Toluene	0.42	1.1	0.23	1.13	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.1	0.18	1.13	
Xylenes (total)	0.19	1.1	0.17	1.13	J	Tert-Amyl-Methyl Ether (TAME)	ND	1.1	0.32	1.13	
Methyl-t-Butyl Ether (MTBE)	ND	2.3	0.34	1.13		Ethanol	40	570	40	1.13	J
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	113	71-137				1,2-Dichloroethane-d4	119	58-160			
1,4-Bromofluorobenzene	97	66-126				Toluene-d8	101	87-111			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-30	06-01-0760-11	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.29	1.2	0.13	1.16	J	Tert-Butyl Alcohol (TBA)	13	23	5.9	1.16	J
Ethylbenzene	ND	1.2	0.15	1.16		Diisopropyl Ether (DIPE)	ND	1.2	0.21	1.16	
Toluene	0.61	1.2	0.23	1.16	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.2	0.18	1.16	
Xylenes (total)	ND	1.2	0.17	1.16		Tert-Amyl-Methyl Ether (TAME)	ND	1.2	0.33	1.16	
Methyl-t-Butyl Ether (MTBE)	ND	2.3	0.35	1.16		Ethanol	47	580	41	1.16	J
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	113	71-137				1,2-Dichloroethane-d4	119	58-160			
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	102	87-111			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-7-35	06-01-0760-12	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.32	1.3	0.15	1.27	J	Tert-Butyl Alcohol (TBA)	ND	25	6.5	1.27	
Ethylbenzene	ND	1.3	0.16	1.27		Diisopropyl Ether (DIPE)	ND	1.3	0.23	1.27	
Toluene	0.38	1.3	0.26	1.27	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.3	0.20	1.27	
Xylenes (total)	ND	1.3	0.19	1.27		Tert-Amyl-Methyl Ether (TAME)	ND	1.3	0.36	1.27	
Methyl-t-Butyl Ether (MTBE)	ND	2.5	0.38	1.27		Ethanol	ND	640	45	1.27	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	114	71-137				1,2-Dichloroethane-d4	120	58-160			
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Lewindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-10	06-01-0760-13	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	1.9	1.3	0.15	1.29		Tert-Butyl Alcohol (TBA)	ND	26	6.6	1.29	
Ethylbenzene	10	1	0.16	1.29		Diisopropyl Ether (DIPE)	ND	1.3	0.23	1.29	
Toluene	6.8	1.3	0.26	1.29	B	Ethyl-t-Butyl Ether (ETBE)	ND	1.3	0.20	1.29	
Xylenes (total)	66	1	0.19	1.29		Tert-Amyl-Methyl Ether (TAME)	ND	1.3	0.37	1.29	
Methyl-t-Butyl Ether (MTBE)	ND	2.6	0.39	1.29		Ethanol	ND	650	46	1.29	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	116	71-137				1,2-Dichloroethane-d4	124	58-160			
1,4-Bromofluorobenzene	96	66-126				Toluene-d8	102	87-111			

SB-5-15	06-01-0760-14	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	1.1	2.0	0.23	2.04	J	Tert-Butyl Alcohol (TBA)	ND	41	10	2.04	
Ethylbenzene	0.49	2.0	0.26	2.04	J	Diisopropyl Ether (DIPE)	ND	2.0	0.36	2.04	
Toluene	1.0	2.0	0.41	2.04	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.32	2.04	
Xylenes (total)	2.9	2.0	0.30	2.04		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.58	2.04	
Methyl-t-Butyl Ether (MTBE)	ND	4.1	0.61	2.04		Ethanol	75	1000	72	2.04	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	111	71-137				1,2-Dichloroethane-d4	115	58-160			
1,4-Bromofluorobenzene	97	66-126				Toluene-d8	100	87-111			

SB-5-20	06-01-0760-15	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	12	2	0.29	2.54		Tert-Butyl Alcohol (TBA)	400	51	13	2.54	
Ethylbenzene	4.3	2.5	0.32	2.54		Diisopropyl Ether (DIPE)	ND	2.5	0.45	2.54	
Toluene	15	2	0.51	2.54	B	Ethyl-t-Butyl Ether (ETBE)	ND	2.5	0.40	2.54	
Xylenes (total)	6.0	2.5	0.37	2.54		Tert-Amyl-Methyl Ether (TAME)	ND	2.5	0.72	2.54	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.76	2.54		Ethanol	ND	1300	90	2.54	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	103	71-137				1,2-Dichloroethane-d4	113	58-160			
1,4-Bromofluorobenzene	101	66-126				Toluene-d8	102	87-111			

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-25	06-01-0760-16	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.18	1.3	0.15	1.34	J	Tert-Butyl Alcohol (TBA)	ND	27	6.8	1.34	
Ethylbenzene	ND	1.3	0.17	1.34		Diisopropyl Ether (DIPE)	ND	1.3	0.24	1.34	
Toluene	ND	1.3	0.27	1.34		Ethyl-t-Butyl Ether (ETBE)	ND	1.3	0.21	1.34	
Xylenes (total)	ND	1.3	0.20	1.34		Tert-Amyl-Methyl Ether (TAME)	ND	1.3	0.38	1.34	
Methyl-t-Butyl Ether (MTBE)	ND	2.7	0.40	1.34		Ethanol	ND	670	47	1.34	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	71-137		1,2-Dichloroethane-d4	112	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	100	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-30	06-01-0760-17	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.34	1.3	0.15	1.34	J	Tert-Butyl Alcohol (TBA)	ND	27	6.8	1.34	
Ethylbenzene	ND	1.3	0.17	1.34		Diisopropyl Ether (DIPE)	ND	1.3	0.24	1.34	
Toluene	0.36	1.3	0.27	1.34	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.3	0.21	1.34	
Xylenes (total)	ND	1.3	0.20	1.34		Tert-Amyl-Methyl Ether (TAME)	ND	1.3	0.38	1.34	
Methyl-t-Butyl Ether (MTBE)	ND	2.7	0.40	1.34		Ethanol	ND	670	47	1.34	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	71-137		1,2-Dichloroethane-d4	122	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	102	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-5-35	06-01-0760-18	01/17/06	Solid	01/17/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.60	1.2	0.14	1.2	J	Tert-Butyl Alcohol (TBA)	21	24	6.1	1.2	J
Ethylbenzene	0.28	1.2	0.15	1.2	J	Diisopropyl Ether (DIPE)	ND	1.2	0.21	1.2	
Toluene	0.81	1.2	0.24	1.2	J	Ethyl-t-Butyl Ether (ETBE)	ND	1.2	0.19	1.2	
Xylenes (total)	0.33	1.2	0.18	1.2	J	Tert-Amyl-Methyl Ether (TAME)	ND	1.2	0.34	1.2	
Methyl-t-Butyl Ether (MTBE)	ND	2.4	0.36	1.2		Ethanol	ND	600	42	1.2	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	71-137		1,2-Dichloroethane-d4	121	58-160	
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	104	87-111	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-10	06-01-0760-19	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.45	1.2	0.14	1.23	J	Tert-Butyl Alcohol (TBA)	ND	25	6.3	1.23	
Ethylbenzene	0.61	1.2	0.16	1.23	J	Diisopropyl Ether (DIPE)	ND	1.2	0.22	1.23	
Toluene	0.66	1.2	0.25	1.23	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.2	0.19	1.23	
Xylenes (total)	4.7	1.2	0.18	1.23		Tert-Amyl Methyl Ether (TAME)	ND	1.2	0.35	1.23	
Methyl-t-Butyl Ether (MTBE)	ND	2.5	0.37	1.23		Ethanol	ND	620	44	1.23	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	123	58-160	
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	102	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-15	06-01-0760-20	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.33	2.0	0.23	2	J	Tert-Butyl Alcohol (TBA)	ND	40	10	2	
Ethylbenzene	ND	2.0	0.25	2		Diisopropyl Ether (DIPE)	ND	2.0	0.36	2	
Toluene	0.44	2.0	0.40	2	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.32	2	
Xylenes (total)	ND	2.0	0.29	2		Tert-Amyl Methyl Ether (TAME)	ND	2.0	0.57	2	
Methyl-t-Butyl Ether (MTBE)	ND	4.0	0.60	2		Ethanol	ND	1000	71	2	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	71-137		1,2-Dichloroethane-d4	112	58-160	
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	100	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-20	06-01-0760-21	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.27	1.3	0.15	1.31	J	Tert-Butyl Alcohol (TBA)	ND	26	6.7	1.31	
Ethylbenzene	ND	1.3	0.17	1.31		Diisopropyl Ether (DIPE)	ND	1.3	0.23	1.31	
Toluene	0.31	1.3	0.26	1.31	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.3	0.21	1.31	
Xylenes (total)	ND	1.3	0.19	1.31		Tert-Amyl Methyl Ether (TAME)	ND	1.3	0.37	1.31	
Methyl-t-Butyl Ether (MTBE)	ND	2.6	0.39	1.31		Ethanol	ND	660	46	1.31	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	122	58-160	
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	103	87-111	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

CNSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale:06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-25	06-01-0760-22	01/17/06	Solid	01/17/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.27	1.3	0.14	1.26	J	Tert-Butyl Alcohol (TBA)	ND	25	6.4	1.26	
Ethylbenzene	ND	1.3	0.16	1.26		Diisopropyl Ether (DIPE)	ND	1.3	0.23	1.26	
Toluene	0.36	1.3	0.25	1.26	J	Ethyl-t-Butyl Ether (ETBE)	ND	1.3	0.20	1.26	
Xylenes (total)	ND	1.3	0.19	1.26		Tert-Amyl-Methyl Ether (TAME)	ND	1.3	0.36	1.26	
Methyl-t-Butyl Ether (MTBE)	ND	2.5	0.38	1.26		Ethanol	ND	630	45	1.26	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	121	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	102	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-30	06-01-0760-23	01/17/06	Solid	01/17/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.38	1.2	0.14	1.18	J	Tert-Butyl Alcohol (TBA)	ND	24	6.0	1.18	
Ethylbenzene	ND	1.2	0.15	1.18		Diisopropyl Ether (DIPE)	ND	1.2	0.21	1.18	
Toluene	0.44	1.2	0.24	1.18	J,B	Ethyl-t-Butyl Ether (ETBE)	ND	1.2	0.19	1.18	
Xylenes (total)	ND	1.2	0.17	1.18		Tert-Amyl-Methyl Ether (TAME)	ND	1.2	0.34	1.18	
Methyl-t-Butyl Ether (MTBE)	ND	2.4	0.35	1.18		Ethanol	ND	590	42	1.18	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	71-137		1,2-Dichloroethane-d4	125	58-160	
1,4-Bromofluorobenzene	101	66-126		Toluene-d8	101	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-3-35	06-01-0760-24	01/17/06	Solid	01/17/06	01/20/06	060120L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.57	2.5	0.28	2.46	J	Tert-Butyl Alcohol (TBA)	23	49	13	2.46	J
Ethylbenzene	ND	2.5	0.31	2.46		Diisopropyl Ether (DIPE)	ND	2.5	0.44	2.46	
Toluene	0.96	2.5	0.50	2.46	J	Ethyl-t-Butyl Ether (ETBE)	ND	2.5	0.39	2.46	
Xylenes (total)	ND	2.5	0.36	2.46		Tert-Amyl-Methyl Ether (TAME)	ND	2.5	0.70	2.46	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.74	2.46		Ethanol	ND	1200	87	2.46	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	117	71-137		1,2-Dichloroethane-d4	125	58-160	
1,4-Bromofluorobenzene	82	66-126		Toluene-d8	90	87-111	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Linwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	095-01-025-12,639	N/A	Solid	01/18/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	1.0	0.11	1		Tert-Butyl Alcohol (TBA)	ND	20	5.1	1	
Ethylbenzene	ND	1.0	0.13	1		Diisopropyl Ether (DIPE)	ND	1.0	0.18	1	
Toluene	0.22	1.0	0.20	1	J	Ethyl-t-Butyl Ether (ETBE)	ND	1.0	0.16	1	
Xylenes (total)	ND	1.0	0.15	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	0.28	1	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.30	1		Ethanol	ND	500	35	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	107	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	102	87-111	

Method Blank	095-01-025-12,640	N/A	Solid	01/18/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	1.0	0.11	1		Tert-Butyl Alcohol (TBA)	ND	20	5.1	1	
Ethylbenzene	ND	1.0	0.13	1		Diisopropyl Ether (DIPE)	ND	1.0	0.18	1	
Toluene	0.25	1.0	0.20	1	J	Ethyl-t-Butyl Ether (ETBE)	ND	1.0	0.16	1	
Xylenes (total)	ND	1.0	0.15	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	0.28	1	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.30	1		Ethanol	ND	500	35	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	104	58-160	
1,4-Bromofluorobenzene	95	66-126		Toluene-d8	101	87-111	

Method Blank	095-01-025-12,644	N/A	Solid	01/19/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	1.0	0.11	1		Tert-Butyl Alcohol (TBA)	ND	20	5.1	1	
Ethylbenzene	ND	1.0	0.13	1		Diisopropyl Ether (DIPE)	ND	1.0	0.18	1	
Toluene	ND	1.0	0.20	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	0.16	1	
Xylenes (total)	ND	1.0	0.15	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	0.28	1	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.30	1		Ethanol	ND	500	35	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	108	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	102	87-111	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	095-01-025-12,649	N/A	Solid	01/20/06	01/20/06	060120L01

Comments): Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	1.0	0.11	1		Tert-Butyl Alcohol (TBA)	ND	20	5.1	1	
Ethylbenzene	ND	1.0	0.13	1		Diisopropyl Ether (DIPE)	ND	1.0	0.18	1	
Toluene	ND	1.0	0.20	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	0.16	1	
Xylenes (total)	ND	1.0	0.15	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	0.28	1	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.30	1		Ethanol	ND	500	35	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	117	71-137		1,2-Dichloroethane-d4	120	58-160	
1,4-Bromofluorobenzene	83	66-126		Toluene-d8	93	87-111	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	01/17/06
1220 Avenida Acaso	Work Order No:	06-01-0760
Camarillo, CA 93012-8731	Preparation:	EPA 3550B
	Method:	DHS LUFT

Project Lawndale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-01-0795-1	Solid	GC 6	01/18/06	01/18/06	060118S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	90	89	71-125	2	0-12	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 3550B
Method: DHS LUFT

Project Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-3-15	Solid	GC 6	01/18/06	01/18/06	060118S05

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	94	99	71-125	5	0-12	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5030B
Method: DHS LUFT

Project Lewindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-01-0733-1	Aqueous	GC 29	01/18/06	01/18/06	060118S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	94	94	70-112	0	0-17	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	01/17/06
1220 Avenida Acaso	Work Order No:	06-01-0760
Camarillo, CA 93012-8738	Preparation:	EPA 5030B
	Method:	DHS LUFT

Project Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-01-0883-6	Solid	GC 1	01/23/06	01/23/06	060123S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	86	76	50-116	11	0-25	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8731

Date Received: 01/17/06
Work Order No: 06-01-0760
Preparation: EPA 5030B
Method: EPA 8260B

Project Lewindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-01-0756-1	Aqueous	GC/MS O	01/18/06	01/18/06	060118S01

Parameter	MS % REC	MSD % REC	% REC CL	RPD	RPD CL	Qualifiers
Benzene	104	104	88-118	0	0-7	
Carbon Tetrachloride	104	104	67-145	0	0-11	
Chlorobenzene	103	105	88-118	2	0-7	
1,2-Dichlorobenzene	103	104	86-116	1	0-8	
1,1-Dichloroethene	78	92	70-130	17	0-25	
Toluene	112	112	87-123	1	0-8	
Trichloroethene	101	101	79-127	0	0-10	
Vinyl Chloride	102	104	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	99	97	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	93	93	36-168	1	0-45	
Diisopropyl Ether (DIPE)	104	102	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	94	95	72-126	2	0-12	
Tert-Amyl Methyl Ether (TAME)	98	99	72-126	1	0-12	
Ethanol	110	106	53-149	4	0-31	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0760
Preparation: EPA 3550B
Method: DHS LUFT

Project: Inwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-002-5,141	Solid	GC 6	01/18/06	01/18/06	060118B04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	92	93	71-119	1	0-20	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
1220 Avenida Acaso	Work Order No:	06-01-0760
Camarillo, CA 93012-8738	Preparation:	EPA 3550B
	Method:	DHS LUFT

Project: Linwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-002-5,142	Solid	GC 6	01/18/06	01/18/06	060118B05

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	96	93	71-119	3	0-20	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
1220 Avenida Acaso	Work Order No:	06-01-0760
Camarillo, CA 93012-8738	Preparation:	EPA 5035
	Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,606	Solid	GC 1	01/18/05	01/19/06	060118B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	96	102	70-130	6	0-25	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
1220 Avenida Acaso		Work Order No:	06-01-0760
Camarillo, CA 93012-8738		Preparation:	EPA 5035
		Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,607	Solid	GC 22	01/18/05	01/18/06	060118B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	102	104	70-130	3	0-25	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: DHS LUFT

Project: Lewindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,609	Solid	GC 1	01/19/06	01/19/06	060119B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	104	98	70-130	6	0-25	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
1220 Avenida Acaso		Work Order No:	06-01-0760
Camarillo, CA 93012-8738		Preparation:	EPA 5035
		Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,608	Solid	GC 22	01/19/06	01/19/06	060119B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	99	97	70-130	2	0-25	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,610	Solid	GC 1	01/20/06	01/20/06	060120B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	100	102	70-130	1	0-25	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: DHS LUFT

Project: Linwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,611	Solid	GC 24	01/21/06	01/23/06	060123B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	103	89	70-130	14	0-25	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
1220 Avenida Acaso		Work Order No:	06-01-0760
Camarillo, CA 93012-8738		Preparation:	EPA 5030B
		Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-006-8,060	Aqueous	GC 29	01/18/06	01/18/06	060118B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	99	97	72-114	2	0-10	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
1220 Avenida Acaso		Work Order No:	06-01-0760
Camarillo, CA 93012-8738		Preparation:	EPA 5030B
		Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-01-002-4,507	Solid	GC 1	01/23/06	01/23/06	060123B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	91	94	74-122	3	0-14	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

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ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0760
Preparation: EPA 5030B
Method: EPA 8260B

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-16,835	Aqueous	GC/MS O	01/18/06	01/18/06	060118L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	99	84-120	2	0-8	
Carbon Tetrachloride	101	99	63-147	3	0-10	
Chlorobenzene	104	100	89-119	4	0-7	
1,2-Dichlorobenzene	103	103	89-119	1	0-9	
1,1-Dichloroethene	116	112	77-125	4	0-16	
Toluene	110	108	83-125	2	0-9	
Trichloroethene	102	100	89-119	2	0-8	
Vinyl Chloride	103	97	63-135	5	0-13	
Methyl-t-Butyl Ether (MTBE)	104	102	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	90	93	46-154	4	0-32	
Diisopropyl Ether (DIPE)	104	102	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	100	98	74-122	2	0-12	
Tert-Amyl Methyl Ether (TAME)	105	105	76-124	0	0-10	
Ethanol	113	110	60-138	2	0-32	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,640	Solid	GC/MS Q	01/18/06	01/18/06	060118L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	106	85-115	2	0-11	
Carbon Tetrachloride	80	81	68-134	2	0-14	
Chlorobenzene	103	103	83-119	1	0-9	
1,2-Dichlorobenzene	100	101	57-135	1	0-10	
1,1-Dichloroethene	99	99	72-120	0	0-10	
Toluene	108	110	67-127	2	0-10	
Trichloroethene	108	108	88-112	0	0-9	
Vinyl Chloride	105	102	57-129	3	0-16	
Methyl-t-Butyl Ether (MTBE)	95	96	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	81	85	31-145	4	0-23	
Diisopropyl Ether (DIPE)	99	99	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	92	93	77-125	2	0-9	
Tert-Amyl Methyl Ether (TAME)	100	103	81-123	3	0-10	
Ethanol	103	107	44-152	3	0-24	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,639	Solid	GC/MS W	01/18/06	01/18/06	060118L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	96	85-115	2	0-11	
Carbon Tetrachloride	122	121	68-134	0	0-14	
Chlorobenzene	94	94	83-119	0	0-9	
1,2-Dichlorobenzene	96	96	57-135	0	0-10	
1,1-Dichloroethene	105	105	72-120	1	0-10	
Toluene	97	95	67-127	2	0-10	
Trichloroethene	99	99	88-112	0	0-9	
Vinyl Chloride	104	103	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	107	106	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	103	103	31-145	0	0-23	
Diisopropyl Ether (DIPE)	106	104	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	107	106	77-125	1	0-9	
Tert-Amyl Methyl Ether (TAME)	106	104	81-123	1	0-10	
Ethanol	107	96	44-152	11	0-24	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B

Project: Lewindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,644	Solid	GC/MS Q	01/19/06	01/19/06	060119L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	97	85-115	4	0-11	
Carbon Tetrachloride	80	77	68-134	4	0-14	
Chlorobenzene	100	97	83-119	3	0-9	
1,2-Dichlorobenzene	101	98	57-135	4	0-10	
1,1-Dichloroethene	93	88	72-120	5	0-10	
Toluene	106	102	67-127	5	0-10	
Trichloroethene	105	101	88-112	4	0-9	
Vinyl Chloride	97	92	57-129	5	0-16	
Methyl-t-Butyl Ether (MTBE)	90	87	76-124	4	0-12	
Tert-Butyl Alcohol (TBA)	77	74	31-145	4	0-23	
Diisopropyl Ether (DIPE)	95	92	74-128	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	86	83	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	96	92	81-123	4	0-10	
Ethanol	98	97	44-152	1	0-24	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0760
Preparation: EPA 5035
Method: EPA 8260B

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,649	Solid	GCMSX	01/20/06	01/20/06	060120L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	98	85-115	2	0-11	
Carbon Tetrachloride	92	93	68-134	1	0-14	
Chlorobenzene	97	97	83-119	1	0-9	
1,2-Dichlorobenzene	99	99	57-135	1	0-10	
1,1-Dichloroethene	104	104	72-120	0	0-10	
Toluene	93	95	67-127	2	0-10	
Trichloroethene	98	98	88-112	0	0-9	
Vinyl Chloride	99	99	57-129	0	0-16	
Methyl-t-Butyl Ether (MTBE)	92	92	76-124	0	0-12	
Tert-Butyl Alcohol (TBA)	88	93	31-145	6	0-23	
Diisopropyl Ether (DIPE)	96	99	74-128	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	100	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	103	107	81-123	3	0-10	
Ethanol	106	108	44-152	2	0-24	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

ACCREDITED IN ACCORDANCE WITH nelac

Work Order Number: 06-01-0760

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Cecile de Guia

From: Perry, Jason [jperry@ensr.aecom.com]
Sent: Thursday, January 19, 2006 12:40 PM
To: Cecile de Guia
Cc: Baca, Robert
Subject: Emailing: TA Realty COC

Hi Cecile,

Attached is the amended COC for the TA Realty project. Please let me know if you have any additional comments or questions.

Thanks,

Jason Perry
ENSR Corporation
1220 Avenida Acaso
Camarillo, CA 93012
Phone: (805) 388-3775
Fax: (805) 388-3577
email: jperry@ensr.aecom.com

ENSR INTERNATIONAL

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ANALYTICAL LAB: CALSCIENCE

0760

SITE RUNDACK DATE 1/17 PAGE 1 OF 3

CLIENT TARGACTY

PROJECT NAME: RUNDACK

PROJECT MANAGER: BOB BACA

JOB #: 06489-085-003

COELT LOG CODE: (YES) NO E N S R

SAMPLER SIGNATURE

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX/ MTBE, Oxygenates	8015 Diesel & Gasoline Carbon Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
1.	SB-6-10	1/17	0744		X	X			S	G	7
2.	SB-6-15	"	0753		"	"			"	"	"
3.	SB-6-20	"	0815		"	"			"	"	"
4.	SB-6-25	"	0821		"	"			"	"	"
5.	SB-6-30	"	0832		"	"			"	"	"
6.	SB-6-35	"	0843		"	"			"	"	"
7.	SB-7-10	"	1000		"	"			"	"	"
8.	SB-7-15	"	1010		"	"			"	"	"
9.	SB-7-20	"	1020		"	"			"	"	"
10.	SB-7-25	"	1025		"	"			"	"	"

TURN-AROUND TIME: STANDARD

OBSERVATIONS/ COMMENTS: Please sample from brass sleeve if methanol VOA is dry

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES: All samples are preserved on ice. Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES ☐ NO ☐

RELINQUISHED BY: METHOD SHIPPED	SIGNATURE	ENSR International	DATE 1/17/06	TIME 1536	TOTAL NUMBER OF CONTAINERS: 150
RECEIVED BY: B KRISTIANZ	SIGNATURE CEL	COMPANY CALSCIENCE LABS	DATE 01/17/06	TIME 15:36	METHOD OF SHIPMENT
RELINQUISHED BY: B KRISTIANZ	SIGNATURE	COMPANY CEL	DATE 01/17/06	TIME 17:15	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: Irami Li	SIGNATURE	COMPANY CEL	DATE 01/17/06	TIME 17:15	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5567

ENSR INTERNATIONAL

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Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: CALSCIENCE (0760)

SITE: IRWINDALE DATE: 1/17/06 PAGE: 2 OF 3

CLIENT: TA REALTY
PROJECT NAME: IRWINDALE
PROJECT MANAGER: BOB BACA
JOB #: 060899-085-003
COELT LOG CODE: (YES) / NO — E N S P
SAMPLER SIGNATURE:

ANALYTICAL METHODS

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE/ Oxygenates	8015 Diesel / Gasoline / Oil Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
11	1. SB-7-30	1/17/06	1040		X	X			S	6/0	7
12	2. SB-7-35		1055								
13	3. SB-5-10		1220								
14	4. SB-5-15		1230								
15	5. SB-5-20		1240								
16	6. SB-5-25		1250								
17	7. SB-5-30		1300								
18	8. SB-5-35		1310								
19	9. SB-3-10		1415								
20	10. SB-3-15		1425								

TURN-AROUND TIME: STANDARD

OBSERVATIONS/ COMMENTS: Please sample from brass sleeve if methanol VOA is dry

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: ☐ YES ☐ NO

RELINQUISHED BY: N. HOLLAND	SIGNATURE	ENSR International	DATE 1/17/06	TIME 1536	TOTAL NUMBER OF CONTAINERS: 156
RECEIVED BY: B. KRISTIANTO	SIGNATURE	COMPANY CALSCIENCE CARB	DATE 01/17/06	TIME 15:36	METHOD OF SHIPMENT
RELINQUISHED BY: B. KRISTIANTO	SIGNATURE	COMPANY CEL	DATE 01/17/06	TIME 17:15	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: TRAM LU	SIGNATURE	COMPANY CEL	DATE 01/17/06	TIME 17:15	

DISTRIBUTION: White and Canary = Laboratory / Pink = ENSR International

Serial No. 5571

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1220 Avenida Acaso
Camarillo, CA 93012-6738
Phone (805) 388-3775
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ANALYTICAL LAB: CALSCIENCE

0760

SITE: IRWINDALE DATE: 1/17/06 PAGE 3 OF 3

CLIENT: LA REALTY
PROJECT NAME: IRWINDALE
PROJECT MANAGER: BOB BACA
JOB #: 060499-085-003
COELT LOG CODE: YES / NO — E N S C
SAMPLER SIGNATURE:

ANALYTICAL METHODS

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE Oxygenates	8015 Diesel / Gasoline / Oil Range	8081A Pesticides	CAM 17 Metals	8260B + Oxygenates	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
1.	SB-3-20	1/17	1435		X	X				S	6/0	7
2.	SB-3-25		1447									
3.	SB-3-30		1455									
4.	SB-3-35		1505									
5.	QCTB		0630						X	W	6	2
6.												
7.												
8.												
9.												
10.												

TURN-AROUND TIME: STANDARD

OBSERVATIONS/ COMMENTS: Please sample from brass sleeve if methanol VOA is dry

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: ☐ YES ☐ NO

RELINQUISHED BY: NICHOLE MAND	SIGNATURE	ENSR International	DATE 1/17/06	TIME 1336	TOTAL NUMBER OF CONTAINERS: 150
RECEIVED BY: BKRISTIANTO	SIGNATURE	COMPANY CALSCIENCE LABS	DATE 01/17/06	TIME 15:36	METHOD OF SHIPMENT
RELINQUISHED BY: BKRISTIANTO	SIGNATURE	COMPANY CEL	DATE 01/17/06	TIME 17:15	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: TRAM LU	SIGNATURE	COMPANY CEL	DATE 01/17/06	TIME 17:15	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5569

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: CALSCIENCE

0760

SITE IRWINDALE DATE 1/17 PAGE 1 OF 3

CLIENT TARGET

PROJECT NAME: IRWINDALE

PROJECT MANAGER: BOB BACH

JOB #: 06489-085-003

COELT LOG CODE: (YES) NO E N S R

SAMPLER SIGNATURE

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	SB-6-10	1/17	0744		X	X			S	6/0	17	
2.	SB-6-15		0753									
3.	SB-6-20		0815									
4.	SB-6-25		0821									
5.	SB-6-30		0832									
6.	SB-6-35		0843									
7.	SB-7-10		1000									
8.	SB-7-15		1010									
9.	SB-7-20		1020									
10.	SB-7-25	"	1025									

TURN-AROUND TIME: STANDARD

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES ☐ NO ☐

RELINQUISHED BY: MICHAEL PAGANO	SIGNATURE	ENSR International	DATE 1/17/06	TIME 1536	TOTAL NUMBER OF CONTAINERS: 150	
RECEIVED BY: B. KRISTIANTO	SIGNATURE	COMPANY CALSCIENCE LABS	DATE 01/17/06	TIME 15:36	METHOD OF SHIPMENT	
RELINQUISHED BY: B. KRISTIANTO	SIGNATURE	COMPANY CEL	DATE 01/17/06	TIME 17:15	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:	
RECEIVED BY: Tram Ly	SIGNATURE	COMPANY CEL	DATE 01/17/06	TIME 17:15		

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5567

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
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ANALYTICAL LAB: CALSCIENCE

0760

SITE IRWINDALE DATE 1/17/06 PAGE 2 OF 3

CLIENT: TA REALTY
PROJECT NAME: IRWINDALE
PROJECT MANAGER: BOB BACA
JOB #: 060489-085-003
COELT LOG CODE: (YES) / NO E N S P
SAMPLER SIGNATURE:

ANALYTICAL METHODS

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE Oxygenates	8015 Diesel Gasoline Full Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
11	1. SB-7-30	1/17/06	1040		X	X			S	6/0	7	
12	2. SB-7-35		1055									
13	3. SB-5-10		1220									
14	4. SB-5-15		1230									
15	5. SB-5-20		1240									
16	6. SB-5-25		1250									
17	7. SB-5-30		1300									
18	8. SB-5-35		1310									
19	9. SB-3-10		1415									
20	10. SB-3-15		1425									

TURN-AROUND TIME: STANDARD

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES ☐ NO ☐

	SIGNATURE		DATE	TIME	
RELINQUISHED BY: NICHOLAS LAND		ENSR International	1/17/06	1536	TOTAL NUMBER OF CONTAINERS: 156
RECEIVED BY: B. KRISTIANTO		COMPANY: CALSCIENCE CAM	DATE: 01/17/06	TIME: 15:36	METHOD OF SHIPMENT
RELINQUISHED BY: B. KRISTIANTO		COMPANY: CER	DATE: 01/17/06	TIME: 17:15	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: TRAM LU		COMPANY: CER	DATE: 01/17/06	TIME: 17:15	

DISTRIBUTION: White and Canary - Laboratory; Pink - ENSR - Internal

Serial No. 5571

ENSR INTERNATIONAL

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: CALSCIENCE

0760

SITE: IRWINDALE DATE: 1/17/05 PAGE 3 OF 3

CLIENT: TA REALTY

PROJECT NAME: IRWINDALE

PROJECT MANAGER: BOB BACA

JOB #: 060489-085-003

COELT LOG CODE: YES / NO E N S P

SAMPLER SIGNATURE

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE Oxygenates	8015 Diesel Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
21 1.	SB-3-20	1/17	1435		X	X			S	6	4
22 2.	SB-3-25		1447								
23 3.	SB-3-30		1455								
24 4.	SB-3-35		1505								
25 5.	QCTB		0630						W	6	2
6.											
7.											
8.											
9.											
10.											

ANALYTICAL METHODS

TURN-AROUND TIME: STANDARD

OBSERVATIONS/ COMMENTS

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER ☐ YES ☐ NO

RELINQUISHED BY: NICHOLAS HAND	SIGNATURE	ENSR International	DATE 1/17/06	TIME 1536	TOTAL NUMBER OF CONTAINERS: 150
RECEIVED BY: B KRISTIANTO	SIGNATURE	COMPANY CALSCIENCE LABS	DATE 01/17/06	TIME 15:36	METHOD OF SHIPMENT
RELINQUISHED BY: B KRISTIANTO	SIGNATURE	COMPANY CSL	DATE 01/17/06	TIME 17:15	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: TAM LY	SIGNATURE	COMPANY CSL	DATE 01/17/06	TIME 17:15	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5569

Calscience Environmental Laboratories, inc.

WORK ORDER #: 06-01-0760

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ENSR DATE: 01/17/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.

3.3 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: VO

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: VO

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓	✓	
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓	✓	
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: VO

COMMENTS:

Soil samples are in Terra core vials (kit).
Sample (-17) is labeled as SB-5-35 at 1300.
Did not receive 500mL amber bottle for diesel, for sample (-25)

Calscience
Environmental
Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

January 20, 2006

Bob Baca
ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Subject: **Calscience Work Order No.:** **06-01-0799**
Client Reference: **Irwindale: 06489-085-003**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/18/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile de Guia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-1-20	06-01-0799-1	01/18/06	Solid	01/19/06	01/19/06	060119B04

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	87	62-152				

SB-1-30	06-01-0799-2	01/18/06	Solid	01/19/06	01/19/06	060119B04

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	92	62-152				

SB-1-35	06-01-0799-3	01/18/06	Solid	01/19/06	01/19/06	060119B04

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	93	62-152				

SB-1-40	06-01-0799-4	01/18/06	Solid	01/19/06	01/19/06	060119B04

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	94	62-152				

SB-4-10	06-01-0799-6	01/18/06	Solid	01/19/06	01/19/06	060119B04

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	19	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	93	62-152				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-15	06-01-0799-7	01/18/06	Solid	01/19/06	01/19/06	060119B04

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	12	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	94	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-20	06-01-0799-8	01/18/06	Solid	01/19/06	01/20/06	060119B04

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	120	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	87	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-25	06-01-0799-9	01/18/06	Solid	01/19/06	01/19/06	060119B04

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	5.8	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	87	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-30	06-01-0799-10	01/18/06	Solid	01/19/06	01/19/06	060119B04

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	91	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-35	06-01-0799-11	01/18/06	Solid	01/19/06	01/19/06	060119B04

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	83	62-152				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	01/18/06
1220 Avenida Acaso		Work Order No:	06-01-0799
Camarillo, CA 93012-8738		Preparation:	EPA 3550B
		Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	098-03-002-5,146	N/A	Solid	01/19/06	01/19/06	060119B04

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	89	62-152				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-1-20	06-01-0799-1	01/18/06	Solid	01/18/06	01/19/06	060119B01

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.14	0.28	0.067	1.1	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	101	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-1-30	06-01-0799-2	01/18/06	Solid	01/18/06	01/19/06	060119B01

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.13	0.35	0.085	1.4	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	98	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-1-35	06-01-0799-3	01/18/06	Solid	01/18/06	01/19/06	060119B01

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.41	0.10	1.64		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	96	70-130				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-1-40	06-01-0799-4	01/18/06	Solid	01/18/06	01/19/06	060119B01

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.20	0.21	0.052	0.849	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	103	70-130				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-10	06-01-0799-6	01/18/06	Solid	01/18/06	01/19/06	060119B01

Comment(s):-The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.30	0.51	0.12	2.03	J	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	70-130	

SB-4-15	06-01-0799-7	01/18/06	Solid	01/18/06	01/19/06	060119B01

Comment(s):-The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.12	0.29	0.071	1.17	J	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	101	70-130	

SB-4-20	06-01-0799-8	01/18/06	Solid	01/18/06	01/19/06	060119B01

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.77	0.24	0.059	0.963		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	107	70-130	

SB-4-25	06-01-0799-9	01/18/06	Solid	01/18/06	01/19/06	060119B01

Comment(s):-The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.20	0.37	0.089	1.46	J	mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	70-130	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-30	06-01-0799-10	01/18/06	Solid	01/18/06	01/19/06	060119B01

Comment(s):-The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.24	0.32	0.078	1.28	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	100	70-130				

SB-4-35	06-01-0799-11	01/18/06	Solid	01/18/06	01/20/06	060119B01

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.067	0.22	0.053	0.871	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	102	70-130				

Method Blank	099-12-009-4,608	N/A	Solid	01/19/06	01/19/06	060119B01

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.25	0.061	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	90	70-130				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5030B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
QCTB	**06-01-0799-5**	**01/18/06**	**Aqueous**	**01/18/06**	**01/18/06**	**060118B01**

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	44	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	128	49-133				

Method Blank	098-03-006-8,057	N/A	Aqueous	01/18/06	01/18/06	060118B01

Comment(s):-Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	44	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	128	49-133				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
QCTB	06-01-0799-5	01/18/06	Aqueous	01/18/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.26	1		Tert-Butyl Alcohol (TBA)	ND	10	3.9	1	
Ethylbenzene	ND	1.0	0.17	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.35	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.39	1	
Xylenes (total)	ND	1.0	0.21	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.33	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1		Ethanol	ND	100	54	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	115	74-140				1,2-Dichloroethane-d4	117	74-146			
Toluene-d8	103	88-112				1,4-Bromofluorobenzene	83	74-110			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-10-006-16,835	N/A	Aqueous	01/18/06	01/18/06	060118L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.26	1		Tert-Butyl Alcohol (TBA)	ND	10	3.9	1	
Ethylbenzene	ND	1.0	0.17	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.35	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.39	1	
Xylenes (total)	ND	1.0	0.21	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.33	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1		Ethanol	ND	100	54	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	113	74-140				1,2-Dichloroethane-d4	113	74-146			
Toluene-d8	103	88-112				1,4-Bromofluorobenzene	84	74-110			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-1-20	06-01-0799-1	01/18/06	Solid	01/18/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.24	1.3	0.15	1.34	J	Tert-Butyl Alcohol (TBA)	ND	27	6.8	1.34	
Ethylbenzene	1.0	1.3	0.17	1.34	J	Diisopropyl Ether (DIPE)	ND	1.3	0.24	1.34	
Toluene	1.4	1.3	0.27	1.34		Ethyl-t-Butyl Ether (ETBE)	ND	1.3	0.21	1.34	
Xylenes (total)	6.7	1.3	0.20	1.34		Tert-Amyl-Methyl Ether (TAME)	ND	1.3	0.38	1.34	
Methyl-t-Butyl Ether (MTBE)	ND	2.7	0.40	1.34		Ethanol	ND	670	47	1.34	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	122	58-160	
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	103	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-1-30	06-01-0799-2	01/18/06	Solid	01/18/06	01/20/06	060120L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.17	0.98	0.11	0.975	J	Tert-Butyl Alcohol (TBA)	ND	20	5.0	0.975	
Ethylbenzene	ND	0.98	0.12	0.975		Diisopropyl Ether (DIPE)	ND	0.98	0.17	0.975	
Toluene	0.35	0.98	0.20	0.975	J	Ethyl-t-Butyl Ether (ETBE)	ND	0.98	0.15	0.975	
Xylenes (total)	0.18	0.98	0.14	0.975	J	Tert-Amyl-Methyl Ether (TAME)	ND	0.98	0.28	0.975	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.29	0.975		Ethanol	ND	490	34	0.975	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	115	71-137		1,2-Dichloroethane-d4	124	58-160	
1,4-Bromofluorobenzene	95	66-126		Toluene-d8	103	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-1-35	06-01-0799-3	01/18/06	Solid	01/18/06	01/20/06	060120L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	2.3	0.26	2.3		Tert-Butyl Alcohol (TBA)	ND	46	12	2.3	
Ethylbenzene	ND	2.3	0.29	2.3		Diisopropyl Ether (DIPE)	ND	2.3	0.41	2.3	
Toluene	0.88	2.3	0.46	2.3	J	Ethyl-t-Butyl Ether (ETBE)	ND	2.3	0.36	2.3	
Xylenes (total)	ND	2.3	0.34	2.3		Tert-Amyl-Methyl Ether (TAME)	ND	2.3	0.65	2.3	
Methyl-t-Butyl Ether (MTBE)	ND	4.6	0.69	2.3		Ethanol	ND	1200	81	2.3	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	118	71-137		1,2-Dichloroethane-d4	127	58-160	
1,4-Bromofluorobenzene	95	66-126		Toluene-d8	103	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-1-40	06-01-0799-4	01/18/06	Solid	01/18/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.29	0.85	0.098	0.853	J	Tert-Butyl Alcohol (TBA)	5.3	17.0	4.3	0.853	J
Ethylbenzene	ND	0.85	0.11	0.853		Diisopropyl Ether (DIPE)	ND	0.85	0.15	0.853	
Toluene	0.53	0.85	0.17	0.853	J	Ethyl-t-Butyl Ether (ETBE)	ND	0.85	0.13	0.853	
Xylenes (total)	0.21	0.85	0.13	0.853	J	Tert-Amyl-Methyl Ether (TAME)	ND	0.85	0.24	0.853	
Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.26	0.853		Ethanol	ND	430	30	0.853	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	71-137		1,2-Dichloroethane-d4	116	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	103	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-10	06-01-0799-6	01/18/06	Solid	01/18/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.63	2.5	0.29	2.49	J	Tert-Butyl Alcohol (TBA)	ND	50	13	2.49	
Ethylbenzene	0.44	2.5	0.32	2.49	J	Diisopropyl Ether (DIPE)	ND	2.5	0.44	2.49	
Toluene	1.0	2.5	0.50	2.49	J	Ethyl-t-Butyl Ether (ETBE)	ND	2.5	0.39	2.49	
Xylenes (total)	2.4	2.5	0.37	2.49	J	Tert-Amyl-Methyl Ether (TAME)	ND	2.5	0.71	2.49	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.75	2.49		Ethanol	ND	1200	88	2.49	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	115	71-137		1,2-Dichloroethane-d4	121	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	103	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-15	06-01-0799-7	01/18/06	Solid	01/18/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.49	1.7	0.19	1.66	J	Tert-Butyl Alcohol (TBA)	ND	33	8.4	1.66	
Ethylbenzene	ND	1.7	0.21	1.66		Diisopropyl Ether (DIPE)	ND	1.7	0.30	1.66	
Toluene	0.49	1.7	0.34	1.66	J	Ethyl-t-Butyl Ether (ETBE)	ND	1.7	0.26	1.66	
Xylenes (total)	ND	1.7	0.24	1.66		Tert-Amyl-Methyl Ether (TAME)	ND	1.7	0.47	1.66	
Methyl-t-Butyl Ether (MTBE)	ND	3.3	0.50	1.66		Ethanol	ND	830	59	1.66	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	71-137		1,2-Dichloroethane-d4	120	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	103	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-20	06-01-0799-8	01/18/06	Solid	01/18/06	01/20/06	060120L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.75	6.0	0.68	5.95	J	Tert-Butyl Alcohol (TBA)	ND	120	30	5.95	
Ethylbenzene	ND	6.0	0.76	5.95		Diisopropyl Ether (DIPE)	ND	6.0	1.1	5.95	
Toluene	1.6	6.0	1.2	5.95	J	Ethyl-t-Butyl Ether (ETBE)	ND	6.0	0.94	5.95	
Xylenes (total)	ND	6.0	0.88	5.95		Tert-Amyl-Methyl Ether (TAME)	ND	6.0	1.7	5.95	
Methyl-t-Butyl Ether (MTBE)	ND	12	1.8	5.95		Ethanol	ND	3000	210	5.95	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	118	71-137		1,2-Dichloroethane-d4	128	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	103	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-25	06-01-0799-9	01/18/06	Solid	01/18/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	2.1	0.24	2.08		Tert-Butyl Alcohol (TBA)	ND	42	11	2.08	
Ethylbenzene	ND	2.1	0.27	2.08		Diisopropyl Ether (DIPE)	ND	2.1	0.37	2.08	
Toluene	ND	2.1	0.42	2.08		Ethyl-t-Butyl Ether (ETBE)	ND	2.1	0.33	2.08	
Xylenes (total)	ND	2.1	0.31	2.08		Tert-Amyl-Methyl Ether (TAME)	ND	2.1	0.59	2.08	
Methyl-t-Butyl Ether (MTBE)	ND	4.2	0.62	2.08		Ethanol	ND	1000	74	2.08	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	71-137		1,2-Dichloroethane-d4	119	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	102	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-30	06-01-0799-10	01/18/06	Solid	01/18/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.16	1.4	0.16	1.35	J	Tert-Butyl Alcohol (TBA)	ND	27	6.9	1.35	
Ethylbenzene	ND	1.4	0.17	1.35		Diisopropyl Ether (DIPE)	ND	1.4	0.24	1.35	
Toluene	ND	1.4	0.27	1.35		Ethyl-t-Butyl Ether (ETBE)	ND	1.4	0.21	1.35	
Xylenes (total)	ND	1.4	0.20	1.35		Tert-Amyl-Methyl Ether (TAME)	ND	1.4	0.38	1.35	
Methyl-t-Butyl Ether (MTBE)	ND	2.7	0.40	1.35		Ethanol	ND	680	48	1.35	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	71-137		1,2-Dichloroethane-d4	121	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	102	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-4-35	06-01-0799-11	01/18/06	Solid	01/18/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	1.3	0.14	1.25		Tert-Butyl Alcohol (TBA)	ND	25	6.4	1.25	
Ethylbenzene	ND	1.3	0.16	1.25		Diisopropyl Ether (DIPE)	ND	1.3	0.22	1.25	
Toluene	ND	1.3	0.25	1.25		Ethyl-t-Butyl Ether (ETBE)	ND	1.3	0.20	1.25	
Xylenes (total)	ND	1.3	0.18	1.25		Tert-Amyl-Methyl Ether (TAME)	ND	1.3	0.36	1.25	
Methyl-t-Butyl Ether (MTBE)	ND	2.5	0.37	1.25		Ethanol	ND	630	44	1.25	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	113	71-137				1,2-Dichloroethane-d4	118	58-160			
1,4-Bromofluorobenzene	97	66-126				Toluene-d8	102	87-111			

Method Blank	095-01-025-12,644	N/A	Solid	01/19/06	01/19/06	060119L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	1.0	0.11	1		Tert-Butyl Alcohol (TBA)	ND	20	5.1	1	
Ethylbenzene	ND	1.0	0.13	1		Diisopropyl Ether (DIPE)	ND	1.0	0.18	1	
Toluene	ND	1.0	0.20	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	0.16	1	
Xylenes (total)	ND	1.0	0.15	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	0.28	1	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.30	1		Ethanol	ND	500	35	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	107	71-137				1,2-Dichloroethane-d4	108	58-160			
1,4-Bromofluorobenzene	97	66-126				Toluene-d8	102	87-111			

Method Blank	095-01-025-12,651	N/A	Solid	01/20/06	01/20/06	060120L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	1.0	0.11	1		Tert-Butyl Alcohol (TBA)	ND	20	5.1	1	
Ethylbenzene	ND	1.0	0.13	1		Diisopropyl Ether (DIPE)	ND	1.0	0.18	1	
Toluene	ND	1.0	0.20	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	0.16	1	
Xylenes (total)	ND	1.0	0.15	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	0.28	1	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.30	1		Ethanol	ND	500	35	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	113	71-137				1,2-Dichloroethane-d4	115	58-160			
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	103	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 3550B
Method: DHS LUFT

Project Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-1-30	Solid	GC 2	01/19/06	01/19/06	060119S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	81	85	71-125	5	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5030B
Method: DHS LUFT

Project Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-01-0793-2	Aqueous	GC 18	01/18/06	01/18/06	060118S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	105	104	70-112	1	0-17	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/18/06
Work Order No: 06-01-0799
Preparation: EPA 5030B
Method: EPA 8260B

Project Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-01-0756-1	Aqueous	GC/MS O	01/18/06	01/18/06	060118S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	104	88-118	0	0-7	
Carbon Tetrachloride	104	104	67-145	0	0-11	
Chlorobenzene	103	105	88-118	2	0-7	
1,2-Dichlorobenzene	103	104	86-116	1	0-8	
1,1-Dichloroethene	78	92	70-130	17	0-25	
Toluene	112	112	87-123	1	0-8	
Trichloroethene	101	101	79-127	0	0-10	
Vinyl Chloride	102	104	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	99	97	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	93	93	36-168	1	0-45	
Diisopropyl Ether (DIPE)	104	102	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	94	95	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	98	99	72-126	1	0-12	
Ethanol	110	106	53-149	4	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
1220 Avenida Acaso		Work Order No:	06-01-0799
Camarillo, CA 93012-8738		Preparation:	EPA 3550B
		Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-002-5,146	Solid	GC 2	01/19/06	01/19/06	060119B04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	78	80	71-119	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
1220 Avenida Acaso		Work Order No:	06-01-0799
Camarillo, CA 93012-8738		Preparation:	EPA 5035
		Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,608	Solid	GC 22	01/19/06	01/19/06	060119B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	99	97	70-130	2	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
1220 Avenida Acaso	Work Order No:	06-01-0799
Camarillo, CA 93012-8738	Preparation:	EPA 5030B
	Method:	DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-006-8,057	Aqueous	GC 18	01/18/06	01/18/06	060118B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	112	114	72-114	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	N/A
1220 Avenida Acaso	Work Order No:	06-01-0799
Camarillo, CA 93012-8738	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-16,835	Aqueous	GC/MS O	01/18/06	01/18/06	060118L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	99	84-120	2	0-8	
Carbon Tetrachloride	101	99	63-147	3	0-10	
Chlorobenzene	104	100	89-119	4	0-7	
1,2-Dichlorobenzene	103	103	89-119	1	0-9	
1,1-Dichloroethene	116	112	77-125	4	0-16	
Toluene	110	108	83-125	2	0-9	
Trichloroethene	102	100	89-119	2	0-8	
Vinyl Chloride	103	97	63-135	5	0-13	
Methyl-t-Butyl Ether (MTBE)	104	102	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	90	93	46-154	4	0-32	
Dilsopropyl Ether (DIPE)	104	102	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	100	98	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	105	76-124	0	0-10	
Ethanol	113	110	60-138	2	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	N/A
1220 Avenida Acaso		Work Order No:	06-01-0799
Camarillo, CA 93012-8738		Preparation:	EPA 5035
		Method:	EPA 8260B

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,644	Solid	GC/MS Q	01/19/06	01/19/06	060119L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	97	85-115	4	0-11	
Carbon Tetrachloride	80	77	68-134	4	0-14	
Chlorobenzene	100	97	83-119	3	0-9	
1,2-Dichlorobenzene	101	98	57-135	4	0-10	
1,1-Dichloroethene	93	88	72-120	5	0-10	
Toluene	106	102	67-127	5	0-10	
Trichloroethene	105	101	88-112	4	0-9	
Vinyl Chloride	97	92	57-129	5	0-16	
Methyl-t-Butyl Ether (MTBE)	90	87	76-124	4	0-12	
Tert-Butyl Alcohol (TBA)	77	74	31-145	4	0-23	
Diisopropyl Ether (DIPE)	95	92	74-128	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	86	83	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	96	92	81-123	4	0-10	
Ethanol	98	97	44-152	1	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0799
Preparation: EPA 5035
Method: EPA 8260B

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,651	Solid	GC/MS Q	01/20/06	01/20/06	060120L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	108	85-115	4	0-11	
Carbon Tetrachloride	88	90	68-134	2	0-14	
Chlorobenzene	99	101	83-119	2	0-9	
1,2-Dichlorobenzene	97	100	57-135	3	0-10	
1,1-Dichloroethene	102	105	72-120	4	0-10	
Toluene	106	111	67-127	4	0-10	
Trichloroethene	106	111	88-112	4	0-9	
Vinyl Chloride	109	112	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	92	96	76-124	4	0-12	
Tert-Butyl Alcohol (TBA)	76	80	31-145	5	0-23	
Diisopropyl Ether (DIPE)	96	99	74-128	4	0-10	
Ethyl-t-Butyl Ether (ETBE)	87	91	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	93	98	81-123	5	0-10	
Ethanol	101	107	44-152	6	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-01-0799

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

(0799)

ENSR INTERNATIONAL
ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: CALSCIENCE

SITE IRWINDALE DATE 1/18/06 PAGE 1 OF 2

CLIENT: TARRALTY
PROJECT NAME: IRWINDALE
PROJECT MANAGER: BOB BACA
JOB #: 06489-085-003
COELT LOG CODE: YES / NO [E] [N] [S] [C]
SAMPLER SIGNATURE: [signature]

ANALYTICAL METHODS

TURN-AROUND TIME: STANDARD

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	SB-1-20	1/18	0800		X	X			S	G/O	7	
2.	SB-1-30	↓	0820		↓	↓			↓	↓	↓	
3.	SB-1-35	↓	0830		↓	↓			↓	↓	↓	
4.	SB-1-40	↓	0840		↓	↓			↓	↓	↓	
5.	QCTB	1/18	0630		↓	↓			W	G	2	
6.	SB-4-10	↓	1118		↓	↓			S	G/O	7	
7.	SB-4-15	↓	1126		↓	↓			↓	↓	↓	
8.	SB-4-20	↓	1134		↓	↓			↓	↓	↓	
9.	SB-4-25	↓	1145		↓	↓			↓	↓	↓	
10.	SB-4-30	↓	1154		↓	↓			↓	↓	↓	

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: YES / NO

RELINQUISHED BY:	SIGNATURE		DATE	TIME	TOTAL NUMBER OF CONTAINERS: 72
McHOUL PAGANO	[signature]	ENSR International	1/18	1210	
RECEIVED BY: William Batin	SIGNATURE: WBatin	COMPANY: CEL	DATE: 1-18-06	TIME: 1210	METHOD OF SHIPMENT
RELINQUISHED BY: William Batin	SIGNATURE: WBatin	COMPANY: CEL	DATE: 1-18-06	TIME: 1310	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: Shen Fama	SIGNATURE: Shen Fama	COMPANY: CEL	DATE: 1-18-06	TIME: 1310	

DIS[redacted]UTIO[redacted]hite [redacted]anar[redacted]bora[redacted] [redacted]k = E[redacted]nter[redacted]al

Serial No 5578

ENSR INTERNATIONAL

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: CALSCIENCE

0799

SITE: IRWINDALE DATE: 1/18/06 PAGE 2 OF 2

CLIENT: TA REALTY

PROJECT NAME: IRWINDALE

PROJECT MANAGER: BOB BACA

JOB #: 06489-085-003

COELT LOG CODE: (YES) / NO E N S C

SAMPLER SIGNATURE:

LINE ITEM	SAMPLE NO.	DATE	TIME
1.	SB-4-35	1/18	1204
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

ANALYTICAL METHODS

8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
					S	G/O	7

TURN-AROUND TIME: STANDARD

OBSERVATIONS/ COMMENTS

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER ☐ YES ☐ NO

RELINQUISHED BY:	SIGNATURE: NICHOLAS AGANO	ENSR International	DATE: 1/18/06	TIME: 1210	TOTAL NUMBER OF CONTAINERS: 72
RECEIVED BY: WILLIAM BATIN	SIGNATURE:	COMPANY:	DATE: 1-18-06	TIME: 1210	METHOD OF SHIPMENT
RELINQUISHED BY: WILLIAM BATIN	SIGNATURE:	COMPANY:	DATE: 1-18-06	TIME: 1310	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: Shentama	SIGNATURE: Shentama	COMPANY:	DATE: 1.18.06	TIME: 1315	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5576

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 01 - 0799

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ENSR DATE: 1-18-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- / Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.

3.9 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): /

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	/		
Sample container label(s) consistent with custody papers	/		
Sample container(s) intact and good condition	/		
Correct containers for analyses requested	/		
Proper preservation noted on sample label(s)	/		
VOA vial(s) free of headspace.	/		
Tedlar bag(s) free of condensation			/

Initial: WB

COMMENTS:

Soil samples are in terra core vials (kit)

Calscience
Environmental
Laboratories, Inc.

January 27, 2006

Bob Baca
ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Subject: Calscience Work Order No.: 06-01-0973
Client Reference: Irwindale: 06489-085-003

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/20/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile de Guia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/20/06
Work Order No: 06-01-0973
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-20	06-01-0973-1	01/19/06	Solid	01/23/06	01/23/06	060123B02

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	85	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	101	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-25	06-01-0973-2	01/19/06	Solid	01/23/06	01/23/06	060123B02

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	13	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	103	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-30	06-01-0973-3	01/19/06	Solid	01/23/06	01/23/06	060123B02

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	6.2	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	102	62-152				

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-35	06-01-0973-4	01/19/06	Solid	01/23/06	01/23/06	060123B02

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	11	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	99	62-152				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/20/06
Work Order No: 06-01-0973
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-40	06-01-0973-5	01/19/06	Solid	01/23/06	01/23/06	060123B02

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	13	5	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	99	62-152				

Method Blank	098-03-002-5,149	N/A	Solid	01/23/06	01/23/06	060123B02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Diesel	ND	5.0	4.8	1		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
Decachlorobiphenyl	105	62-152				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/20/06
Work Order No: 06-01-0973
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-20	06-01-0973-1	01/19/06	Solid	01/19/06	01/24/06	060124B01

Comment(s): Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.47	0.12	1.89		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	81	70-130				

SB-2-25	06-01-0973-2	01/19/06	Solid	01/19/06	01/24/06	060124B01

Comment(s): Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.31	0.074	1.22		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	81	70-130				

SB-2-30	06-01-0973-3	01/19/06	Solid	01/19/06	01/24/06	060124B01

Comment(s): Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.13	0.35	0.085	1.4	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	84	70-130				

SB-2-35	06-01-0973-4	01/19/06	Solid	01/19/06	01/24/06	060124B01

Comment(s): Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "U" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.15	0.54	0.13	2.16	J	mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	83	70-130				

SB-2-40	06-01-0973-5	01/19/06	Solid	01/19/06	01/24/06	060124B01

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	0.45	0.24	0.059	0.963		mg/kg
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	82	70-130				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/20/06
Work Order No: 06-01-0973
Preparation: EPA 5035
Method: DHS LUFT

Project: Lewindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-009-4,613	N/A	Solid	01/24/06	01/24/06	060124B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	0.25	0.061	1		mg/kg
Surrogates:	**REC (%)**	**Control Limits**			**Qual**	
1,4-Bromofluorobenzene	79	70-130				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	01/20/06
1220 Avenida Acaso		Work Order No:	06-01-0973
Camarillo, CA 93012-8738		Preparation:	EPA 5030B
		Method:	DHS LUFT

Project: Irwindale: 06489-085-003 Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
QCTB	06-01-0973-6	01/19/06	Aqueous	01/23/06	01/24/06	060123B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	44	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	91	49-133				

Method Blank	098-03-006-8,074	N/A	Aqueous	01/23/06	01/23/06	060123B01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
TPH as Gasoline	ND	50	44	1		ug/L
Surrogates:	REC (%)	Control Limits			Qual	
1,4-Bromofluorobenzene	89	49-133				

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/20/06
Work Order No: 06-01-0973
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
QCTB	06-01-0973-6	01/19/06	Aqueous	01/23/06	01/23/06	060123L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.500	0.26	1		Tert-Butyl Alcohol (TBA)	9.4	10.0	3.9	1	J
Ethylbenzene	ND	1.0	0.17	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.35	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.39	1	
Xylenes (total)	ND	1.0	0.21	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.33	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1		Ethanol	ND	100	54	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	121	74-140		1,2-Dichloroethane-d4	121	74-146	
Toluene-d8	94	88-112		1,4-Bromofluorobenzene	79	74-110	

Method Blank	099-10-006-16,876	N/A	Aqueous	01/23/06	01/23/06	060123L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.500	0.26	1		Tert-Butyl Alcohol (TBA)	ND	10	3.9	1	
Ethylbenzene	ND	1.0	0.17	1		Diisopropyl Ether (DIPE)	ND	2.0	0.33	1	
Toluene	ND	1.0	0.35	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.39	1	
Xylenes (total)	ND	1.0	0.21	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.33	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1		Ethanol	ND	100	54	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	117	74-140		1,2-Dichloroethane-d4	121	74-146	
Toluene-d8	92	88-112		1,4-Bromofluorobenzene	81	74-110	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/20/06
Work Order No: 06-01-0973
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Linwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-20	06-01-0973-1	01/19/06	Solid	01/19/06	01/23/06	060123L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.29	1.8	0.21	1.81	J	Tert-Butyl Alcohol (TBA)	13	36	9.2	1.81	J
Ethylbenzene	ND	1.8	0.23	1.81		Diisopropyl Ether (DIPE)	ND	1.8	0.32	1.81	
Toluene	0.58	1.8	0.37	1.81	J	Ethyl-t-Butyl Ether (ETBE)	ND	1.8	0.29	1.81	
Xylenes (total)	0.54	1.8	0.27	1.81	J	Tert-Amyl-Methyl Ether (TAME)	ND	1.8	0.51	1.81	
Methyl-t-Butyl Ether (MTBE)	ND	3.6	0.54	1.81		Ethanol	ND	910	64	1.81	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	115	58-160	
1,4-Bromofluorobenzene	93	66-126		Toluene-d8	100	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-25	06-01-0973-2	01/19/06	Solid	01/19/06	01/23/06	060123L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.28	1.6	0.19	1.64	J	Tert-Butyl Alcohol (TBA)	ND	33	8.3	1.64	
Ethylbenzene	ND	1.6	0.21	1.64		Diisopropyl Ether (DIPE)	ND	1.6	0.29	1.64	
Toluene	0.74	1.6	0.33	1.64	J	Ethyl-t-Butyl Ether (ETBE)	ND	1.6	0.26	1.64	
Xylenes (total)	0.42	1.6	0.24	1.64	J	Tert-Amyl-Methyl Ether (TAME)	ND	1.6	0.47	1.64	
Methyl-t-Butyl Ether (MTBE)	ND	3.3	0.49	1.64		Ethanol	ND	820	58	1.64	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	71-137		1,2-Dichloroethane-d4	116	58-160	
1,4-Bromofluorobenzene	95	66-126		Toluene-d8	101	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-30	06-01-0973-3	01/19/06	Solid	01/19/06	01/23/06	060123L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.27	1.2	0.13	1.16	J	Tert-Butyl Alcohol (TBA)	ND	23	5.9	1.16	
Ethylbenzene	ND	1.2	0.15	1.16		Diisopropyl Ether (DIPE)	ND	1.2	0.21	1.16	
Toluene	0.34	1.2	0.23	1.16	J	Ethyl-t-Butyl Ether (ETBE)	ND	1.2	0.18	1.16	
Xylenes (total)	0.35	1.2	0.17	1.16	J	Tert-Amyl-Methyl Ether (TAME)	ND	1.2	0.33	1.16	
Methyl-t-Butyl Ether (MTBE)	ND	2.3	0.35	1.16		Ethanol	ND	580	41	1.16	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	113	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/20/06
Work Order No: 06-01-0973
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: Irwindale: 06489-085-003

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-35	06-01-0973-4	01/19/06	Solid	01/19/06	01/23/06	060123L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	1.4	2.4	0.27	2.35	J	Tert-Butyl Alcohol (TBA)	47	47	12	2.35	J
Ethylbenzene	0.84	2.4	0.30	2.35	J	Diisopropyl Ether (DIPE)	ND	2.4	0.42	2.35	
Toluene	2.3	2.4	0.47	2.35	J	Ethyl-t-Butyl Ether (ETBE)	ND	2.4	0.37	2.35	
Xylenes (total)	1.8	2.4	0.35	2.35	J	Tert-Amyl Methyl Ether (TAME)	ND	2.4	0.67	2.35	
Methyl-t-Butyl Ether (MTBE)	ND	4.7	0.70	2.35		Ethanol	ND	1200	83	2.35	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	115	71-137		1,2-Dichloroethane-d4	128	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	100	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SB-2-40	06-01-0973-5	01/19/06	Solid	01/19/06	01/23/06	060123L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.46	1.1	0.12	1.05	J	Tert-Butyl Alcohol (TBA)	11	21	5.3	1.05	J
Ethylbenzene	0.16	1.1	0.13	1.05	J	Diisopropyl Ether (DIPE)	ND	1.1	0.19	1.05	
Toluene	0.50	1.1	0.21	1.05	J	Ethyl-t-Butyl Ether (ETBE)	ND	1.1	0.17	1.05	
Xylenes (total)	0.28	1.1	0.15	1.05	J	Tert-Amyl Methyl Ether (TAME)	ND	1.1	0.30	1.05	
Methyl-t-Butyl Ether (MTBE)	ND	2.1	0.31	1.05		Ethanol	ND	530	37	1.05	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	119	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	101	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	095-01-025-12,658	N/A	Solid	01/23/06	01/23/06	060123L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	1.0	0.11	1		Tert-Butyl Alcohol (TBA)	ND	20	5.1	1	
Ethylbenzene	ND	1.0	0.13	1		Diisopropyl Ether (DIPE)	ND	1.0	0.18	1	
Toluene	ND	1.0	0.20	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	0.16	1	
Xylenes (total)	ND	1.0	0.15	1		Tert-Amyl Methyl Ether (TAME)	ND	1.0	0.28	1	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.30	1		Ethanol	ND	500	35	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	71-137		1,2-Dichloroethane-d4	114	58-160	
1,4-Bromofluorobenzene	94	66-126		Toluene-d8	101	87-111	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International		Date Received:	01/20/06
1220 Avenida Acaso		Work Order No:	06-01-0973
Camarillo, CA 93012-8738		Preparation:	EPA 3550B
		Method:	DHS LUFT

Project Lawndale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-01-0990-2	Solid	GC 23	01/23/06	01/23/06	060123S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	103	108	71-125	5	0-12	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International	Date Received:	01/20/06
1220 Avenida Acaso	Work Order No:	06-01-0973
Camarillo, CA 93012-8738	Preparation:	EPA 5030B
	Method:	DHS LUFT

Project Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-01-0942-11	Aqueous	GC 22	01/23/06	01/23/06	060123S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	99	98	70-112	1	0-17	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: 01/20/06
Work Order No: 06-01-0973
Preparation: EPA 5030B
Method: EPA 8260B

Project Lewindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-01-1030-7	Aqueous	GC/MS X	01/23/06	01/23/06	060123S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	100	88-118	7	0-7	
Carbon Tetrachloride	82	94	67-145	14	0-11	4
Chlorobenzene	93	101	88-118	8	0-7	4
1,2-Dichlorobenzene	95	103	86-116	9	0-8	4
1,1-Dichloroethene	101	108	70-130	7	0-25	
Toluene	90	97	87-123	7	0-8	
Trichloroethene	93	101	79-127	8	0-10	
Vinyl Chloride	95	102	69-129	7	0-13	
Methyl-t-Butyl Ether (MTBE)	95	88	71-131	7	0-13	
Tert-Butyl Alcohol (TBA)	108	88	36-168	21	0-45	
Diisopropyl Ether (DIPE)	90	97	81-123	7	0-9	
Ethyl-t-Butyl Ether (ETBE)	86	93	72-126	8	0-12	
Tert-Amyl-Methyl Ether (TAME)	94	103	72-126	9	0-12	
Ethanol	119	123	53-149	3	0-31	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0973
Preparation: EPA 3550B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-002-5,149	Solid	GC 23	01/23/06	01/23/06	060123B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	93	99	71-119	7	0-20	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0973
Preparation: EPA 5035
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,613	Solid	GC 25	01/24/06	01/24/06	060124B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	101	102	70-130	1	0-25	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0973
Preparation: EPA 5030B
Method: DHS LUFT

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-006-8,074	Aqueous	GC 22	01/23/06	01/23/06	060123B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	102	99	72-114	3	0-10	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0973
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lewindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-16,876	Aqueous	GC/MS X	01/23/06	01/23/06	060123L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	95	84-120	0	0-8	
Carbon Tetrachloride	90	91	63-147	1	0-10	
Chlorobenzene	98	97	89-119	1	0-7	
1,2-Dichlorobenzene	100	101	89-119	1	0-9	
1,1-Dichloroethene	105	103	77-125	2	0-16	
Toluene	91	91	83-125	0	0-9	
Trichloroethene	94	95	89-119	1	0-8	
Vinyl Chloride	96	97	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	88	88	82-118	0	0-13	
Tert-Butyl Alcohol (TBA)	80	74	46-154	8	0-32	
Diisopropyl Ether (DIPE)	96	96	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	94	96	74-122	1	0-12	
Tert-Amyl Methyl Ether (TAME)	100	102	76-124	2	0-10	
Ethanol	111	110	60-138	1	0-32	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control-LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738

Date Received: N/A
Work Order No: 06-01-0973
Preparation: EPA 5035
Method: EPA 8260B

Project: Irwindale: 06489-085-003

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-12,658	Solid	GCMSW	01/23/06	01/23/06	060123L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	96	85-115	3	0-11	
Carbon Tetrachloride	127	130	68-134	3	0-14	
Chlorobenzene	92	93	83-119	1	0-9	
1,2-Dichlorobenzene	94	92	57-135	2	0-10	
1,1-Dichloroethene	105	107	72-120	2	0-10	
Toluene	93	95	67-127	2	0-10	
Trichloroethene	95	99	88-112	3	0-9	
Vinyl Chloride	101	104	57-129	3	0-16	
Methyl-t-Butyl Ether (MTBE)	93	90	76-124	3	0-12	
Tert-Butyl Alcohol (TBA)	118	112	31-145	5	0-23	
Diisopropyl Ether (DIPE)	102	103	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	104	106	77-125	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	102	100	81-123	2	0-10	
Ethanol	129	124	44-152	5	0-24	

RPD - Relative Percent Difference, CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

ACCREDITED IN ACCORDANCE WITH nelac

Work Order Number: 06-01-0973

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Non target Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: CALSCIENCE

0973

SITE: IRWINDALE DATE: 1/19/05 PAGE 1 OF 1

CLIENT: TARGET

PROJECT NAME: IRWINDALE

PROJECT MANAGER: BOB BACA

JOB #: 06489-085-003

COELT LOG CODE: YES / NO E N S R

SAMPLER SIGNATURE:

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
1.	SB-2-20	1/19			X	X			S	6/0	17
2.	SB-2-25	↓			↓	↓			↓	↓	↓
3.	SB-2-30										
4.	SB-2-35										
5.	SB-2-40										
6.	QCTB								W	G	2
7.											
8.											
9.											
10.											

TURN-AROUND TIME: STANDARD

OBSERVATIONS/ COMMENTS

MATRIX TYPE: S - Soil, W - Water, O - Other

CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES: All samples are preserved on ice. Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: ☐ YES ☐ NO

	SIGNATURE	COMPANY	DATE	TIME
RELINQUISHED BY:	NICHOLAS FAGANO	ENSR International	1/20/06	1105
RECEIVED BY: TUAN HUYNH		TEL	1/20/6	1105
RELINQUISHED BY: Tuan Huynh		TEL	1/20/6	1710
RECEIVED BY: Fontana		CR	1-20-06	1710

TOTAL NUMBER OF CONTAINERS: 37

METHOD OF SHIPMENT:

SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5577

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 01 - 0973

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ENSR DATE: 01/20/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.
- 3.4 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: TM

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: TM

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: TM

COMMENTS:

Appendix D

Investigative-Derived Waste Disposal Manifests

PHILIP SERVICES CORP.

715758 No. 031953

NON-HAZARDOUS WASTE DATA FORM

ENSR

TO BE COMPLETED BY GENERATOR

NAME: FORMER FAMILY HUGHES MARKET * P.O.#

ADDRESS: 5305 RIVERGRADE ROAD EPA I.D. NO.: N/A

CITY, STATE, ZIP: IRWINDALE, CA 91706-1347 PHONE NO.: 805-388-3775 EXT. 205

CONTAINERS: No. 21 Drums VOLUME WEIGHT

TYPE: ☐ TANK TRUCK ☑ DUMP TRUCKS ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: NON HAZARDOUS SOLID GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. SOIL		100%	5.		
2.			6.		
3.			7.		
4.			8.		

PROPERTIES: pH ____ ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

Wear proper personal protective gear when handling material.

HANDLING INSTRUCTIONS: 24 HR. EMERGENCY RESPONSE # (800-567-7455)

THIS GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

Scott Overton 2-9-06

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: PHILIP WEST INDUSTRIAL SERVICES, INC. EPA I.D. NO.: CAR000146837

ADDRESS: 1661 E. 32ND STREET JOB NO.

CITY, STATE, ZIP: LONG BEACH, CA 90807 PICK UP DATE

PHONE NO.: 562 997-6000

TRUCK, UNIT, I.D. NO.

ROBERT RAMOS 2-9-06

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: CROSBY & OVERTON EPA I.D. NO.: CAD028409019

ADDRESS: 1630 W. 17TH STREET DISPOSAL METHOD

CITY, STATE, ZIP: LONG BEACH, CA 90813 ☐ LANDFILL ☐ OTHER Profile # 17936

PHONE NO.: 562 432-5445 P.O.# 16003386

JOSE R. SAENZ 2/9/06

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/Q		RT/CO	HWDF NONE	DISCREPANCY

PHILIP SERVICES CORP.

No. 031954

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME: FORMER FAMILY HUGHES MARKET

P.O.#

ADDRESS: 5305 RIVERGRADE ROAD

EPA I.D. NO.: N/A

CITY, STATE, ZIP: IRWINDALE, CA 91706-1347

PHONE NO.: 805-388-3775 EXT. 205

CONTAINERS: No. 1 DRUM VOLUME WEIGHT

TYPE: ☐ TANK TRUCK ☐ DUMP TRUCKS ☐ DRUMS ☐ CARTONS ☐ OTHER

NON HAZARDOUS LIQUID

WASTE DESCRIPTION: GENERATING PROCESS:

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. DECON WATER		100%	5.		
2. Drilling Water	36	ppm	6.		
3.			7.		
4.			8.		

PROPERTIES: pH ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: Wear proper personal protective gear when handling material. 24 HR. EMERGENCY RESPONSE # (800-567-7455)

THIS GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

Scott Simon — DATE

TYPED OR PRINTED FULL NAME & SIGNATURE

TRANSPORTER

NAME: PHILIP WEST INDUSTRIAL SERVICES, INC.

EPA I.D. NO.: CAR000146837

ADDRESS: 1661 E. 32ND STREET

JOB NO.:

CITY, STATE, ZIP: LONG BEACH, CA 90807

PICK UP DATE:

PHONE NO.: 562 997-6000

TRUCK, UNIT, I.D. NO.

ROBERT RAMOS — 2-9-06

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: CROSBY & OVERTON

EPA I.D. NO.: CAD028409019

ADDRESS: 1630 W. 17TH STREET

DISPOSAL METHOD

☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP: LONG BEACH, CA 90813

Profile # 18035

PHONE NO.: 562 432-5445

P.O.# 16003386

JOSE R. SAENZ — 2/9/06

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/Q		RT/CD	HW/DF NONE	DISCREPANCY

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March 31, 2006

Ms. Abigail Flores
Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RE: Former Hughes Family Market at 5305 Rivergrade Road, Irwindale, California (File No. 15636-38592)

Dear Ms. Flores:

Please find attached the Site Assessment Report for the subject site for your review. The work was performed in accordance with the LADPW correspondence dated December 21, 2005. If you have any questions, please do not hesitate to contact either of the undersigned at (805) 388-3775.

Sincerely yours,

Bob Baca
Project Manager

Enclosure: Site Assessment Report

15636 - 38592
CLOR
C 39 7904

URS

PROJECT REPORT
UST REMOVAL
FORMER HUGHES FAMILY MARKET
5305 RIVERGRADE ROAD
IRWINDALE, CALIFORNIA
FOR THE REALTY ASSOCIATED FUND V, L.P.

URS PROJECT NO. 29868258

NOVEMBER 3, 2003

EPD 702

URS

November 6, 2003

Mr. Ronnie Iyer
County of Los Angeles
Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RE: Project Report: Underground Storage Tank Removal
5305 Rivergrade Road
Irwindale, CA 91706
DPW Permit Application No. 373090
CUPA No. W819505
For The Realty Associated Fund V, L.P.

Dear Mr. Iyer:

Please find enclosed one copy the Underground Storage Tank Removal Report for the above referenced site. The project reports have been submitted for your review on behalf of The Realty Associated Fund V, L.P. Please contact me at (714) 433-7622 if you have any questions or require additional information.

Sincerely,
URS Corporation

S Tariq Hussain
Project Manager

cc: Mr. Scott Amling, TA Realty
Mr. Emil Wohl, Wohl Properties
County of Los Angeles Fire Department
Regional Water Quality Control Board, Los Angeles Region

URS Corporation
2020 East First Street, Suite 400
Santa Ana, CA 92705
Tel: 714.835.6886
Fax: 714.667.7147

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Executive Summary

The former Hughes Family Markets distribution center and warehouse located at 5305 Rivergrade Road in the City of Irwindale, California, operated a gas station to serve the requirements of company vehicles. Hughes Family Markets was sold to the Ralph's Grocery chain and the assets of Hughes Family Markets integrated into the Ralph's system. The warehouse located at Rivergrade Road was surplus to Ralph's operations and was sold to The Realty Associates Fund V, L.P. (owners). The owners did not need an operational Gas station on their property for their current needs and to comply with State and County regulations a decision was made to remove the three Underground Storage Tanks (UST) and related piping and apply for regulatory closure.

Three 12,000-gallon USTs were removed from the 5305 Rivergrade location (Site) under a permit from the County of Los Angeles Department of Public Works, Environmental Programs Division (LADPW) on July 23, 2003. Two of the three USTs removed were used to store diesel fuel and one was used to store unleaded gasoline. The USTs were "double-walled Plasteel with appropriate alarms, spill containment, and overflow protection devises installed to ensure against spills and leaks from the operating systems. These USTs were reportedly installed in 1992 and were last used in 1997-1998.

All operations related to the removal of the USTs were conducted in the presence of the inspector from LADPW. The USTs were not damaged or otherwise compromised and there were no signs of leakage from the USTs. In addition the soil removed from the excavation did not show any discoloration or significant odor. Groundwater was not encountered in any of the excavations. Based on data from surrounding areas the depth to groundwater beneath the site is estimated to be approximately 200 feet below ground surface.

Per the requirements of the UST closure permit, soil samples were obtained from beneath the removed USTs, product piping, and fuel dispensers using an excavator and/or backhoe. Six samples and one duplicate sample were collected underneath the former USTs at a depth of 17 feet below ground surface (bgs). Ten samples and one duplicate sample were collected from beneath the former fuel dispensers at 4 feet bgs with the exception of the sample taken beneath the satellite fuel dispenser #1, which was taken at 3 feet bgs. Three samples were collected from selected locations beneath removed product piping at depths of 3 to 5½ feet bgs. In addition the soil removed from the UST excavation was staged on the surface. To check the quality of the excavated material two composite samples were taken from the excavated soil stockpile. All soil samples were analyzed for volatile organic compounds (VOCs) and were collected with Encore™ samplers in accordance with the current EPA method 5035 protocol required by the Regional Water Quality Control Board, Los Angeles Region (RWQCB).

The soil samples were analyzed in a fixed laboratory for total petroleum hydrocarbons as gasoline (TPHg) and diesel fuel (TPHd), by EPA Method 8015M, and for volatile fuel constituents benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates Methyl tert-Butyl Ether (MTBE), Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME) and tert-Butanol (TBA) by EPA Method 8260B.

BTEX, DIPE, ETBE, TAME, and TBA, were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from dispenser 5 which contained 0.003 mg/kg of toluene. MTBE was detected in soil samples at concentrations ranging from 0.014 to 0.071 mg/kg at locations under dispenser 5 and the tank 1 excavation respectively. TPHg was detected in three soil samples at concentrations ranging from 1 mg/kg to 305 mg/kg. TPHd was detected in six soil samples at concentrations ranging from 10 mg/kg to 6,340 mg/kg.

Following a review of the laboratory data, it was decided to excavate the areas showing signs of petroleum hydrocarbon impacts to reduce the chances of soil remediation in the future. The next round of excavation for impacted soil was conducted on August 27, 2003 in the area of fuel dispensers 1 and 2, satellite fuel dispensers 2 and 3, and UST T2. The objective of this operation was to remove accessible soil affected with petroleum hydrocarbons prior to backfilling and repaving the former UST and fuel dispensing area. Soil was removed to a depth of several feet below the previous soil sampling locations. Specifically the soil beneath fuel dispensers 1 and 2 was removed to a depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 2 was removed to depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 3 was removed to a depth of approximately 8 feet bgs. Soil beneath removed UST T2 was removed to a depth of approximately 21 feet bgs. Following this round of excavation soil samples were taken from the bottom and sides of the excavation to verify soil conditions. All soil sampling were conducted per RWQCB protocols.

A review of laboratory analytical results for soil samples collected August 27, 2003 indicated further excavation was required in selected areas. This led to additional several feet of soil being removed from the areas of fuel dispenser 1 and fuel dispenser 2 on September 28, 2003. Additional soil was removed from the bottom of the excavation to a depth of approximately 11 feet bgs. Following this round of excavation soil samples were taken from the excavation areas to confirm that impacted soil was removed from the area. Five samples were collected in the vicinity of the former UST tank number 2. Sixteen samples were collected from beneath the former fuel dispensers at various depths. Three samples were taken from the excavated soil stockpile for disposal characterization.

Approximately 47 tons of petroleum hydrocarbon affected soil excavated from the areas of the UST T2 and fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 was transported to Thermal Remediation Solutions in Azusa, California for disposal/recycling.

Confirmatory sampling provided the following results: BTEX and MTBE were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from beneath UST T2 which contained 0.021 mg/kg of MTBE. However, this sample was re-analyzed for MTBE by EPA method 8260B and the MTBE detection was not confirmed and therefore is not considered valid. TPHg was detected in one soil sample collected beneath fuel dispensers 1 and 2 at concentration of 2.3 mg/kg. TPHd was detected in soil samples at concentrations ranging from 11 mg/kg to 481 mg/kg. It should be noted that additional soil was excavated in the area of the 481 mg/kg detection, and a second confirmation sample collected from this location yielded a non-detect concentration of TPHd.

Confirmation samples collected from the excavations indicate the residual concentrations of TPHd remaining in soil do not exceed 15 mg/kg. Residual concentrations of toluene remaining in soil do not

exceed 0.003 mg/kg. Residual concentrations of MTBE remaining in soil do not exceed 0.071 mg/kg. During the field work it was decided that the residual concentrations were not high enough to warrant further excavation, especially when the excavation was caving in and undermining the concrete slab adjacent to the excavation.

The residual concentrations of toluene detected in soil are below USEPA Preliminary Remediation Goals (PRGs). There are no published PRGs for TPH. However, the residual concentrations of TPHd remaining in soil are several orders of magnitude below the Maximum Soil Screening Levels for Soils Above Drinking Water Aquifers provided in the *Interim Site Assessment and Cleanup Guidebook* (RWQCB, 1996). The published soil screening levels for TPH have since been rescinded but are still observed by multiple oversight agencies.

Because of its potential effects on groundwater quality, MTBE was further evaluated. The residual concentrations of MTBE detected in soil are below USEPA PRGs and above California Drinking Water Maximum Contaminant Levels (MCLs), *if these concentrations were found dissolved in water*. Based on field observations, the MTBE detections were rapidly decreasing with depth and the residual concentrations left is place are likely below detectable concentrations well before 50 feet bgs. If the distance to groundwater is greater than 150 feet from the last MTBE detection, an average attenuation factor (AF) of 19 can be used based on Site lithology of 50% sand and 50% gravel (RWQCB, 1996). A Site specific soil cleanup screening level can be calculated by multiplying the AF by the MCL (19 x 0.013 mg/L). The resulting soil cleanup screening level of 0.247 mg/L is applicable for soil from ground surface to 50 feet below ground surface and is an order of magnitude higher than the residual MTBE concentration detected in shallow soil onsite.

Based on this analysis the residual concentrations of TPHd, toluene, and MTBE are not human health or ecological risk, nor do they pose a threat to drinking water resources beneath the site. This report recommends that no further regulatory action be required in relation to the removed USTs and fuel dispensing systems on the Site.

1.0 INTRODUCTION

On July 23, 2003, URS Corporation (URS) removed three 12,000-gallon underground storage tanks (USTs) at the above-referenced property (Site). URS personnel conducted the UST removals in accordance with the guidelines and under regulatory oversight of the County of Los Angeles Department of Public Works, Environmental Programs Division (LADPW). A copy of the LADPW UST removal permit is provided in Appendix A. This report, prepared by URS on behalf of The Realty Associated Fund V, L.P., details the field activities and results of analytical data collected during the UST removal and subsequent soil excavation project.

The former Hughes Family Market distribution center and warehouse is located at 5305 Rivergrade Road in the City of Irwindale, California (Figure 1). The Site is bounded by the San Gabriel Riverbed to the northwest, by Rivergrade Road to the south and southeast, by Arrow Highway to the northeast, by the 605 Freeway to the west. The Santa Fe Flood Control Basin is located directly north of the Site.

Harding Lawson Associates (HLA) initially conducted a site reconnaissance as part of an Environmental Site Assessment (ESA) on November 19, 1999 (HLA, January 10, 2000). Site reconnaissance identified the presence of three 12,000-gallon fuel USTs. Two of the USTs were used to store diesel fuel and one was used to store unleaded gasoline. The USTs, dispensers, and associated piping were located to the southeast of the truck maintenance facility (Figure 2). The USTs were reported to be "double-walled Plasteel with appropriate alarms, spill containment, and overflow protection." Per the HLA ESA report, these USTs were installed in 1992 and were last used by Hughes Family Market in 1997 or 1998.

2.0 GEOLOGY AND HYDROGEOLOGY

The former Hughes Family Market distribution center and warehouse is located at 5305 Rivergrade Road in the City of Irwindale, California (Figure 1). The Site is bounded by the San Gabriel Riverbed to the northwest, by Rivergrade Road to the south and southeast, by Arrow Highway to the northeast, by the 605 Freeway to the west. The Santa Fe Flood Control Basin is located directly north of the Site.

The Site is located the northern half of the San Gabriel Valley approximately 3½ miles from the southern flank for the San Gabriel Mountains. Recent alluvium composed of unconsolidated deposits of gravel and sand occurs at ground surface in the area of the Site. Soil encountered in the UST excavations consisted of sands with gravel. Boring log data for the vicinity indicates that primarily gravel or gravel and sand are present to the total depths of 300 to 500 feet below ground surface (bgs) in the site vicinity. Alluvial deposits consisting primarily of gravel, sand, silt, and clay are estimated to extend to depths of 1,000 to 2,000 feet bgs in the Site vicinity. Idealized cross-sections indicate the middle and upper Miocene age Puente and Topanga Formations underlie the alluvial deposits to undetermined depths. The Topanga and Puente Formations are marine deposits consisting of interbedded siltstones, sandstones, conglomerates, and shale (State of California DWR, 1966).

Hydrogeologically, the Site located in the central area of the San Gabriel Valley groundwater basin. The basin is bounded on the north by the San Gabriel Mountains, on the east by uplifted subsurface bedrock between San Dimas and La Verne, on the southeast, south and west by the San Jose, Puente, Merced, and Repetto Hills, and on the northwest by the Raymond fault. The primary water bearing formations within the basin consist of unconsolidated and semi-consolidated Holocene and Pleistocene age sediments (State of California DWR, 1966).

Los Angeles County Well #4239H is located approximately 1700 feet southeast of the site (Figure 1). Depth to groundwater in the well was last measured May 1, 2003 at 214.2 feet bgs (LADPW, September 2003). Based on this data, the depth to groundwater beneath the Site is estimated to be approximately 200 feet bgs. Based on the regional topography the direction of groundwater flow in the Site vicinity is estimated to be south-southwest.

3.0 SCOPE OF WORK

The project was managed and field activities were supervised by URS personnel under the direction of a California Registered Geologist. The UST excavation and removal services were performed by URS subcontractor, Innovative Construction Solution (ICS), Inc., a state-licensed contractor with hazardous substance removal certification (License No. 764815). Nieto and Sons Trucking, Inc. was subcontracted by ICS to render the USTs inert, cut openings, pressure wash and triple rinse the interior of the USTs, and lift the USTs out of the excavation onto a flatbed truck for transportation and disposal. Methods utilized to excavate, remove, and dispose of the USTs are provided in the following sections.

3.1 HEALTH AND SAFETY PLAN

Prior to initiating the field activities, a site-specific health and safety plan was prepared that:

- Identified and described potentially hazardous substances that could have been encountered during field operations.
- Specified protective equipment and clothing for onsite activities.
- Outlined measures to be implemented in the event of an emergency.

Field personnel were required to review the health and safety plan prior to commencing with field activities. In addition, health and safety briefings were conducted during the course of field activities. A copy of the health and safety plan was kept onsite during field activities and is archived in the project files.

3.2 UTILITY CLEARANCE

In accordance with California Assembly Bill AB 73, Underground Services Alert (USA) was notified of our intent to conduct subsurface excavation at least 48 hours prior to initiation of intrusive field tasks. The proposed location of subsurface excavation was clearly marked with white paint as required by California Code 4216. USA contacted utility owners of record within the vicinity and notified them of our intention to conduct subsurface excavation in proximity to buried utilities. The utility owners of record, or their designated agents, clearly marked the position of their utilities on the ground surface throughout the area designated for excavation.

3.3 SITE SECURITY

The USTs were located on the southeast side of the truck maintenance facility (Figure 2). The Site has restricted access and is secured with fences, gates, and walls in excess of six feet tall and is not accessible to the public. Therefore, barricades and caution tape were used to delineate work zones, soil stockpiles, and open excavations within the secured loading dock area.

3.4 AIR MONITORING

Soil excavation during the UST removal was monitored in accordance with a South Coast Air Quality Management District (SCAQMD) Mitigation Plan (No. 406479) for excavation and handling VOC-impacted soils. Advance notifications were made to the SCAQMD by URS prior to startup. Soil monitoring records were maintained in accordance with AQMD Rule 1166. A copy of the SCAQMD Mitigation Plan and Rule 1166 Soil Monitoring Records are included as Appendix B. Continuous air monitoring was also conducted for worker safety.

3.5 UST EXCAVATION AND REMOVAL

Concrete overlying the UST was saw cut and removed during July 22, 2003. The removed concrete and asphalt was stockpiled onsite and subsequently disposed of as construction waste. Following concrete and asphalt removal, soil overlying the USTs was excavated using an excavator (Photographs 1 and 2). Soil excavation was conducted in accordance with SCAQMD Rule 1166 requirements (Appendix B). Excavated soil was placed on 6-millimeter polyethylene sheeting and were located a minimum distance of 4 feet from the edge of the excavation.

After the USTs were exposed and degassed, openings were cut on the tops of the USTs, and the interior of the USTs were pressure-washed and triple-rinsed (Photographs 3, 4, and 5). Following pressure washing, the USTs were inspected and determined to be non-hazardous for transportation and disposal by a certified marine chemist. A copy of the marine chemist certification is provided as Appendix C. A crane was used to lift the USTs out of the excavation, where they were cleaned of excess soil, and loaded onto a flatbed truck for transport to, and disposal at, Ecology Auto Parts in Santa Fe Springs, CA (Photographs 6 through 9). A copy of the certificate of destruction for the USTs is provided in Appendix D. The USTs appeared to be in good condition with no visible holes observed in the USTs during excavation and removal.

3.5.1 Piping and Dispenser Removal

The product and vent piping associated with the USTs were excavated with a backhoe, rinsed, and removed (Photographs 10, 11, and 12). The piping appeared to be in good condition with no visible holes observed in the piping. The removed piping was disposed with the USTs. Fuel dispensers were also removed from the site (Photograph 13).

3.5.2 Sampling Program

Soil samples were obtained from beneath the removed USTs, product piping, and fuel dispensers using an excavator or backhoe. Soil samples were collected from soil within the center of the excavator or backhoe bucket. Sampling equipment was cleaned using a dilute Alconox solution followed by rinsing with fresh water, final rinsing with distilled water, and air-drying. Soil samples analyzed for volatile organic compounds (VOCs) were collected using Encore™ samplers the current EPA method 5035 protocol required by the Regional Water Quality Control Board, Los Angeles Region (RWQCB).

Soil samples were properly sealed, labeled, and recorded on a chain of custody document (Appendix E). The sample labels affixed to the samples included the following information; sample designation, sample

number, sample depth, date, collector initials, site/client name, and time of collection. The sealed and labeled samples were placed in an ice chest maintained at a temperature of three to seven degrees centigrade and transported, under chain of custody, to Southland Technical Services, Inc. (STS) in Montebello California. STS is a California Department of Health Services accredited laboratory (Cert. No. 1986).

Soil samples were collected from beneath the removed USTs, product piping, and fuel dispensers during July 23, 2003. Six samples and one duplicate sample were collected underneath the former UST tanks at 17 feet bgs. Ten samples and one duplicate sample were collected from beneath the former fuel dispensers at 4 feet bgs with the exception of the sample taken beneath the satellite fuel dispenser #1, which was taken at 3 feet bgs. Three samples were collected from selected locations beneath removed product piping at depths of 3 to 5½ feet bgs. Two composite samples were taken from the excavated soil stockpile. The soil sample locations are shown on Figure 3.

3.5.3 Laboratory Analysis

The soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) and diesel fuel (TPHd), by EPA Method 8015M. The soil samples were also analyzed for volatile fuel constituents benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates Methyl tert-Butyl Ether (MTBE), Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME) and tert-Butanol (TBA) by EPA Method 8260B.

A summary of soil analytical results is included as Table 1. Laboratory reports and chain-of-custody documentation are included as Appendix E. BTEX, DIPE, ETBE, TAME, and TBA, were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding FD5-4-030723 which contained 0.003 mg/kg of toluene. MTBE was detected in soil samples at concentrations ranging from 0.014 to 0.071 mg/kg at locations FD5-4-030723 and T1A-17-030723, respectively. TPHg was detected in three soil samples at concentrations ranging from 135 mg/kg to 305 mg/kg. TPHd was detected in six soil samples at concentrations ranging from 10 mg/kg to 6,340 mg/kg.

URS conducted a check of data completeness for the analytical laboratory reports. Results indicate "these data are usable, as qualified, for their intended purpose". A copy of URS's Data Validation Memo is included in Appendix F.

3.6 Excavation Of Soil

Additional soil excavation was conducted September 27, 2003 in the area of fuel dispensers 1 and 2, satellite fuel dispensers 2 and 3, and UST T2 (Figure 2) to remove accessible soil affected with petroleum hydrocarbons prior to backfilling and repaving. Soil was removed to a depth of several feet below the previous soil sampling locations. Soil beneath fuel dispensers 1 and 2 was removed to a depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 2 was removed to depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 3 was removed to a depth of approximately 8 feet bgs. Soil beneath removed UST T2 was removed to a depth of approximately 21 feet bgs. The areas of additional excavation are shown on Figure 4.

Following review of laboratory analytical results for soil samples collected September 27, 2003, An additional several feet of soil was removed from the areas of fuel dispenser 1 and 2 on September 28, 2003. Additional soil was removed from the bottom of the excavation to a depth of approximately 11 feet bgs.

Excavated soil was placed on, and covered with 6-millimeter polyethylene sheeting and located a minimum distance of 4 feet from the edge of the excavations. The soil was subsequently transported offsite to an appropriate disposal/recycling facility.

3.6.1 Confirmation Sampling Program

Soil samples were collected from the excavation during August 27 and 28, 2003. Five samples were collected in the vicinity of the former UST tank number 2. Sixteen samples were collected from beneath the former fuel dispensers at various depths. Three composite samples were taken from the excavated soil stockpile for disposal characterization. The soil sample locations for the fuel dispenser and UST excavations are shown on Figure 4.

Soil samples were collected from the sidewalls and bottoms of the excavations using an excavator or backhoe. Soil samples were collected from soil within the center of the excavator or backhoe bucket. Sampling equipment was cleaned using a dilute Alconox solution followed by rinsing with fresh water, final rinsing with distilled water, and air-drying. Soil samples analyzed for VOCs were collected using Encore™ samplers the current EPA method 5035 protocol required by the RWQCB.

Soil samples were properly sealed, labeled, and recorded on a chain of custody document as described in Section 3.5.2. The sealed and labeled samples were placed in an ice chest maintained at a temperature of three to seven degrees centigrade and transported, under chain of custody, to STS laboratories.

3.6.2 Laboratory Analysis

The soil samples were analyzed for TPHg and TPHd, by EPA Method 8015M. The soil samples were also analyzed for BTEX and MTBE by EPA Method 8021. MTBE detections were confirmed by EPA Method 8260B.

A summary of soil analytical results for the confirmation samples is provided as Table 2. Laboratory reports and chain-of-custody documentation are included as Appendix E. BTEX and MTBE were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding T2A-21E-030827 which contained 0.021 mg/kg of MTBE. However, this sample was re-analyzed for MTBE by EPA method 8260B and the MTBE detection was not confirmed and therefore is not considered valid. TPHg was detected in soil sample collected at FD1/2-9.5B-030827 at concentration of 2.3 mg/kg. TPHd was detected in soil samples at concentrations ranging from 11 mg/kg to 481 mg/kg. It should be noted that additional soil was excavated in the area of the 481 mg/kg detection.

Laboratory reports and chain-of-custody documentation are included as Appendix E. URS conducted a check of data completeness for the analytical laboratory reports. Results indicate "these data are usable,

as qualified, for their intended purpose". A copy of URS's Data Validation Memo is included in Appendix F.

3.7 WASTE MANAGEMENT

The USTs, rinseate fluids, and excavated soils were disposed of at appropriate facilities as determined from field observations and waste profiling. Nieto and Sons Trucking, Inc. recovered approximately 750 gallons of water from the UST during the pressure wash and triple rinse. The rinseate water from the USTs and product piping was transported by Nieto and Sons Trucking, Inc. to DeMenno Kerdooon in Compton, California for disposal. A copy of the uniform hazardous waste manifest for the disposal of the rinseate water is provided as Appendix G.

Approximately 46 tons of petroleum hydrocarbon affected soil excavated from the areas of the UST T2 and fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 was transported to Thermal Remediation Solutions in Azusa, California for disposal/recycling. The disposal/recycling certificate for the soil is provided as Appendix H.

3.8 BACKFILL AND RESURFACING

The UST and piping excavations were backfilled with stock piled soil from the UST excavation and clean, imported fill. The backfilled soil was compacted to 90% of relative maximum density. The soil compaction data is provided in Appendix I. The excavations were resurfaced with 6-inches of steel reinforced concrete (Photograph 14, 15, and 16).

4.0 DISCUSSION

Three 12,000 gallon USTs historically used to store diesel fuel and unleaded gasoline were removed from the Site July 22, 2003. Analyses results for soil samples collected during the UST removals identified areas beneath UST T2, fuel dispensers 1 and 2, and satellite fuel dispensers 2 and 3 with elevated concentrations of petroleum hydrocarbons. Additional soils were excavated from these areas on September 27 and 28, 2003.

Confirmation samples collected from the excavations indicate the residual concentrations of TPHd remaining in soil do not exceed 15 mg/kg. Residual concentrations of toluene remaining in soil do not exceed 0.003 mg/kg. Residual concentrations of MTBE remaining in soil do not exceed 0.071 mg/kg.

A variety of federal regulations that protect public health and the environment in California are directed by the United States Environmental Protection Agency (USEPA), Region 9. State of California regulations are directed by agencies such as the Department of Health Services (DHS), Department of Toxic Substances Control (DTSC), and the State Water Resources Control Board (SWRCB). USEPA Region 9 has established Preliminary Remediation Goals (PRGs) as tools for evaluating and cleaning up contaminated sites. Furthermore, California state agencies have developed additional cleanup guidance for contaminated soils and groundwater based on human health and ecological risk exposure. Various California cleanup guidance criteria for sites with soil and groundwater contamination typically factor in maximum contaminant levels (MCLs) for drinking water. General guidance criteria such as the USEPA Region 9 PRGs and California drinking water MCLs can be used as a benchmark for evaluating cleanup criteria for a site such as this.

The remaining BTEX and MTBE concentrations detected in soil beneath the former UST and fuel dispensing area of the site and the corresponding regulatory guidance criteria are listed below.

Petroleum Hydrocarbon Constituents Of Concern	Highest Detected Concentration in Soil (mg/kg)	USEPA Region 9 PRGs for Soil				California Drinking Water MCLs (mg/L)
		Health Risk		Protection of Groundwater		
		Res. (mg/kg)	Ind. (mg/kg)	DAF1 (mg/kg)	DAF20 (mg/kg)	
Benzene	<0.005	0.6	1.3	0.002	0.03	0.001
Toluene	0.003	520	520	0.6	12	0.15
Ethylbenzene	<0.005	8.9	20	0.7	13	0.7
Xylenes	<0.010	210	210	10	210	1.75
MTBE	0.071	17	36	--	--	0.013

-- = Not Available

The residual concentrations of toluene detected in soil are below USEPA PRGs and California Drinking Water MCLs. There are no published PRGs or Drinking Water MCLs for TPH. However, the residual concentrations of TPHd remaining in soil are several orders of magnitude below the Maximum Soil Screening Levels for Soils Above Drinking Water Aquifers provided in the *Interim Site Assessment and*

Cleanup Guidebook (RWQCB, 1996). The published soil screening levels for TPH have since been rescinded but are still observed by multiple oversight agencies.

The residual concentrations of MTBE detected in soil are below USEPA PRGs and above drinking water MCLs. Assuming the MTBE detections decrease to below detectable concentrations before 50 feet bgs, and the distance to groundwater is greater than 150 feet from the last MTBE detection, an average attenuation factor (AF) of 19 can be used based on Site lithology of 50% sand and 50% gravel (RWQCB, 1996). A Site specific soil cleanup screening level can be calculated by multiplying the AF by the MCL (19 x 0.013 mg/L). The resulting soil cleanup screening level of 0.247 mg/L is an order of magnitude higher than the residual MTBE concentration detected in soil onsite.

Based on this analysis the residual concentrations of TPHd, toluene, and MTBE are not human health or ecological risk, nor do they pose a threat to drinking water resources beneath the Site. URS recommends that no further regulatory action be required in relation to the removed USTs and fuel dispensing systems on the Site.

5.0 LIMITATIONS

The conclusions presented in this report are professional opinions based solely upon the data described in this report. They are intended exclusively for the purpose outlined herein and the Site location and project indicated. This report was prepared for the sole use and benefit of The Realty Associated Fund, V L.P. The scope of services performed in execution of this project may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

Opinions relating to environmental, geologic, and geotechnical conditions are based on limited data and actual conditions may vary from those encountered at the times and locations where data were obtained. No express or implied representation or warranty is included or intended in this report except that the work was performed within the limits prescribed by The Realty Associated Fund V, L.P. with the customary thoroughness and competence of professionals working in the same area on similar projects.

Please contact us at (714) 835-6886 if you have any comment or questions.

Respectfully submitted,

URS CORPORTATION

CERTIFIED HYDROGEOLOGIST
JOHN SCOTT ROWLANDS
715
Exp. 3/31/04
STATE OF CALIFORNIA

J.S. Rowlands, R.G., C.HG.
Senior Project Geologist

S. Tariq Hussain
Project Manager

6.0 REFERENCES

California Department of Water Resources (CDWR), Southern District. *Bulletin No. 104-2, Planned Utilization of the Groundwater Basins San Gabriel Valley, APPENDIX A: Geohydrology*, March 1966.

California Regional Water Quality Control Board (CRWQCB), Los Angeles Region. Interim Site Assessment and Cleanup Guidebook, May 1996.

Harding Lawson Associates (HLA). Environmental Site Assessment, Hughes Distribution Center 5305 Rivergrade Road, Irwindale, California, January 10, 2000.

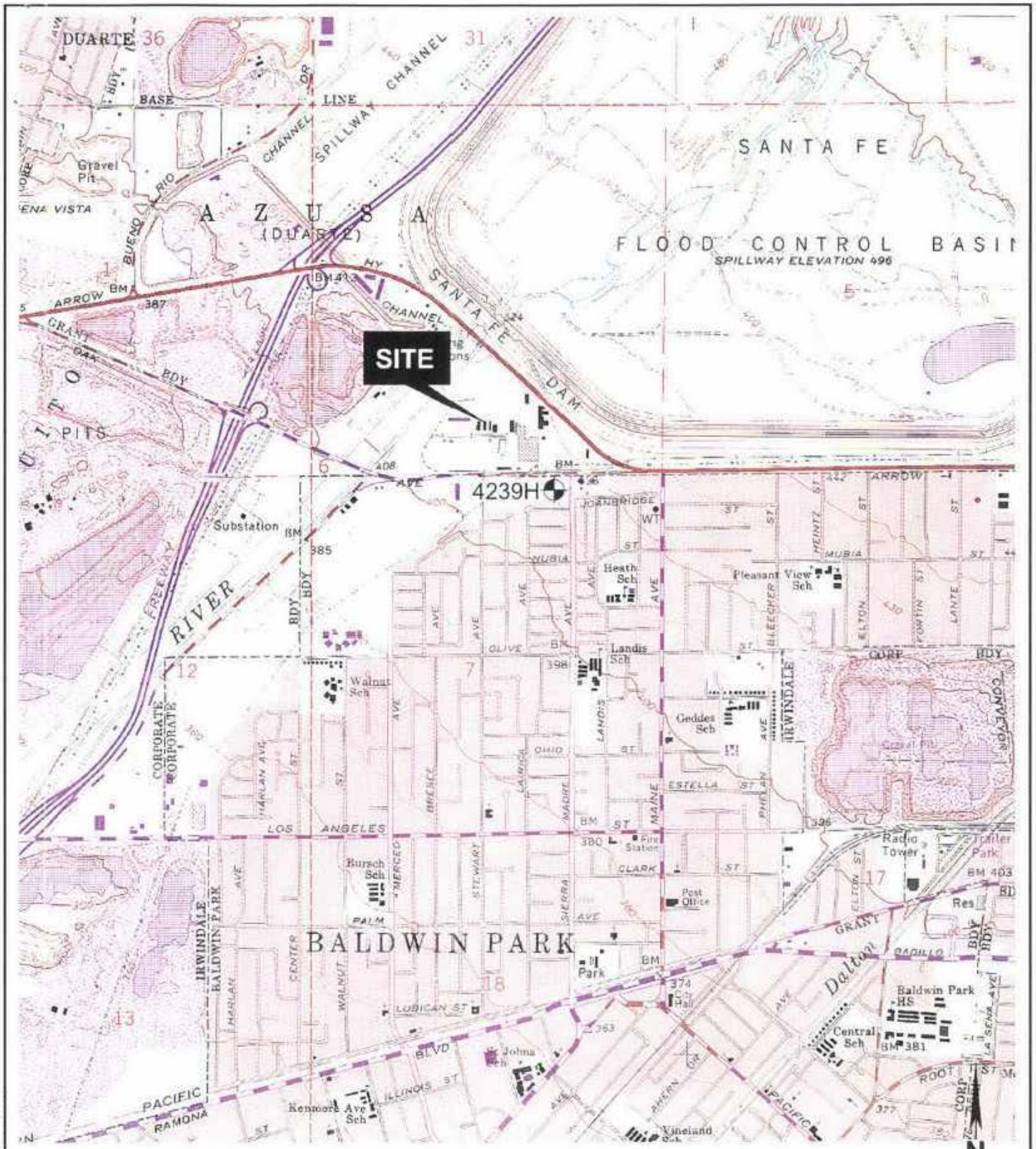
Los Angeles County Department of Public Works, Groundwater Depths, Phone: (626) 458-6120. Contacted September 9, 2003.

State of California, Department of Health Services (DHS). Drinking Water Standards, Primary Maximum Contaminant Levels (MCLs), January 31, 2001.

United States Environmental Protection Agency (USEPA) Region 9, Preliminary Remediation Goals (PRGs). http://www.epa.gov/region09/waste/sfund/prg/, Oct. 1, 2002.

USGS Topographic Map, 7.5 minute series, Baldwin Park Quadrangle, CA; 1966, photorevised 1981.

TABLES



REFERENCE: USGS 7.5 Minute Series Baldwin Park, CA Quad, Photorevised 1981

0 1/2

Scale in Miles

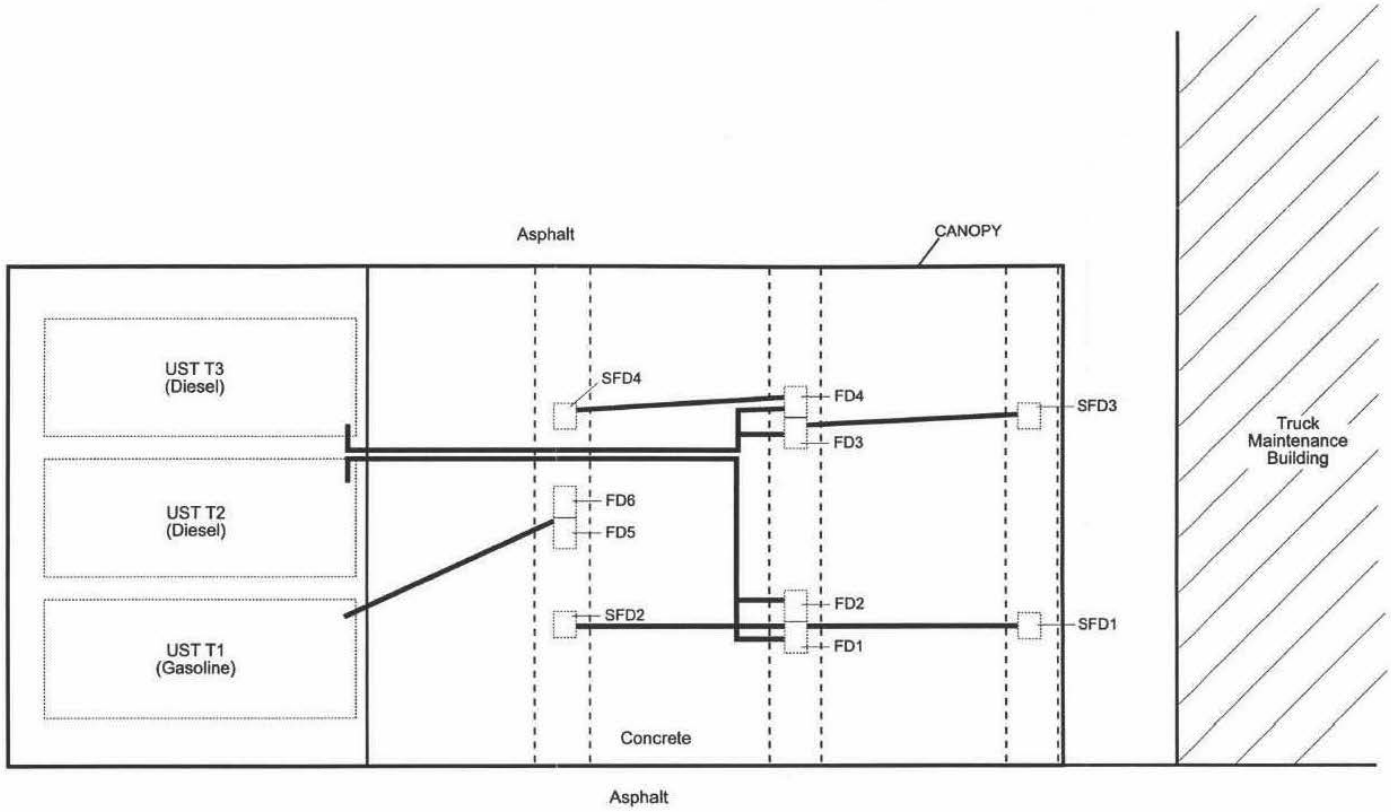
N

SITE VICINITY MAP

Project No.: 29868258	Date: NOVEMBER 2003	Project: THE REALTY ASSOCIATED FUND	Figure 1

L:\realty associated fund\site vic map.fh10 8/03

URS



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping

N

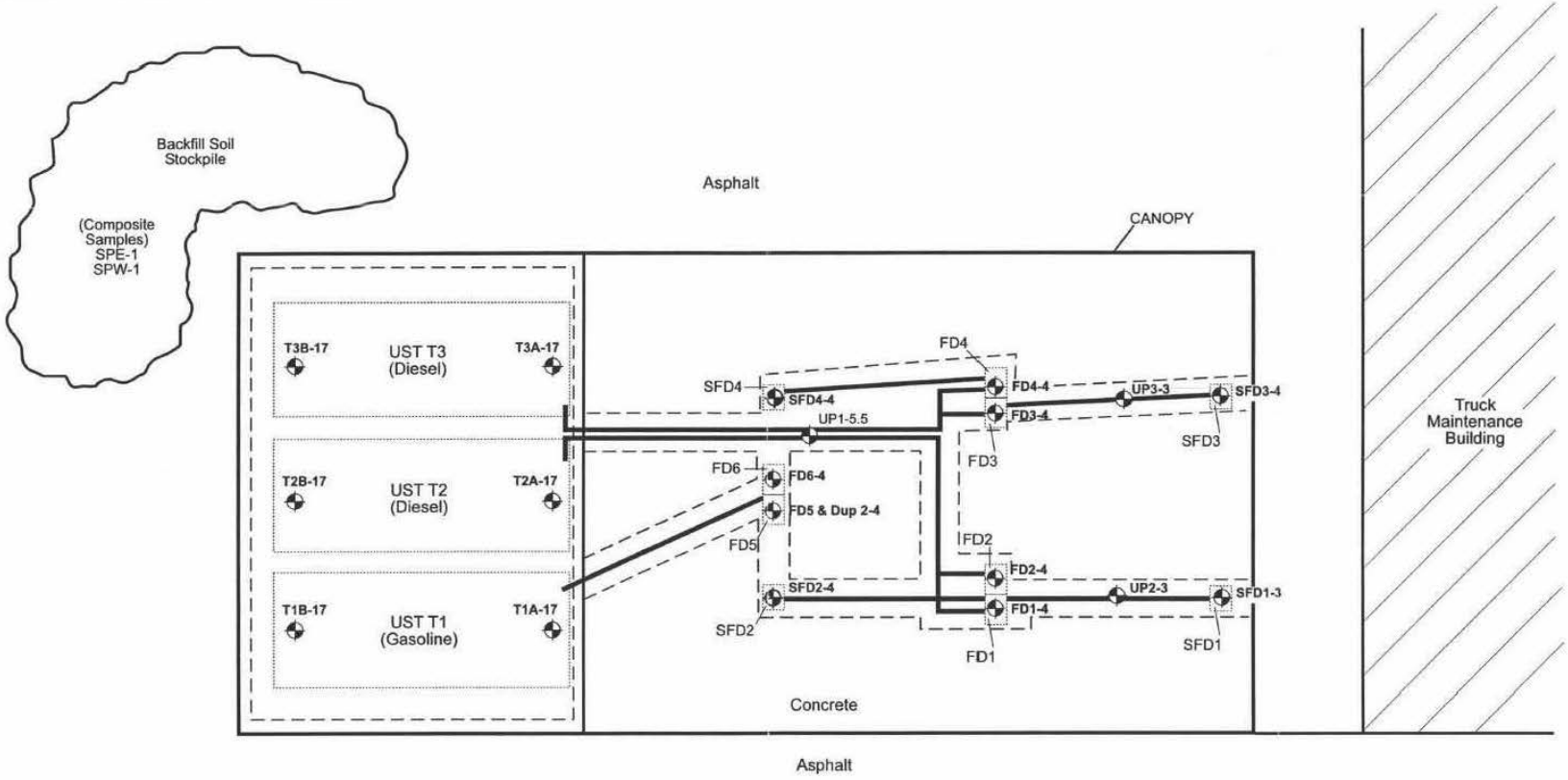
0 10' 20'

Scale in Feet

SITE PLAN

Project: THE REALTY ASSOCIATED FUND	
Project No.: 29868258	Figure 2
Date: NOVEMBER 2003	

URS



LEGEND

- Former UST Location
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- FD1-4 — Soil Sample Location and Designation
- Excavation Limits
- Former Product Piping

N

0 10' 20'

Scale in Feet

SOIL SAMPLE LOCATIONS DURING UST REMOVAL

Project: THE REALTY ASSOCIATED FUND

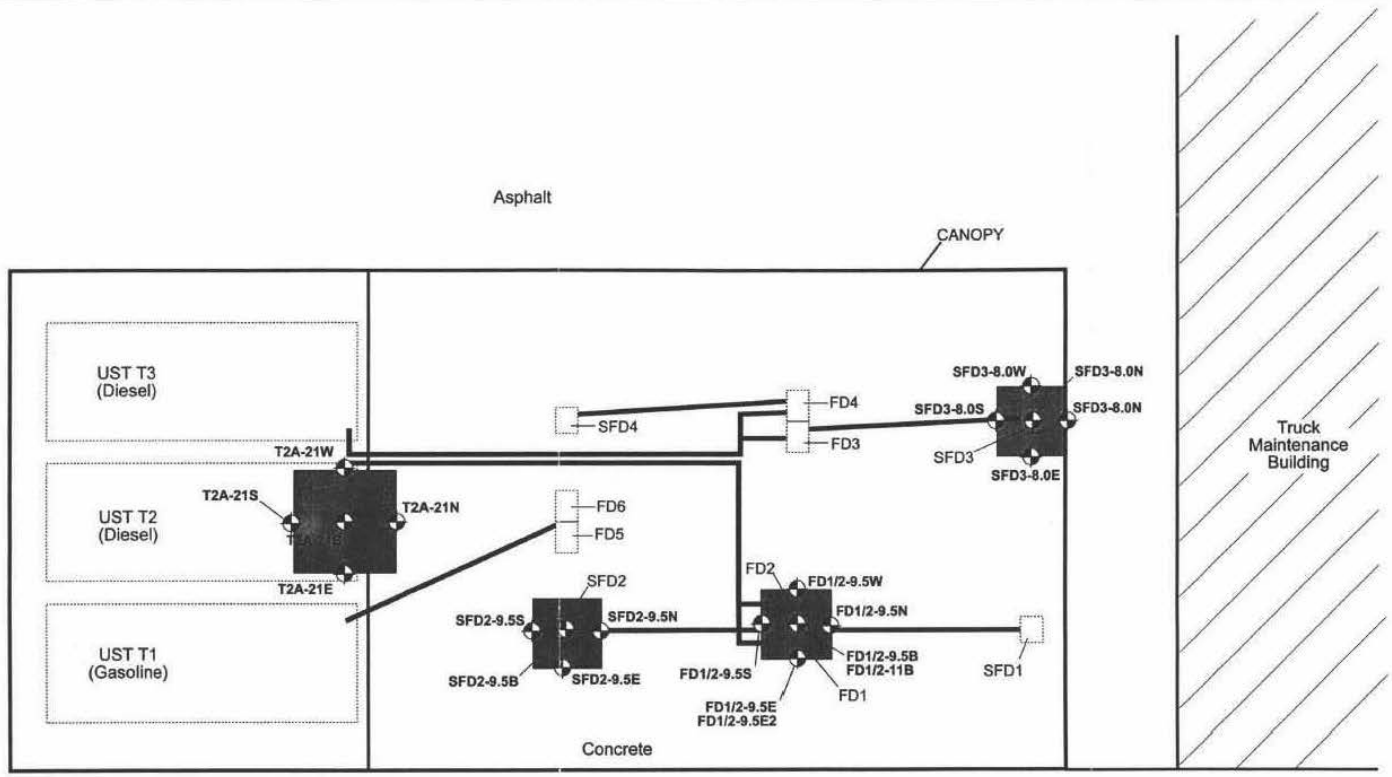
Project No.: 29868258

Date Sampled: JULY 23, 2003

Figure 3

URS

G:\28\TA REALTY\IRVINDALE\UST Removal.FH10 8/03



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping
- T2A-21N — Soil Sample Location and Designation
- Limit of Soil Excavation

N

0 10' 20'

Scale in Feet

SOIL EXCAVATION AREAS AND CONFIRMATION SAMPLE LOCATIONS

Project: THE REALTY ASSOCIATED FUND

Project No.: 29868258

Date Sampled: 7/23/03 and 8/27-8/28/03

Figure 4

URS

PHOTOGRAPHS



Photo 1: Excavation of soil overlying the underground storage tanks.



Photo 2: Excavation of soil overlying the underground storage tanks.



Photo 3: Cutting of underground storage tank prior to rinsing.



Photo 4: Degassing of underground storage tanks.



Photo 5: Rinsing and degassing of underground storage tanks.



Photo 6: Removal of underground storage tank T1.



Photo 7: Removal of underground storage tank T1.



Photo 8: Placement of Underground storage tank on flatbed truck.



Photo 9: Placement of Underground storage tank on flatbed truck.



Photo 10: Excavation of pump islands and product piping area.



Photo 11: Exposed product piping and fuel dispenser sumps prior to removal.



Photo 12: Removal of product piping and sumps.



Photo 13: Removal of fuel dispensers.



Photo 14: View of excavated areas following backfill and compaction.



Photo 15: View of excavated areas following backfill and compaction.



Photo 16: View of resurfaced areas following backfill and compaction.

APPENDIX A
LADPW UST REMOVAL PERMIT

APPLICATION FOR CLOSURE
HAZARDOUS MATERIAL UNDERGROUND STORAGE TANKS
COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331
(626) 458-3517

DPW USE ONLY
App. No. 373090
Site File 15636-38592 Rvc 35
Fee $
Check [ ] Cash [ ]

TANK OWNER: Contact Name: The Realty Associates Fund V LP Phone: 949-852-2030
Mailing Address: 1301 Dove St. #860 City: Newport Beach State: Ca Zip: 92660

FACILITY/SITE: Occupant Name: -VACANT- Phone: 714-433-7618
Site Address: 5305 Riverside City: Irwindale State: Ca Zip: 91706
Mailing Address: 2020 E. First #400 City: Santa Ana State: Ca Zip: 92705
Contact Person: William Schramm Title: Project Manager
URS Corporation

CONTRACTOR [ ] OWNER/OPERATOR AS CONTRACTOR [ ]
Contractor Name: Innovative Construction Solutions Phone: 714-893-6366
State License No.: 764815 Class: A
Hazardous Substance Removal Certified YES [X] NO [ ]

CLOSURE REQUESTED: Closure of tanks shall be in compliance with California Health and Safety Code Chapter 6.7, Section 25298, and California Code of Regulations Title 23, Division 3, Chapter 16, Sections 2670 through 2672.

[X] PERMANENT, TANK REMOVAL (See Section 2672(b))
How many underground storage tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Section 2672(c)) - Attach Justification Statement
[ ] TEMPORARY, (See Section 2671)
[ ] Other:

PLOT PLAN ATTACHED [X] Showing existing tanks product piping & dispenser locations. EXISTING HMUSP PERMIT NO.:

TANK DESCRIPTION:

TANKS NO.	*	TANK ID NO. (DPW USE ONLY)	CAPACITY GALLONS	MATERIALS STORED (PAST/PRESENT)	CLOSURE APPLICATION FEE
1	yes		12000	U: Gasoline	$347.00
2	yes		12000	Diesel	426.00
3	yes		12000	Diesel	505.00
4	/				584.00
5					663.00
6 (+ ATTACH LIST)					$268.00 + $79.00/PER TANK =

* Compliance with December 22, 1998 Standards (See 2A on back)

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Have structural repair ever been made to these tanks?	[ ]	[X]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH AND SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature _____ Date 3/11/03
(Print Name) S. Tariq HUSSAIN Phone 714 433 7622
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. ATTACHMENTS YES [ ] NO [ ]
THIS AUTHORIZATION EXPIRES 9/20/03

JAMES A. NOYES
Director of Public Works By: _____ Date: 3/20/03

APPENDIX B

SCAQMD RULE 1166 AIR MONITORING RECORDS

South Coast
Air Quality Management District
21865 E. Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 · www.aqmd.gov

PLAN ISSUE DATE September 19, 2002

COMPANY I.D.: 120425

Mitigation Plan/Application No. 406479

Applicant: Innovative Construction Solutions, Inc.
7125 Fenwick Lane. Suite O
Westminster, CA 92683

Attention: John White
Phone (714) 893-6366 Fax (714) 893-5122

VARIOUS LOCATIONS
RULE 1166 CONTAMINATED SOIL MITIGATION PLAN

Reference is made to your application (A/N 406479)-for the excavation and handling of VOC-contaminated soil at **various locations** within the South Coast Air Quality Management District.

In accordance with Rule 1166 (c), this approved plan is required prior to commencing excavation of any underground storage tank or transfer piping which has previously been used to store or transfer volatile organic compounds (VOC) or during the excavation, handling, or storage of VOC-contaminated soils.

The rights and privileges granted through the issuance of this plan are restricted exclusively to the plan holder to whom it was issued, and are non-transferable, even with the written or expressed consent of the plan holder listed above.

A VARIOUS LOCATIONS PLAN can be used at a site to excavate and remove a maximum of 2000 cubic yards of VOC contaminated soil at the site. Any treatment or additional excavation of VOC contaminated soil at the site will require the issuance of a SITE SPECIFIC plan by the AQMD. Multiple use of VARIOUS LOCATIONS PLANS to excavate over 2000 cubic yards of contaminated soil for the same site is prohibited per Rule 1166.

This excavation and mitigation plan has been approved under the provisions of Rule 1166 of the Rules and Regulations of the AQMD and is subject to the following conditions.

THIS PLAN WILL EXPIRE ONE YEAR FROM THE ISSUE DATE.

IF YOU WISH TO MAINTAIN A CURRENT PLAN AFTER THAT DATE, FILE AN APPLICATION FOR A NEW PLAN AT LEAST TWO MONTHS PRIOR TO THE EXPIRATION DATE OF THE CURRENT PLAN.

PLAN CONDITIONS

SECTION I – GENERAL REQUIREMENTS

1. A SIGNED COPY OF THIS PLAN SHALL BE PRESENT AT EACH EXCAVATION SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

21865 E Copley Drive Diamond Bar CA 91765-4182 WWW.AQMD.GOV

[ ] R1149 – TANK DEGASSING NOTIFICATION
[✓] R1166 – TANK EXCAVATION NOTIFICATION
[ ] R1166 – VOC-CONTAMINATED SOIL NOTIFICATION
[ ] R1166 – VOC SITE MITIGATION NOTIFICATION

To notify, please fax this form to (909) 396 3342

This form will be faxed back to you with the notification Reference Number 714 893-5122

For AQMD Use Only							
REFERENCE NO	RECEIVED BY	RECEIVED DATE	RECEIVED TIME	ENTERED	RE NOTIFICATION YES	RE NOTIFICATION NO	PRIOR REFERENCE NO
49884				Jun 24			

SITE INFORMATION: (TO BE COMPLETED FOR EVERY NOTIFICATION)

NAME: The Realty Associates Fund
ADDRESS: 9305 Rivergrade CROSS STREET: Stewart Ave
CITY: Irwindale CA ZIP: 91706
NAME OF TANK OWNER/OPERATOR: The Realty Associates Fund
CONTACT PERSON: PHONE: 949-852-2030
CONTRACTOR: Innovative Construction AQMD ID# 13040 PHONE: 714-893-1340 FAX: 714-893-5122
START DATE: July 21, 2003 TIME: 7am END DATE: July 25, 2003

# OF TANKS	EACH	CAPACITY (GAL)	MATERIAL STORED IN TANK	ABOVE GROUND?
1	@	12000	Unleaded Gasoline	N Y/N
1	@	12000	Diesel	N Y/N
1	@	12000	Diesel	N Y/N
	@			Y/N
	@			Y/N

TANK DEGASSING ONLY: PERSON IN CHARGE: PHONE:
EQUIPMENT PERMIT ISSUED TO: PERMIT AQMD#:

TANK EXCAVATION ONLY: PERSON IN CHARGE: ICS PHONE: 714-893-6366
MITIGATION PLAN ISSUED TO: none PLAN AQMD#: ~~131760~~ 406479

VOC-CONTAMINATED SOIL ONLY: PERSON IN CHARGE: PHONE:
HIGHEST READING (PPM): DATE REGISTERED: TIME:

VOC SITE MITIGATION ONLY: PERSON IN CHARGE: PHONE:
MITIGATION PERMIT ISSUED TO: PERMIT AQMD#:

IF EMERGENCY: GIVE THE DATE: TIME: OF THE EMERGENCY
PERSON WHO DECLARED THE EMERGENCY: PHONE:
(FOR AN EMERGENCY ORDER OR DECLARATION, FAX A COPY)

COMMENTS:

INFORMATION CERTIFICATION I certify that the above information is complete and accurate

URS Corporation (Company Name) Tam Hussain (Print Name) [signature] (Signature) 6/24 (Date)

NOTE: If you need to call please dial (909) 396 2328

July 21st

IRWINDALE PID READINGS

TIME	READINGS (ppm)
9:00	0.001
9:30	0.001
10:00	0.002
10:30	0.001
11:00	0.001
11:30	0.003
12:00	0.002
12:30	0.001
1:00	0.001
1:30	0.015
2:00	0.001
2:30	0.001
3:00	0.001

July 22nd

IRWINDALE PID READINGS

TIME	READINGS (ppm)
9:00	0.001
9:30	0.001
10:00	0.001
10:30	0.002
11:00	0.001
11:30	0.015
12:00	0.015
12:30	0.001
1:00	0.001
1:30	0.001
2:00	0.005
2:30	0.001
3:00	0.001

APPENDIX C
MARINE CHEMIST CERTIFICATION FOR USTS

Thomas D. Beck & Assoc., Inc.
dba HARBOR TESTING LABORATORY
24 HOUR PHONE: (562) 492-9646

MARINE CHEMIST CERTIFICATE

Serial # 290

NIETO and SONS — Survey Requested By
UNDERGROUND TANK — Vessel
GASOLINE, DIESEL — Last Cargo
U.S.T. — Vessel Owner or Agent
Type of Vessel
LEL, O2 VISUAL — Tests Performed
23 JULY 03 — Date
5305 RIVERSIDE — Specific Location of Vessel
1230 — Time Survey Completed

(3) THREE DOUBLE WALL FIBRE GLASS CONSTRUCTED UNDER-GROUND TANKS MARKED WITH YELLOW SPRAY PAINT: 290-1; 290-2 290-3

TESTED: 0% LEL
20.8% OXYGEN
NOT SAFE FOR WORKERS
NOT SAFE FOR HOT WORK
TANKS HAVE BEEN CLEANED.
SAFE TO CONTINUE CUT TANK USING HYDRAULIC/PNUEMATIC TOOLS

MSA MICROPID SN 22435 CALIBRATED @ 1630 HRS 23 JULY 03

In the event of any physical or atmospheric adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Transfer of ballast of manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment of space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment of space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are specified.

SAFE FOR HOT WORK: Means that in any compartment designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued."

7 Nieto — 7-07-03

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Marine Chemist

APPENDIX D
UST CERTIFICATES OF DESTRUCTION

ICS

CERTIFICATE OF DESTRUCTION

ECOLOGY AUTO PARTS
13780 E. IMPERIAL HWY
SANTA FE SPRINGS, CA 90670
(562)404-8683

COMPANY NAME: TRUCK STOP
ADDRESS: 5305 RIVERGRADE RD.
IRWINDALE, CA

DESCRIPTION: 3-12,000 GALLON STEEL TANKS

UNDERGROUND STORAGE TANK(S)
HAVE BEEN SCRAPED, CRUSHED AND DESTROYED AT
ECOLOGY AUTO PARTS
SANTA FE SPRINGS, CA.
ON: 07/23/03

SIGNATURE: Barbara Medrano
TITLE: MANAGER/BARBARA MEDRANO
DATE: 7/26/03

APPENDIX E

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTS FOR SOIL SAMPLES

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Mr. Scott Rowlands
URS Corporation
2020 E. First Street, Suite 400
Santa Ana, CA 92705

Project: 29868258
Project Site: Irwindale
SSample Date: 07-23-2003
Lab Job No.: UR307147

Dear Mr. Rowlands:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 07-24-2003 and analyzed by the following EPA methods:

EPA 8015M (Diesel)
EPA 8015M (Gasoline)
EPA 8260B (BTEX & Oxygenates by GC/MS)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (323) 888-0728 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.

7801 Telegraph Road Suite L, Montebello, CA 90640 Phone: (323) 888-0728 Fax: (323) 888-1509

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Matrix: Soil
Preparation Method for TPH-g: EPA 5035
Batch No. for TPH-g: AG24-GS1

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Received: 07-24-2003
Date Prepared: 07-23-2003
Date Analyzed: 07-24-2003

EPA Method 8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	C4-C12 (Gasoline range TPH)	Surrogate %RC	Surrogate ACP%
Reporting Limit		1	1		
Method Blank		1	ND	103	70-130
T1A-17-030723	UR307147-1	1	ND	130	70-130
T1B-17-030723	UR307147-2	1	ND	72.0	70-130
DUP1-030723	UR307147-3	1	ND	115	70-130
T2A-17-030723	UR307147-4	1	ND	71.5	70-130
T2B-17-030723	UR307147-5	1	ND	130	70-130
T3B-17-030723	UR307147-6	1	ND	130	70-130
T3A-17-030723	UR307147-7	1	ND	124	70-130
UP-1-5.5-030723	UR307147-8	1	ND	130	70-130
FD1-4-030723	UR307147-9	1	135	129	70-130
FD2-4-030723	UR307147-10	1	168	130	70-130
FD3-4-030723	UR307147-11	1	ND	122	70-130
FD4-4-030723	UR307147-12	1	ND	125	70-130
SFD1-3-030723	UR307147-13	1	ND	107	70-130
SFD2-4-030723	UR307147-14	1	305	130	70-130

DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Matrix: Soil
Preparation Method for TPH-g: EPA 5035
Batch No. for TPH-G: AG24-GS1

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Received: 07-24-2003
Date Prepared: 07-23-2003
Date Analyzed: 07-24-2003

EPA Method 8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	C4-C12 (Gasoline range TPH)	Surrogate %RC	Surrogate ACP%
Reporting Limit		1	1		
Method Blank		1	ND	103	70-130
SFD3-4-030723	UR307147-15	1	1.0	116	70-130
SFD4-4-030723	UR307147-16	1	ND	105	70-130
FD6-4-030723	UR307147-17	1	ND	96	70-130
FD5-4-030723	UR307147-18	1	ND	99.3	70-130
DUP2-030723	UR307147-19	1	ND	77.4	70-130
SPW-1-030723	UR307147-20	1	ND	117	70-130
SPE-1-030723	UR307147-21	1	ND	76	70-130
UP2-3-030723	UR307147-22	1	ND	79	70-130
UP3-3-030723	UR307147-23	1	ND	103	70-130

DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).

ND: Not Detected (at the specified limit).

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Matrix: Soil
Preparation Method for TPH-d: EPA 3550B
Batch No. for TPH-d: EG24-DS1

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Received: 07-24-2003
Date Prepared: 07-24-2003
Date Analyzed: 07-24-2003

EPA Method 8015M (Diesel)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	C13-C23 (Diesel Range TPH)	Surrogate %RC	Surrogate ACP%
Reporting Limit		1	10		
Method Blank		1	ND	100	70-130
T1A-17-030723	UR307147-1	1	ND	92	70-130
T1B-17-030723	UR307147-2	1	ND	92	70-130
DUP1-030723	UR307147-3	1	ND	94	70-130
T2A-17-030723	UR307147-4	1	ND	94	70-130
T2B-17-030723	UR307147-5	1	ND	92	70-130
T3B-17-030723	UR307147-6	1	ND	96	70-130
T3A-17-030723	UR307147-7	1	ND	94	70-130
UP-1-5.5-030723	UR307147-8	1	ND	92	70-130
FD1-4-030723	UR307147-9	1	2,450	166*	70-130
FD2-4-030723	UR307147-10	1	3,750	248*	70-130
FD3-4-030723	UR307147-11	1	ND	98	70-130
FD4-4-030723	UR307147-12	1	ND	96	70-130
SFD1-3-030723	UR307147-13	1	ND	94	70-130
SFD2-4-030723	UR307147-14	1	6,340	134*	70-130

DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).

ND: Not Detected (at the specified limit).

* Matrix interference

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Matrix: Soil
Preparation Method for TPH-d: EPA 3550B
Batch No. for TPH-d: EG24-DS1

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Received: 07-24-2003
Date Prepared: 07-24-2003
Date Analyzed: 07-24-2003

EPA Method 8015M (Diesel)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	C13-C23 (Diesel Range TPH)	Surrogate %RC	Surrogate ACP%
Reporting Limit		1	10		
Method Blank		1	ND	100	70-130
SFD3-4-030723	UR307147-15	1	114	110	70-130
SFD4-4-030723	UR307147-16	1	ND	124	70-130
FD6-4-030723	UR307147-17	1	ND	100	70-130
FD5-4-030723	UR307147-18	1	10	102	70-130
DUP2-030723	UR307147-19	1	15	104	70-130
SPW-1-030723	UR307147-20	1	ND	104	70-130
SPE-1-030723	UR307147-21	1	ND	84	70-130
UP2-3-030723	UR307147-22	1	ND	82	70-130
UP3-3-030723	UR307147-23	1	ND	84	70-130
T2A-17 (Other end)	UR307147-4	1	1,790	108	70-130

DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Project Site:	Irwindale	Date Sampled	07-23-2003
Preparation Method:	EPA 5035	Date Prepared:	07-23-2003
Matrix:	Soil	Date Received:	07-24-2003
Batch No.:	0724-VOAS	Date Analyzed:	07-24-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-1	UR307147-2	UR307147-3	UR307147-4	UR307147-5	UR307147-6	MDL
Sample ID		T1A-17-030723	T1B-17-030723	DUP1-030723	T2A-17-030723	T2B-17-030723	T3B-17-030723	
DF	1	2.5	1	1	1	1	1	
Benzene	ND	ND	ND	ND	ND	ND	ND	0.002
Toluene	ND	ND	ND	ND	ND	ND	ND	0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	0.002
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	0.004
MTBE	ND	0.071	ND	ND	ND	ND	ND	0.005
ETBE	ND	ND	ND	ND	ND	ND	ND	0.005
DIPE	ND	ND	ND	ND	ND	ND	ND	0.005
TAME	ND	ND	ND	ND	ND	ND	ND	0.005
T-Butyl Alcohol	ND	ND	ND	ND	ND	ND	ND	0.020
SURRO-GATE	**MB %RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	Accept Limit%
Dibromofluoro-methane	89	91	91	94	87	95	94	79-126
Toluene-d8	100	100	100	102	102	105	105	79-121
Bromofluoro-benzene	113	111	112	111	109	114	111	71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Preparation Method: EPA 5035
Matrix: Soil
Batch No.: 0724-VOAS

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Prepared: 07-23-2003
Date Received: 07-24-2003
Date Analyzed: 07-24-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-7	UR307147-8	UR307147-9	UR307147-10	UR307147-11	UR307147-12	MDL
Sample ID		T3A-17-030723	UP-1-5.5-030723	FD1-4-030723	FD2-4-030723	FD3-4-030723	FD4-4-030723	
DF	1	1	1	5	5	1	1	
Benzene	ND	ND	ND	ND	ND	ND	ND	0.002
Toluene	ND	ND	ND	ND	ND	ND	ND	0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	0.002
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	0.004
MTBE	ND	ND	ND	ND	ND	ND	ND	0.005
ETBE	ND	ND	ND	ND	ND	ND	ND	0.005
DIPE	ND	ND	ND	ND	ND	ND	ND	0.005
TAME	ND	ND	ND	ND	ND	ND	ND	0.005
T-Butyl Alcohol	ND	ND	ND	ND	ND	ND	ND	0.020
SURRO-GATE	**MB %RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**Accept Limit%**
Dibromofluoro-methane	89	91	98	88	89	90	91	79-126
Toluene-d8	100	104	101	99	101	104	101	79-121
Bromofluoro-benzene	113	113	111	112	113	111	116	71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Project Site:	Irwindale	Date Sampled	07-23-2003
Preparation Method:	EPA 5035	Date Prepared:	07-23-2003
Matrix:	Soil	Date Received:	07-24-2003
Batch No.:	0724-VOAS	Date Analyzed:	07-24-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-13	UR307147-14	UR307147-15	UR307147-16	UR307147-17	UR307147-18	MDL
Sample ID		SFD1-3-030723	SFD2-4-030723	SFD3-4-030723	SFD4-4-030723	FD6-4-030723	FD5-4-030723	
DF	1	1	5	1	1	1	1	
Benzene	ND	ND	ND	ND	ND	ND	ND	0.002
Toluene	ND	ND	ND	ND	ND	ND	ND	0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	0.002
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	0.004
MTBE	ND	ND	ND	ND	ND	0.050	0.014	0.005
ETBE	ND	ND	ND	ND	ND	ND	ND	0.005
DIPE	ND	ND	ND	ND	ND	ND	ND	0.005
TAME	ND	ND	ND	ND	ND	ND	ND	0.005
T-Butyl Alcohol	ND	ND	ND	ND	ND	ND	ND	0.020
SURRO-GATE	**MB %RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**Accept Limit%**
Dibromofluoro-methane	89	88	94	125	83	81	82	79-126
Toluene-d8	100	101	99	100	100	101	103	79-121
Bromofluoro-benzene	113	114	108	108	112	114	115	71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Project Site:	Irwindale	Date Sampled	07-23-2003
Preparation Method:	EPA 5035	Date Prepared:	07-23-2003
Matrix:	Soil	Date Received:	07-24-2003
Batch No.:	0724-VOAS	Date Analyzed:	07-24-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-19	UR307147-20	UR307147-21	UR307147-22	UR307147-23		MDL
Sample ID		DUP2-030723	SPW-1-030723	SPE-1-030723	UP2-3-030723	UP3-3-030723		
DF	1	1	1	1	1	1		
Benzene	ND	ND	ND	ND	ND	ND		0.002
Toluene	ND	ND	ND	ND	ND	ND		0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND		0.002
Total Xylenes	ND	ND	ND	ND	ND	ND		0.004
MTBE	ND	ND	ND	ND	ND	ND		0.005
ETBE	ND	ND	ND	ND	ND	ND		0.005
DIPE	ND	ND	ND	ND	ND	ND		0.005
TAME	ND	ND	ND	ND	ND	ND		0.005
T-Butyl Alcohol	ND	ND	ND	ND	ND	ND		0.020
SURRO-GATE	**MB %RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**		Accept Limit%
Dibromofluoro-methane	89	110	105	112	85	86		79-126
Toluene-d8	100	98	102	100	103	101		79-121
Bromofluoro-benzene	113	112	109	114	110	110		71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

EPA 8015M (TPH)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Matrix:	Soil	Lab Sample ID:	UR307147-11
Batch No:	AG24-GS1	Date Analyzed:	07-24-2003

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-g	ND	5,000	4,980	5,720	99.6	114.4	13.8	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-g	1,050	1,000	105.0	80-120

ND: Not Detected (at the specified limit).

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

EPA 8260B
Batch QA/QC Report

Client: URS Corporation
Project: 29868258
Matrix: Soil
Batch No: 0724-VOAS

Lab Job No.: UR307147
Lab Sample ID: UR307147-2
Date Analyzed: 07-24-2003

I. MS/MSD Report
Unit: ppb

Compound	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	21.0	19.4	105.0	97.0	7.9	30	70-130
Benzene	ND	20	22.3	21.2	111.5	106.0	5.1	30	70-130
Trichloro-ethene	ND	20	21.7	21.9	108.5	109.5	0.9	30	70-130
Toluene	ND	20	21.4	19.3	107.0	96.5	10.3	30	70-130
Chlorobenzene	ND	20	20.6	19.3	103.0	96.5	6.5	30	70-130

II. LCS Result
Unit: ppb

Compound	LCS Report Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	17.7	20	88.5	80-120
Benzene	20.1	20	100.5	80-120
Trichloro-ethene	17.1	20	85.5	80-120
Toluene	19.2	20	96.0	80-120
Chlorobenzene	18.0	20	90.0	80-120

ND: Not Detected (at the specified limit)

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

EPA 8015M(TPH)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Matrix:	Soil	Lab Sample ID:	UR307147-1
Batch No:	EG24-DS1	Date Analyzed:	07-24-2003

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-d	ND	200	231	237	115.5	118.5	2.6	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-d	210	200	105.0	80-120

ND: Not Detected (at the specified limit).

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Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Project Site:	Irwindale	Date Sampled	07-23-2003
Matrix:	Soil	Date Received:	07-24-2003
Batch No.:	0724-VOAS	Date Analyzed:	07-25-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-4						MDL
Sample ID		T2A-17 (Other end)						
DF	1	2						
Benzene	ND	ND						0.002
Toluene	ND	0.106						0.002
Ethylbenzene	ND	0.110						0.002
Total Xylenes	ND	0.68						0.004
MTBE	ND	0.083						0.005
ETBE	ND	ND						0.005
DIPE	ND	ND						0.005
TAME	ND	ND						0.005
T-Butyl Alcohol	ND	ND						0.020
SURRO-GATE	**MB %RC**	**%RC**						Accept Limit%
Dibromofluoro-methane	89	89						79-126
Toluene-d8	100	99						79-121
Bromofluoro-benzene	113	137*						71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).
* The recovery is out of QC range.

Note: The bross tube sample was used in doing the analysis. The results is for your information only.

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URS CORPORATION

2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

Date: 07/23/03

UR307147

☐ Data Requested in GISKey Format

Lab Name: STS LABORATORIES	URS Project/PO Number: 29868258
Client Name/Project Name/Location:	GeoTracker Information:
URS Project Manager: TAREK	EDF Reporting: Y N Global ID:
Sampler Name and Signature: STEVE T. / JOE L.	COELT Log Number:

#	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	Requested Analyses: 8015m TPHg	8015m TPHd	8260B BTEX, MTBE & Fuel oxygenates	HOLD	Special Instructions:
1	T1A-17-030723	7/23/03	1450	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		UR307147-1
2	T1B-17-030723		1510	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-2
3	Dup1-030723		1520	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-3
4	T2A-17-030723		1504	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-4
5	T2B-17-030723		1550	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-5
6	T3B-17-030723		1600	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-6
7	T3A-17-030723		1612	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-7
8	UP1-5.5-030723		1620	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-8
9	FD1-4-030723		1640	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-9
10	FD2-4-030723		1645	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-10

Relinquished by:	Date: 7/24/03	Received By: STS	Date/Time: 7/24/03 10.40
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION

2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

Date: 07/23/03

UR307147

☐ Data Requested in GISKey Format

Lab Name: STS Laboratories	URS Project/PO Number: 29868258
Client Name/Project Name/Location:	GeoTracker Information:
URS Project Manager: Tariq H.	EDF Reporting: Y N Global ID:
Sampler Name and Signature: J. Liles / S. Turner	COELT Log Number:

Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont:	Requested Analyses: BOISM TPHg	BOISM TPHd	8260B BTEX, MTBE & Fuel oxygenates	HOLD	Special Instructions:
1 FD3-4-030723	7/23/03	1630	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		UR307147-11
2 FD4-4-030723		1635	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-12
3 SFD1-3-030723		1655	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-13
4 SFD2-4-030723		1700	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-14
5 SFD3-4-030723		1707	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-15
6 SFD4-4-030723		1713	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-16
7 FD5-4-030723		1720	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-17
8 FD5-4-030723		1730	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-18
9 Dup2-030723		1740	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	5	X	X	X		-19
10			Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA						-20

Relinquished by:	Date:	Received By:	Date/Time:
	7/24/03	STS	7/24/03 10:40
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G= Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION

2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

Date: 07/23/03

UR307147

☐ Data Requested in GISKey Format

Lab Name: STS Laboratory	URS Project/PO Number: 29868258
Client Name/Project Name/Location:	GeoTracker Information:
URS Project Manager: Craig H.	EDF Reporting: Y N Global ID:
Sampler Name and Signature: J. Liles / S. Turner	COELT Log Number:

Requested Analyses:

Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.	8015M TPH	8015M TPH	8260B BTEX Fuel Oxygenates										HOLD	Special Instructions:
1 SPW-1-030723	7/23/03	1830	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA	5	X	X	X											-20
2 SPE-1-030723		1830	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA	5	X	X	X											-21
3 TB1-030723			Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA	4													X	
4 UP2-3-030723		1735	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA	5	X	X	X											-22
5 UP3-3-030723		1742	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA	5	X	X	X											-23
6			Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															
7			Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															
8			Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															
9			Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															
10			Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															

Relinquished by:	Date: 7/24/03	Received By: STS	Date/Time: 7/24/03	10:50
Relinquished by:	Date:	Received By:	Date/Time:	
Relinquished by:	Date:	Received By:	Date/Time:	

Turnaround Time: (Check)

Same Day: ___ 72 Hour: ___
24 Hour: ___ 5 Day: ___
48 Hour: ___ Standard: ✓

Lab Use Only

Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G= Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Mr. Joe Liles
URS Corporation
2020 E. First Street, Suit 400
Santa Ana, CA 92705

Project: TA Realty (Former Hughes Facility)
Project Site: Irwindale
SSample Date: 08-27-2003
Lab Job No.: UR308148

Dear Mr. Liles:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 08-27-2003 and analyzed by the following EPA methods:

EPA 8021B (BTEX,MTBE)
EPA 8015M (Gasoline)
EPA 8015M (Diesel)
EPA 8260B (GC/MS Confirmation of MTBE)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (323) 888-0728 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-27-2003
Matrix:	Soil	Date Received:	08-27-2003
Preparation Method:	EPA 5035	Date Prepared:	08-27-2003
Batch No.:	AH27-GS1	Date Analyzed:	08-27-2003

EPA 8021B (BTEX, MTBE)/8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Gasoline Range TPH*	Surrog. (BFB) Rec%
Method Detect. Limit (MDL)			0.01	0.005	0.005	0.005	0.015	1.0	Spike Conc. 20 ppb
Method Blank		1	ND	ND	ND	ND	ND	ND	86
SFD2-9.5B-030827	UR308148-1	1	ND	ND	ND	ND	ND	ND	130
SFD2-9.5N-030827	UR308148-2	1	ND	ND	ND	ND	ND	ND	113
SFD3-8.0B-030827	UR308148-3	1	ND	ND	ND	ND	ND	ND	77
SFD3-8.0S-030827	UR308148-4	1	ND	ND	ND	ND	ND	ND	101
FD1/2-9.5B-030827	UR308148-5	1	ND	ND	ND	ND	ND	2.3	105
FD1/2-9.5E-030827	UR308148-6	1	ND	ND	ND	ND	ND	ND	111
FD1/2-9.5N-030827	UR308148-7	1	ND	ND	ND	ND	ND	ND	98
FD1/2-9.5S-030827	UR308148-8	1	ND	ND	ND	ND	ND	ND	100
FD1/2-9.5W-030827	UR308148-9	1	ND	ND	ND	ND	ND	ND	125
FD1/2-9.5E2-030827	UR308148-10	1	ND	ND	ND	ND	ND	ND	110
T2A-21B-030827	UR308148-11	1	ND	ND	ND	ND	ND	ND	110
T2A-21S-030827	UR308148-12	1	ND	ND	ND	ND	ND	ND	122

* Gasoline Range TPH are hydrocarbons in carbon range C4 - C12.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit)

Note: Surrogate recovery acceptable limit: 70-130%.

Phone: (323) 888-0728 Fax: (323) 888-1509

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client: URS Corporation
Project: TA Realty (Former Hughes Facility)
Project Site: Irwindale
Matrix: Soil
Preparation Method: EPA 5035
Batch No.: AH27-GS1

Lab Job No.: UR308148

Date Sampled 08-27-2003
Date Received: 08-27-2003
Date Prepared: 08-27-2003
Date Analyzed: 08-27-2003

EPA 8021B (BTEX, MTBE)/8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Gasoline Range TPH*	Surrog. (BFB) Rec%
Method Detect. Limit (MDL)			0.01	0.005	0.005	0.005	0.015	1.0	Spike Conc. 20 ppb
Method Blank		1	ND	ND	ND	ND	ND	ND	86
T2A-21W-030827	UR308148-13	1	ND	ND	ND	ND	ND	ND	104
T2A-21N-030827	UR308148-14	1	ND	ND	ND	ND	ND	ND	116
T2A-21E-030827	UR308148-15	1	0.021	ND	ND	ND	ND	ND	94
SFD3-8.0E-030827	UR308148-16	1	ND	ND	ND	ND	ND	ND	90
SFD3-8.0W-030827	UR308148-17	1	ND	ND	ND	ND	ND	ND	94
SFD2-9.5S-030827	UR308148-18	1	ND	ND	ND	ND	ND	ND	95
SFD2-9.5E-030827	UR308148-19	1	ND	ND	ND	ND	ND	ND	103
SPW-030827	UR308148-20	1	ND	ND	ND	ND	ND	ND	98
SPE-030827	UR308148-21	1	ND	ND	ND	ND	ND	ND	120
SPS-030827	UR308148-22	1	ND	ND	ND	ND	ND	ND	94
SFD3-8.0N-030827	UR308148-23	1	ND	ND	ND	ND	ND	ND	95

* Gasoline Range TPH are hydrocarbons in carbon range C4 - C12.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

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STS
Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client: URS Corporation
Project: TA Realty (Former Hughes Facility)
Project Site: Irwindale
Matrix: Soil
Batch No.: EH27-DS1

Lab Job No.: UR308148

Date Sampled 08-27-2003
Date Received: 08-27-2003
Date Analyzed: 08-27-2003

EPA 8015M (Diesel Range TPH)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	Diesel Range TPH (C13-C23)	Surrogate Recovery%
Reporting Limit		10	
Method Blank		ND	124
SFD2-9.5B-030827	UR308148-1	ND	94
SFD2-9.5N-030827	UR308148-2	ND	111
SFD3-8.0B-030827	UR308148-3	ND	98
SFD3-8.0S-030827	UR308148-4	ND	98
FD1/2-9.5B-030827	UR308148-5	481	100
FD1/2-9.5E-030827	UR308148-6	ND	96
FD1/2-9.5N-030827	UR308148-7	ND	94
FD1/2-9.5S-030827	UR308148-8	ND	98
FD1/2-9.5W-030827	UR308148-9	ND	96
FD1/2-9.5E2-030827	UR308148-10	11	92
T2A-21B-030827	UR308148-11	ND	94
T2A-21S-030827	UR308148-12	ND	96

ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

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STS
Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-27-2003
Matrix:	Soil	Date Received:	08-27-2003
Batch No.:	EH27-DS1	Date Analyzed:	08-27-2003

EPA 8015M (Diesel Range TPH)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	Diesel Range TPH (C13-C23)	Surrogate Recovery%
Reporting Limit		10	
Method Blank		ND	124
T2A-21W-030827	UR308148-13	ND	96
T2A-21N-030827	UR308148-14	ND	94
T2A-21E-030827	UR308148-15	ND	96
SFD3-8.0E-030827	UR308148-16	ND	99
SFD3-8.0W-030827	UR308148-17	ND	106
SFD2-9.5S-030827	UR308148-18	ND	96
SFD2-9.5E-030827	UR308148-19	ND	98
SPW-030827	UR308148-20	49	98
SPE-030827	UR308148-21	29	92
SPS-030827	UR308148-22	ND	96
SFD3-8.0N-030827	UR308148-23	ND	96

ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

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Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-27-2003
Matrix:	Soil	Date Received:	08-27-2003
Batch No.:	0827-VOBS	Date Analyzed:	08-27-2003

EPA 8260B (GC/MS Confirmation of MTBE)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	MTBE	Surrogate Recovery%
Reporting Limit		0.005	(Dibromofluoromethane)
Method Blank		ND	102
T2A-21E-030827	UR308148-15	ND	102

ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 79-126%.

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Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

EPA 8015M (TPH)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Matrix:	Soil	Sampled ID:	UR308148-12
Batch No.:	EH27-DS1	Date Analyzed:	08-27-2003

I. MS/MSD Report
Unit: ppm

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-D	ND	200	219	220	109.5	110.0	0.5	30	70-130

II. LCS Result
Unit: ppm

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-D	212	200	106.0	80-120

ND: Not Detected (at the specified limit).

Tel: (323) 888-0728 Fax: (323) 888-1509

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

EPA 8021B (BTEX)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Matrix:	Soil	Sampled ID:	UR308148-16
Batch No.:	AH27-BS1	Date Analyzed:	08-27-2003

I. MS/MSD Report
Unit: ppb

Compound	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Benzene	ND	100	115	112	115.0	112.0	2.6	30	70-130
Toluene	ND	100	114	102	114.0	102.0	11.1	30	70-130

II. LCS Result
Unit: ppb

Compound	LCS Report Value	True Value	Rec.%	Accept. Limit
Benzene	22.3	20.0	111.5	80-120
Toluene	20.7	20.0	103.5	80-120

ND: Not Detected (at the specified limit)

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Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

EPA 8260B (MTBE)
Batch QA/QC Report

Client: URS Corporation
Project: TA Realty (Former Hughes Facility)
Matrix: Soil
Batch No.: 0827-VOBS

Lab Job No.: UR308148
Sampled ID: Q308140-1
Date Analyzed: 08-27-2003

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
MTBE	ND	80	83.1	75.7	103.9	94.6	9.4	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
MBTE	72.7	80	90.9	80-120

ND: Not Detected (at the specified limit).

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URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

UR308148

CHAIN OF CUSTODY RECORD

Date: 8/27/03

☐ Data Requested in GISKey Format

UR

Lab Name: STS	URS Project/PO Number:
Client Name/Project Name/Location: TA Reality (Former Hughes Facility)	GeoTracker Information:
URS Project Manager: Tariq Husare	EDF Reporting: Y N Global ID:
Sampler Name and Signature: JL	COELT Log Number:

Requested Analyses:

#	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	8015m TPHd	8015m TPHg	8021	8260 confirmation for MTBE	HOLD	Special Instructions:
1	SFD2-9.5B-030827	8/27/03	0805	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		UR308148-1
2	SFD2-9.5N-030827		0820	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-2
3	SFD3-8.0B-030827		0845	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-3
4	SFD3-8.0S-030827		0853	Y SS N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-4
5	FD1/2-9.5B-030827		0915	Y SS N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-5
6	FD1/2-9.5E-030827		0920	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-6
7	FD1/2-9.5N-030827		0927	Y SS N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-7
8	FD1/2-9.5S-030827		0938	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-8
9	FD1/2-9.5W-030827		0945	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-9
10	FD1/2-9.5E2-030827		0958	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-10

Relinquished by:	Date:	Received By:	Date/Time:
[signature]	8/27/03	[signature] STS	8/27/03 12:20

Turnaround Time: (Check)
Same Day: ___ 72 Hour: ___
24 Hour: + 5 Day: ___
48 Hour: ___ Standard: ___

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G= Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION
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Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

UR308148

CHAIN OF CUSTODY RECORD

Date: 8/27/03

☐ Data Requested in GISKey Format

Lab Name: STS	URS Project/PO Number:
Client Name/Project Name/Location: TA Realty (Former Hughes Facility)	GeoTracker Information:
URS Project Manager: Tariq Hwayne	EDF Reporting: Y N Global ID:
Sampler Name and Signature: JL	COELT Log Number:

	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	Requested Analyses: 8015M TPHd	8015M TPHg	8021	8260 Confirmation MTBE	HOLD	Special Instructions:
1	T2A-21B-030827	8/27/03	10:00	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	7	X	X	X	X		UR308148-1
2	T2A-21S-030827	8/27/03	10:21	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-12
3	T2A-21W-030827		10:23	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-13
4	T2A-21N-030827		10:29	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-14
5	T2A-21E-030827		10:34	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-15
6	SFD3-8.0E-030827		10:42	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-16
7	SFD3-8.0W-030827		10:51	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-17
8	SFD2-9.5S-030827		10:57	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-18
9	SFD2-9.5E-030827		11:00	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-19
10	SPW-030827		1107	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-20

Relinquished by:	Date: 8/27/03	Received By: STS	Date/Time: 8/27/03 12:20
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: + 5 Day: ____
48 Hour: ____ Standard: ____

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G=Gas White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

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Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

UR308148

Date: 8/27/03

☐ Data Requested in GISKey Format

Lab Name: STS.	URS Project/PO Number:
Client Name/Project Name/Location: TA Realty (Former Hughes Facility)	GeoTracker Information:
URS Project Manager: Tariq Hussane	EDF Reporting: Y N Global ID:
Sampler Name and Signature: JL	COELT Log Number:

Requested Analyses:

	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	8015M TPH d	8015M TPH g	8021	8260 Contamination MTBE										HOLD	Special Instructions:
1	SPE-030827	8/27/03	1111	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	4	X	X	X	X											UR 308148-21
2	SPS-030827	8/27/03	1113	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	4	X	X	X	X											-22
3	SFD3-8.0N-030827		10:44	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	4	X	X	X	X											
4				Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA																
5				Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA																
6				Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA																
7				Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA																
8				Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA																
9				Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA																
10				Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA																

Relinquished by:	Date:	Received By:	Date/Time:
[signature]	8/27/03	[signature] STS	8/27/03 12:20
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)

Same Day:	72 Hour:
24 Hour: ✓	5 Day:
48 Hour:	Standard:

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G= Gas White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148A
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-28-2003
Matrix:	Soil	Date Received:	08-28-2003
Preparation Method:	EPA 5035	Date Prepared:	08-28-2003
Batch No.:	AH27-GS1	Date Analyzed:	08-28-2003

EPA 8021B (BTEX, MTBE)/8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Gasoline Range TPH*	Surrog. (BFB) Rec%
Method Detect. Limit (MDL)			0.01	0.005	0.005	0.005	0.015	1.0	Spike Conc. 20 ppb
Method Blank		1	ND	ND	ND	ND	ND	ND	86
FD1,2-11B030828	UR308148-24	1	ND	ND	ND	ND	ND	ND	123

* Gasoline Range TPH are hydrocarbons in carbon range C4 - C12.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

7801 Telegraph Road Suite L, Montebello, CA 90640 Phone: (323) 888-0728 Fax: (323) 888-1509

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148A
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-28-2003
Matrix:	Soil	Date Received:	08-28-2003
Batch No.:	EH27-DS1	Date Analyzed:	08-28-2003

EPA 8015M (Diesel Range TPH)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	Diesel Range TPH (C13-C23)	Surrogate Recovery%
Reporting Limit		10	
Method Blank		ND	124
FD1,2-11B030828	UR308148-24	ND	85

ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

7801 Telegraph Road Suite L, Montebello, CA 90640 Phone: (323) 888-0728 Fax: (323) 888-1509

Southland Technical Services, Inc.
Environmental Laboratories

EPA 8021B (BTEX)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Matrix:	Soil	Sampled ID:	LCS
Batch No.:	AH28-GS1	Date Analyzed:	08-28-2003

LCS/LCSD Report
Unit: ppb

Compound	Sample Conc.	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Benzene	ND	100	120	110	120.0	110.0	8.7	20	80-120
Toluene	ND	100	109	103	109.0	103.0	5.7	20	80-120

ND: Not Detected (at the specified limit)

Southland Technical Services, Inc.
Environmental Laboratories

EPA 8015M (TPH)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Matrix:	Soil	Lab Sample ID:	Q308156-11
Batch No.:	EH28-DS1	Date Analyzed:	08-28-2003

I. MS/MSD Report
Unit: ppm

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-d	ND	200	220	228	110.0	114.0	3.6	30	70-130

II. LCS Result
Unit: ppm

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-d	233	200	116.5	80-120

ND: Not Detected (at the specified limit).

URS CORPORATION

2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

Date: 8/28/03

Page 1 of 1

UR38148-A.

☐ Data Requested in GISKey Format

Lab Name: Southland Technical Services	URS Project/PO Number: 29868258.07000
Client Name/Project Name/Location: TA Realty (Former Hughes Facility	GeoTracker Information:
URS Project Manager:	EDF Reporting Y N Global ID:
Sampler Name and Signature:	COELT Log Number:

Requested Analyses:

	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	8021 (BTEX, MTBE)	8015m (Gasoline)	8015m (Diesel)	8260B (GC/MS Confirmation of MTBE)										HOLD	Special Instructions:
1	FD1.2-11B030828	8/28/03	1100	Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA 3 encore – 1 SS sleeve	4	✓	✓	✓	✓											UR38148A-24
2				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
3				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
4				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
5				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
6				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
7				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
8				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
9				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
10				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																

Relinquished by: [signature]	Date: 8/28/03	Received By: Alan Sun	Date/Time: 8/28/03 1:14
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)

Same Day:	72 Hour:
24 Hour: ✓	5 Day:
48 Hour:	Standard:

Lab Use Only

Cooler Temperature*: 4°C

*Record upon arrival

URS

S=Solid L=Liquid G= Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

APPENDIX F
DATA VALIDATION REPORTS

Level III Data Validation Summary

PROJECT: TA Realty Irwindale
LABORATORY: Southland Technical Services, Inc. (STS)
MATRIX: Soil
LAB PROJECT #: UR307147
SAMPLES: See table below

Field ID	QC Designations	Lab ID	TPH-Gasoline	TPH-Diesel	BTEX, MTBE, Fuel Oxygenates
T1A-17-030723		UR307147-1	X	X	X
T1B-17-030723		UR307147-2	X	X	X
Dup1-030723	Field duplicate of T1B-17-030723	UR307147-3	X	X	X
T2A-17-030723		UR307147-4	X	X	X
T2B-17-030723		UR307147-5	X	X	X
T3B-17-030723		UR307147-6	X	X	X
T3A-17-030723		UR307147-7	X	X	X
UP1-5.5-030723		UR307147-8	X	X	X
FD1-4-030723		UR307147-9	X	X	X
FD2-4-030723		UR307147-10	X	X	X
FD3-4-030723		UR307147-11	X	X	X
FD4-4-030723		UR307147-12	X	X	X
SFD1-3-030723		UR307147-13	X	X	X
SFD2-4-030723		UR307147-14	X	X	X
SFD3-4-030723		UR307147-15	X	X	X
SFD4-4-030723		UR307147-16	X	X	X
FD6-4-030723		UR307147-17	X	X	X
FD5-4-030723		UR307147-18	X	X	X
Dup2-030723	Field duplicate of FD5-4-030723	UR307147-19	X	X	X
SPW-1-030723		UR307147-20	X	X	X
SPE-1-030723		UR307147-21	X	X	X
TB1-030723	Trip Blank				
UP2-3-030723		UR307147-22	X	X	X
UP3-3-030723		UR307147-23	X	X	X

Date Sampled: 7/23/03
TPH-Gasoline= Total petroleum hydrocarbon – gasoline range (C_4-C_{12}), TPH-Diesel= Total petroleum hydrocarbon – diesel range (C_{13}-C_{23})
Fuel Oxygenates = t-butyl alcohol (TBA), t-amyl methyl ether (TAME), di - isopropyl ether (DIPE), ethyl-t-butyl ether (ETBE), Methyl t-butyl ether (MTBE), BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes.
STS is certified by California Department of Health Services, Environmental Laboratory Accreditation Program, ELAP Certificate Number 1986

DATA REVIEW MATRIX

QC Parameter	TPH-Gasoline EPA8015M	TPH-Diesel EPA8015M	BTEX, MTBE, Fuel Oxygenates EPA8260B
Chain-of-custody (COC)	✓	✓	✓
Sample Receipt	✓	✓	✓
Holding Times	✓	✓	✓
Method Blank	✓	✓	✓
Surrogate Recovery	✓	(2)	✓
Laboratory Control Sample	✓	✓	✓
Matrix Spike	✓(1)	✓(3)	✓(4)
Duplicate or Spike Duplicate	✓(1)	✓(3)	✓(4)
Field Duplicate	✓	✓	✓
Trip Blank	NA	NA	NA

✓ = Quality control evaluation criteria met. NA = Not Applicable or Not Analyzed

Notes:

1. MS/MSD was conducted on sample FD3-4-030723. The results were within acceptance criterion.
2. Surrogate recovery was outside of acceptance limits for TPH-diesel analysis for three samples (FD1-4-030723, FD2-4-030723, SFD2-4-030723). Consequently for these samples the TPH-diesel results were qualified as estimated (J) to reflect the potential of high bias.
3. MS/MSD was conducted on sample T1A-17-030723. The results were within acceptance criterion.
4. MS/MSD was conducted on sample T1B-17-030723. The results were within acceptance criterion.

Summary: Based on this Level III validation covering the QC parameters listed in the table above, these data are considered to be useable for meeting project objectives. However, the data user must evaluate the ultimate usability of the data based on the reporting limits obtained. The table below lists the detection limits obtained for undiluted samples.

Analyte	Detection Limits Obtained
TPH-Diesel	10
TPH-Gasoline	1
Benzene, Toluene, Ethyl Benzene	0.002
Total Xylenes	0.004
MTBE	0.005
TBA	0.02
Other Oxygenates	0.005

Soil units are milligrams per kilogram (mg /kg).

Four samples (T1A-17-030723, FD1-4-030723, FD2-4-030723, SFD2-4-030723) required dilution for the EPA 8260B analysis. For these samples, there are also non-detect BTEX and fuel oxygenates results with elevated reporting limits. The data user must evaluate the utility of non-detect BTEX, and fuel oxygenates results with elevated reporting limits.

Level III Data Validation Summary

PROJECT: TA Realty Irwindale
LABORATORY: Southland Technical Services, Inc. (STS)
MATRIX: Soil
LAB PROJECT #: UR308148
SAMPLES: See table below

Field ID	QC Designations	Lab ID	TPH-Gasoline	TPH-Diesel	BTEX, MTBE	MTBE Confirmation
SFD2-9.5B-030827		UR308148-1	X	X	X	
SFD2-9.5N-030827		UR308148-2	X	X	X	
SFD3-8.0B-030827		UR308148-3	X	X	X	
SFD3-8.0S-030827		UR308148-4	X	X	X	
FD1/2-9.5B-030827		UR308148-5	X	X	X	
FD1/2-9.5E-030827		UR308148-6	X	X	X	
FD1/2-9.5N-030827		UR308148-7	X	X	X	
FD1/2-9.5S-030827		UR308148-8	X	X	X	
FD1/2-9.5W-030827		UR308148-9	X	X	X	
FD1/2-9.5SE2-030827		UR308148-10	X	X	X	
T2A-21B-030827		UR308148-11	X	X	X	
T2A-21S-030827		UR308148-12	X	X	X	
T2A-21W-030827		UR308148-13	X	X	X	
T2A-21N-030827		UR308148-14	X	X	X	
T2A-21E-030827		UR308148-15	X	X	X	X
SFD3-8.0E-030827		UR308148-16	X	X	X	
SFD3-8.0W-030827		UR308148-17	X	X	X	
SFD2-9.5S-030827		UR308148-18	X	X	X	
SFD2-9.5E-030827		UR308148-19	X	X	X	
SPW-030827		UR308148-20	X	X	X	
SPE-030827		UR308148-21	X	X	X	
SPS-030827		UR308148-22	X	X	X	
SFD3-8.0N-030827		UR308148-23	X	X	X	
FD1,2-11B030828		UR308148-24	X	X	X	

Date Sampled: 8/27/03 and 8/28/03
TPH-Gasoline= Total petroleum hydrocarbon – gasoline range (C4-C12), TPH-Diesel= Total petroleum hydrocarbon – diesel range (C13-C23)
MTBE = Methyl t-butyl ether , BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes.
STS is certified by California Department of Health Services, Environmental Laboratory Accreditation Program, ELAP Certificate Number 1986

DATA REVIEW MATRIX

QC Parameter	TPH-Gasoline EPA8015M	TPH-Diesel EPA8015M	BTEX, MTBE EPA8021B	MTBE Confirmation EPA 8260B
Chain-of-custody (COC)	✓	✓	✓	✓
Sample Receipt	✓	✓	✓	✓
Holding Times	✓	✓	✓	✓
Method Blank	✓	✓	✓	✓
Surrogate Recovery	✓	✓	✓	✓
Laboratory Control Sample	✓	✓	✓	✓
Matrix Spike	✓(1)	✓(2)	✓(1)	✓(3)
Duplicate or Spike Duplicate	✓(1)	✓(2)	✓(1)	✓(3)

✓ = Quality control evaluation criteria met.

Notes:

1. MS/MSD was conducted on sample SFD3-8.0E-030827. The results were within acceptance criterion.
2. MS/MSD was conducted on sample T2A-21S-030827. The results were within acceptance criterion.
3. MS/MSD was conducted on a non-site related sample matrix; therefore, the MS/MSD results obtained may not be fully representative of the accuracy and precision of the analysis on the site-specific sample matrix.

Summary: Based on this Level III validation covering the QC parameters listed in the table above, these data are considered to be useable for meeting project objectives. However, the data user must evaluate the ultimate usability of the data based on the reporting limits obtained. The table below lists the detection limits obtained for undiluted samples.

Analyte	Detection Limits Obtained
TPH-Diesel	10
TPH-Gasoline	1
Benzene, Toluene, Ethyl Benzene	0.005
Total Xylenes	0.015
MTBE (8021B)	0.01
MTBE (8260B)	0.005

Soil units are milligrams per kilogram (mg /kg).

APPENDIX G

DISPOSAL DOCUMENTATION FOR RINSEATE WATER

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

ICS

See instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC002568008 — Manifest Document No.: 00001
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
TA Associates Realty
1301 Dove St. #860 Newport Beach, Ca 92660

4. Generator's Phone (949) 852-2030

A. State Manifest Document Number: 22403165

B. State Generator's ID:

5. Transporter 1 Company Name: Nieto and Sons Trucking, Inc.

6. US EPA ID Number: CAT080016116

C. State Transporter's ID (Reserved): XXXXXXXXXXXXXXXXXXXX

D. Transporter's Phone: (714) 990-6855

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID (Reserved):

F. Transporter's Phone:

9. Designated Facility Name and Site Address:
DeMenno Kerdoon
2000 N. Alameda Street
Compton, CA 90222

10. US EPA ID Number: CAT080013352

G. State Facility's ID: CAT080013352

H. Facility's Phone: (310) 537-7100

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. NON RCRA HAZARDOUS WASTE LIQUID	001	TT	X750	G	State: 221; EPA/Other: Exempt
b.					State: ; EPA/Other:
c.					State: ; EPA/Other:
d.					State: ; EPA/Other:

J. Additional Descriptions for Materials Listed Above: Job Site Truck Stop 5305 Riverdale Rd Lewindale

K. Handling Codes for Wastes Listed Above: a. R-01 b. c. d.

15. Special Handling Instructions and Additional Information
NO SMOKING
24 Hour Emergency Phone Number : 714-990-6855
Wear Appropriate Protective Clothing

Alternate Disposal Site : Crosby & Overton
1630 W. 17th Street (800) 827-6729
Long Beach, CA 90813 CAD028409019

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: William Schramm — Signature: [signature] — Month 07 Day 23 Year 0

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ken Rodriguez — Signature: [signature] — Month 07 Day 23 Year 0

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: SOPHAL P. SVAY — Signature: Sophal P. Svay — Month 07 Day 24 Year 0

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

22403165

DTSC 8022A (1/99)

APPENDIX H
DISPOSAL DOCUMENTATION FOR SOIL

AZUSA LAND RECLAMATION CO.
1211 W. GLADSTONE
AZUSA CA 91702
626.334.0719

TICKET: 104594
DATE: 08/29/2003
TIME: 08:36 - 08:54

CUSTOMER: 113 / THERMAL REMEDIATION SOLUTIONS
GENERATOR: NA / Non App
ORIGIN: IRW / IRWINDALE
TRUCK: TRS4
COMMENT: DELGADO
CUYDS: 20

P.O.: SR0969
PROFILE #: NA
GROSS: 71880 LBS
LICENSE: 9B98620
TARE: 33440 LBS
NET: 38440 LBS
MANIFEST: 002

WASTE	QUANTITY	UNIT
PCS / CONTAMINATED SOIL	19.22	T

DRIVER:

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

IN: RAFAEL CHAVIRA

OUT: GABRIELA PEDROZA

AZUSA LAND RECLAMATION CO.
1211 W. GLADSTONE
AZUSA CA 91702
626.334.0719

TICKET: 104582
DATE: 08/29/2003
TIME: 07:57 - 08:09

CUSTOMER: 113 / THERMAL REMEDIATION SOLUTIONS — P.O.: SR0969
GENERATOR: NA / Non App — PROFILE #: NA — GROSS: 84400 LBS
ORIGIN: IRW / IRWINDALE — TARE: 30880 LBS
TRUCK: TRS1 — LICENSE: 9B87219 — NET: 53520 LBS
COMMENT: VICTORIA — MANIFEST: 001
CUYDS: 20

WASTE	QUANTITY	UNIT
PCS / CONTAMINATED SOIL	26.76	T

DRIVER:

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

IN: RAFAEL CHAVIRA — OUT: RAFAEL CHAVIRA

(4)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 1.0.2

2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address

THE REALTY ASSOCIATES FUND
5305 RIVERGRADE, IRWINDALE, CA. 91706

4. Generator's Phone (714 - 893-6366 Mr. John White

5. Transporter 1 Company Name: JW. Trucking

6. US EPA ID Number

A. Transporter's Phone: 909-822-2691

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Thermal Remediation Solutions
1211 West Gladstone Street
Azusa, Ca. 91702

10. US EPA ID Number

C. Facility's Phone: 626-338-3939

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON- Hazardous Soils (Petroleum hydrocarbon impacted)	001	D.T.	~~12~~ 18	YD
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Approval # 2003135/SRO969

Site Contact: Howard Jones: 714-920-3819
Site Address: Same

Rule 1166, V.O.C. soils (YES)_____. OR (NO) __X__.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
The Realty Associates Fund V L.P.	[signature] (Agent for Realty Fund V L.P.)	08	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan O. Suarez	[signature]	08	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DANE BROOKS	[signature]	8	29	03

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. . . . . | Manifest Document No. 001 | 2. Page 1 of

3. Generator's Name and Mailing Address
THE REALTY ASSOCIATES FUND
5305 RIVERGRADE, IRWINDALE, CA. 91706
4. Generator's Phone (714 -) 893-6366 Mr. John White

5. Transporter 1 Company Name: JW. Trucking | 6. US EPA ID Number | A. Transporter's Phone: 909-822-2691

7. Transporter 2 Company Name | 8. US EPA ID Number | 8. Transporter's Phone

9. Designated Facility Name and Site Address
Thermal Remediation Solutions
1211 West Gladstone Street
Azusa, Ca. 91702
10. US EPA ID Number | C. Facility's Phone: 626-338-3939

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON- Hazardous Soils (Petroleum hydrocarbon impacted)	001	D.T.	12	YD
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Approval # 2003135/SRO969
Site Contact: Howard Jones: 714-920-3819
Site Address: Same

Rule 1166, V.O.C. soils (YES)_____. OR (NO) X .

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: The Realty Associates Fund L.L.P. | Signature | Month 08 Day 29 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Carlos N. Ruiz | Signature | Month 08 Day 29 Year 03

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 waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: DANE BROOKS | Signature | Month 8 Day 29 Year 03

GENERATOR / TRANSPORTER / FACILITY

Printed by J.J. KELLER & ASSOCIATES, INC.

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

APPENDIX I
SOIL COMPACTION DATA

SMITH-EMERY LABORATORIES
An Independent Commercial Testing Laboratory, Established 1904

September 11, 2003

SEL File No.: 33152-1
SEL Report No.: 03-0697

Innovative Construction Solutions
Attn: John White
7125 Fenwick Lane #0
Westminster, CA 92638

RE: Innovative - Irwindale
5305 Rivergrade Road
Irwindale, CA

SUBJECT: COMPACTION TESTING

REPORT OF TESTS

In compliance with your request, Smith-Emery Laboratories has conducted standard compaction testing for the above referenced project.

Field density tests to determine relative compaction were conducted in accordance with ASTM D2922-91, nuclear method.

Test locations and results are presented on the attached Table 1. Laboratory compaction characteristics of soil tests were performed on representative samples in accordance with, ASTM D2922-91, five layer method. Test results are presented on the attached Table 2.

Respectfully submitted,

SMITH-EMERY LABORATORIES

Danny Randall
Operations Manager

NOTE: This report contains a weekly summary of compaction test results **only** and it should **not** be submitted to City or County grading departments as a certified compaction earth fill report.

DR/brc
cc: 2-Addressee

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SMITH-EMERY LABORATORIES
An Independent Commercial Testing Laboratory, Established 1904

September 11, 2003

SEL File No.: 33152-1
SEL Report No.: 03-0697

RE: Innovative - Irwindale
5305 Rivergrade Road
Irwindale, CA

TABLE NO. 1

ELEVATION KEY		METHOD KEY
SG-Subgrade	FS-Finish Surface	SC-Sandcone
FG-Finish Grade	FAB-Finish Agg. Base	NG-Nuclear Gauge
AB-Aggregate Base	BTM-Bottom	DT-Drive Tube

RESULTS OF DENSITY TESTS

Test No.	Date	Test Type	Elev. Depth (feet)	Moisture Content (%)	Dry Density (pcf)	Relative Compaction Field (%)	Relative Compaction Specified (%)	Soil Type
1	09/02/03	NG	BTM	3.1	114.6	97	90	1
LOCATION: Tank removal backfill East of existing awning								
2	09/02/03	NG	SG-14'	3.5	115.0	97	90	1
LOCATION: Tank removal backfill East of existing awning								
3	09/02/03	NG	SG-12'	2.8	115.7	98	90	1
LOCATION: Tank removal backfill East of existing awning								
4	09/02/03	NG	SG-10'	3.0	112.7	95	90	1
LOCATION: Tank removal backfill East of existing awning								
5	09/02/03	NG	SG-8'	3.2	111.2	94	90	1
LOCATION: Tank removal backfill East of existing awning								
6	09/02/03	NG	SG-6'	3.0	109.3	93	90	1
LOCATION: Tank removal backfill East of existing awning								
7	09/02/03	NG	SG-4'	2.9	113.1	96	90	1
LOCATION: Tank removal backfill East of existing awning								
8	09/02/03	NG	SG-2'	3.6	111.7	95	90	2
LOCATION: Tank removal backfill East of existing awning								
9	09/02/03	NG	FS	3.3	108.8	92	90	1
LOCATION: Tank removal backfill East of existing awning								
10	09/02/03	NG	FS	3.5	115.8	98	90	1
LOCATION: Dispenser Trench								

END of Table 1

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SMITH-EMERY LABORATORIES
An Independent Commercial Testing Laboratory, Established 1904

September 11, 2003

SEL File No.: 33152-1
SEL Report No.: 03-0697

RE: Innovative - Irwindale
5305 Rivergrade Road
Irwindale, CA

TABLE NO. 2

RESULT OF LABORATORY COMPACTION CHARACTERISTICS OF SOIL TESTS

Soil Type	Description	Maximum Dry Density (PCF)	Optimum Moisture, (%)
#1	Sand w/ cobble	4.5	117.6

End of TABLE 2

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URS



DUPLICATE

2020 East First Street, Suite 400 • Santa Ana, California 92705
www.urscorp.com

URS

PROJECT REPORT
UST REMOVAL
FORMER HUGHES FAMILY MARKET
5305 RIVERGRADE ROAD
IRWINDALE, CALIFORNIA
FOR THE REALTY ASSOCIATED FUND V, L.P.

URS PROJECT NO. 29868258

NOVEMBER 3, 2003

RECEIVED
DEC 0 1 2003
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

SCANNED
TO
SEP
AK

URS

November 6, 2003

Mr. Ronnie Iyer
County of Los Angeles
Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RE: Project Report: Underground Storage Tank Removal
5305 Rivergrade Road
Irwindale, CA 91706
DPW Permit Application No. 373090
CUPA No. W819505
For The Realty Associated Fund V, L.P.

Dear Mr. Iyer:

Please find enclosed one copy the Underground Storage Tank Removal Report for the above referenced site. The project reports have been submitted for your review on behalf of The Realty Associated Fund V, L.P. Please contact me at (714) 433-7622 if you have any questions or require additional information.

Sincerely,
URS Corporation

S Tariq Hussain
Project Manager

cc: Mr. Scott Amling, TA Realty
Mr. Emil Wohl, Wohl Properties
County of Los Angeles Fire Department
Regional Water Quality Control Board, Los Angeles Region

URS Corporation
2020 East First Street, Suite 400
Santa Ana, CA 92705
Tel: 714.835.6886
Fax: 714.667.7147

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Executive Summary

The former Hughes Family Markets distribution center and warehouse located at 5305 Rivergrade Road in the City of Irwindale, California, operated a gas station to serve the requirements of company vehicles. Hughes Family Markets was sold to the Ralph's Grocery chain and the assets of Hughes Family Markets integrated into the Ralph's system. The warehouse located at Rivergrade Road was surplus to Ralph's operations and was sold to The Realty Associates Fund V, L.P. (owners). The owners did not need an operational Gas station on their property for their current needs and to comply with State and County regulations a decision was made to remove the three Underground Storage Tanks (UST) and related piping and apply for regulatory closure.

Three 12,000-gallon USTs were removed from the 5305 Rivergrade location (Site) under a permit from the County of Los Angeles Department of Public Works, Environmental Programs Division (LADPW) on July 23, 2003. Two of the three USTs removed were used to store diesel fuel and one was used to store unleaded gasoline. The USTs were "double-walled Plasteel with appropriate alarms, spill containment, and overflow protection devises installed to ensure against spills and leaks from the operating systems. These USTs were reportedly installed in 1992 and were last used in 1997-1998.

All operations related to the removal of the USTs were conducted in the presence of the inspector from LADPW. The USTs were not damaged or otherwise compromised and there were no signs of leakage from the USTs. In addition the soil removed from the excavation did not show any discoloration or significant odor. Groundwater was not encountered in any of the excavations. Based on data from surrounding areas the depth to groundwater beneath the site is estimated to be approximately 200 feet below ground surface.

Per the requirements of the UST closure permit, soil samples were obtained from beneath the removed USTs, product piping, and fuel dispensers using an excavator and/or backhoe. Six samples and one duplicate sample were collected underneath the former USTs at a depth of 17 feet below ground surface (bgs). Ten samples and one duplicate sample were collected from beneath the former fuel dispensers at 4 feet bgs with the exception of the sample taken beneath the satellite fuel dispenser #1, which was taken at 3 feet bgs. Three samples were collected from selected locations beneath removed product piping at depths of 3 to 5½ feet bgs. In addition the soil removed from the UST excavation was staged on the surface. To check the quality of the excavated material two composite samples were taken from the excavated soil stockpile. All soil samples were analyzed for volatile organic compounds (VOCs) and were collected with Encore™ samplers in accordance with the current EPA method 5035 protocol required by the Regional Water Quality Control Board, Los Angeles Region (RWQCB).

The soil samples were analyzed in a fixed laboratory for total petroleum hydrocarbons as gasoline (TPHg) and diesel fuel (TPHd), by EPA Method 8015M, and for volatile fuel constituents benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates Methyl tert-Butyl Ether (MTBE), Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME) and tert-Butanol (TBA) by EPA Method 8260B.

BTEX, DIPE, ETBE, TAME, and TBA, were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from dispenser 5 which contained 0.003 mg/kg of toluene. MTBE was detected in soil samples at concentrations ranging from 0.014 to 0.071 mg/kg at locations under dispenser 5 and the tank 1 excavation respectively. TPHg was detected in three soil samples at concentrations ranging from 1 mg/kg to 305 mg/kg. TPHd was detected in six soil samples at concentrations ranging from 10 mg/kg to 6,340 mg/kg.

Following a review of the laboratory data, it was decided to excavate the areas showing signs of petroleum hydrocarbon impacts to reduce the chances of soil remediation in the future. The next round of excavation for impacted soil was conducted on August 27, 2003 in the area of fuel dispensers 1 and 2, satellite fuel dispensers 2 and 3, and UST T2. The objective of this operation was to remove accessible soil affected with petroleum hydrocarbons prior to backfilling and repaving the former UST and fuel dispensing area. Soil was removed to a depth of several feet below the previous soil sampling locations. Specifically the soil beneath fuel dispensers 1 and 2 was removed to a depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 2 was removed to depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 3 was removed to a depth of approximately 8 feet bgs. Soil beneath removed UST T2 was removed to a depth of approximately 21 feet bgs. Following this round of excavation soil samples were taken from the bottom and sides of the excavation to verify soil conditions. All soil sampling were conducted per RWQCB protocols.

A review of laboratory analytical results for soil samples collected August 27, 2003 indicated further excavation was required in selected areas. This led to additional several feet of soil being removed from the areas of fuel dispenser 1 and fuel dispenser 2 on September 28, 2003. Additional soil was removed from the bottom of the excavation to a depth of approximately 11 feet bgs. Following this round of excavation soil samples were taken from the excavation areas to confirm that impacted soil was removed from the area. Five samples were collected in the vicinity of the former UST tank number 2. Sixteen samples were collected from beneath the former fuel dispensers at various depths. Three samples were taken from the excavated soil stockpile for disposal characterization.

Approximately 47 tons of petroleum hydrocarbon affected soil excavated from the areas of the UST T2 and fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 was transported to Thermal Remediation Solutions in Azusa, California for disposal/recycling.

Confirmatory sampling provided the following results: BTEX and MTBE were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from beneath UST T2 which contained 0.021 mg/kg of MTBE. However, this sample was re-analyzed for MTBE by EPA method 8260B and the MTBE detection was not confirmed and therefore is not considered valid. TPHg was detected in one soil sample collected beneath fuel dispensers 1 and 2 at concentration of 2.3 mg/kg. TPHd was detected in soil samples at concentrations ranging from 11 mg/kg to 481 mg/kg. It should be noted that additional soil was excavated in the area of the 481 mg/kg detection, and a second confirmation sample collected from this location yielded a non-detect concentration of TPHd.

Confirmation samples collected from the excavations indicate the residual concentrations of TPHd remaining in soil do not exceed 15 mg/kg. Residual concentrations of toluene remaining in soil do not

exceed 0.003 mg/kg. Residual concentrations of MTBE remaining in soil do not exceed 0.071 mg/kg. During the field work it was decided that the residual concentrations were not high enough to warrant further excavation, especially when the excavation was caving in and undermining the concrete slab adjacent to the excavation.

The residual concentrations of toluene detected in soil are below USEPA Preliminary Remediation Goals (PRGs). There are no published PRGs for TPH. However, the residual concentrations of TPHd remaining in soil are several orders of magnitude below the Maximum Soil Screening Levels for Soils Above Drinking Water Aquifers provided in the *Interim Site Assessment and Cleanup Guidebook* (RWQCB, 1996). The published soil screening levels for TPH have since been rescinded but are still observed by multiple oversight agencies.

Because of its potential effects on groundwater quality, MTBE was further evaluated. The residual concentrations of MTBE detected in soil are below USEPA PRGs and above California Drinking Water Maximum Contaminant Levels (MCLs), *if these concentrations were found dissolved in water*. Based on field observations, the MTBE detections were rapidly decreasing with depth and the residual concentrations left is place are likely below detectable concentrations well before 50 feet bgs. If the distance to groundwater is greater than 150 feet from the last MTBE detection, an average attenuation factor (AF) of 19 can be used based on Site lithology of 50% sand and 50% gravel (RWQCB, 1996). A Site specific soil cleanup screening level can be calculated by multiplying the AF by the MCL (19 x 0.013 mg/L). The resulting soil cleanup screening level of 0.247 mg/L is applicable for soil from ground surface to 50 feet below ground surface and is an order of magnitude higher than the residual MTBE concentration detected in shallow soil onsite.

Based on this analysis the residual concentrations of TPHd, toluene, and MTBE are not human health or ecological risk, nor do they pose a threat to drinking water resources beneath the site. This report recommends that no further regulatory action be required in relation to the removed USTs and fuel dispensing systems on the Site.

1.0 INTRODUCTION

On July 23, 2003, URS Corporation (URS) removed three 12,000-gallon underground storage tanks (USTs) at the above-referenced property (Site). URS personnel conducted the UST removals in accordance with the guidelines and under regulatory oversight of the County of Los Angeles Department of Public Works, Environmental Programs Division (LADPW). A copy of the LADPW UST removal permit is provided in Appendix A. This report, prepared by URS on behalf of The Realty Associated Fund V, L.P., details the field activities and results of analytical data collected during the UST removal and subsequent soil excavation project.

The former Hughes Family Market distribution center and warehouse is located at 5305 Rivergrade Road in the City of Irwindale, California (Figure 1). The Site is bounded by the San Gabriel Riverbed to the northwest, by Rivergrade Road to the south and southeast, by Arrow Highway to the northeast, by the 605 Freeway to the west. The Santa Fe Flood Control Basin is located directly north of the Site.

Harding Lawson Associates (HLA) initially conducted a site reconnaissance as part of an Environmental Site Assessment (ESA) on November 19, 1999 (HLA, January 10, 2000). Site reconnaissance identified the presence of three 12,000-gallon fuel USTs. Two of the USTs were used to store diesel fuel and one was used to store unleaded gasoline. The USTs, dispensers, and associated piping were located to the southeast of the truck maintenance facility (Figure 2). The USTs were reported to be "double-walled Plasteel with appropriate alarms, spill containment, and overflow protection." Per the HLA ESA report, these USTs were installed in 1992 and were last used by Hughes Family Market in 1997 or 1998.

2.0 GEOLOGY AND HYDROGEOLOGY

The former Hughes Family Market distribution center and warehouse is located at 5305 Rivergrade Road in the City of Irwindale, California (Figure 1). The Site is bounded by the San Gabriel Riverbed to the northwest, by Rivergrade Road to the south and southeast, by Arrow Highway to the northeast, by the 605 Freeway to the west. The Santa Fe Flood Control Basin is located directly north of the Site.

The Site is located the northern half of the San Gabriel Valley approximately 3½ miles from the southern flank for the San Gabriel Mountains. Recent alluvium composed of unconsolidated deposits of gravel and sand occurs at ground surface in the area of the Site. Soil encountered in the UST excavations consisted of sands with gravel. Boring log data for the vicinity indicates that primarily gravel or gravel and sand are present to the total depths of 300 to 500 feet below ground surface (bgs) in the site vicinity. Alluvial deposits consisting primarily of gravel, sand, silt, and clay are estimated to extend to depths of 1,000 to 2,000 feet bgs in the Site vicinity. Idealized cross-sections indicate the middle and upper Miocene age Puente and Topanga Formations underlie the alluvial deposits to undetermined depths. The Topanga and Puente Formations are marine deposits consisting of interbedded siltstones, sandstones, conglomerates, and shale (State of California DWR, 1966).

Hydrogeologically, the Site located in the central area of the San Gabriel Valley groundwater basin. The basin is bounded on the north by the San Gabriel Mountains, on the east by uplifted subsurface bedrock between San Dimas and La Verne, on the southeast, south and west by the San Jose, Puente, Merced, and Repetto Hills, and on the northwest by the Raymond fault. The primary water bearing formations within the basin consist of unconsolidated and semi-consolidated Holocene and Pleistocene age sediments (State of California DWR, 1966).

Los Angeles County Well #4239H is located approximately 1700 feet southeast of the site (Figure 1). Depth to groundwater in the well was last measured May 1, 2003 at 214.2 feet bgs (LADPW, September 2003). Based on this data, the depth to groundwater beneath the Site is estimated to be approximately 200 feet bgs. Based on the regional topography the direction of groundwater flow in the Site vicinity is estimated to be south-southwest.

3.0 SCOPE OF WORK

The project was managed and field activities were supervised by URS personnel under the direction of a California Registered Geologist. The UST excavation and removal services were performed by URS subcontractor, Innovative Construction Solution (ICS), Inc., a state-licensed contractor with hazardous substance removal certification (License No. 764815). Nieto and Sons Trucking, Inc. was subcontracted by ICS to render the USTs inert, cut openings, pressure wash and triple rinse the interior of the USTs, and lift the USTs out of the excavation onto a flatbed truck for transportation and disposal. Methods utilized to excavate, remove, and dispose of the USTs are provided in the following sections.

3.1 HEALTH AND SAFETY PLAN

Prior to initiating the field activities, a site-specific health and safety plan was prepared that:

- Identified and described potentially hazardous substances that could have been encountered during field operations.
- Specified protective equipment and clothing for onsite activities.
- Outlined measures to be implemented in the event of an emergency.

Field personnel were required to review the health and safety plan prior to commencing with field activities. In addition, health and safety briefings were conducted during the course of field activities. A copy of the health and safety plan was kept onsite during field activities and is archived in the project files.

3.2 UTILITY CLEARANCE

In accordance with California Assembly Bill AB 73, Underground Services Alert (USA) was notified of our intent to conduct subsurface excavation at least 48 hours prior to initiation of intrusive field tasks. The proposed location of subsurface excavation was clearly marked with white paint as required by California Code 4216. USA contacted utility owners of record within the vicinity and notified them of our intention to conduct subsurface excavation in proximity to buried utilities. The utility owners of record, or their designated agents, clearly marked the position of their utilities on the ground surface throughout the area designated for excavation.

3.3 SITE SECURITY

The USTs were located on the southeast side of the truck maintenance facility (Figure 2). The Site has restricted access and is secured with fences, gates, and walls in excess of six feet tall and is not accessible to the public. Therefore, barricades and caution tape were used to delineate work zones, soil stockpiles, and open excavations within the secured loading dock area.

3.4 AIR MONITORING

Soil excavation during the UST removal was monitored in accordance with a South Coast Air Quality Management District (SCAQMD) Mitigation Plan (No. 406479) for excavation and handling VOC-impacted soils. Advance notifications were made to the SCAQMD by URS prior to startup. Soil monitoring records were maintained in accordance with AQMD Rule 1166. A copy of the SCAQMD Mitigation Plan and Rule 1166 Soil Monitoring Records are included as Appendix B. Continuous air monitoring was also conducted for worker safety.

3.5 UST EXCAVATION AND REMOVAL

Concrete overlying the UST was saw cut and removed during July 22, 2003. The removed concrete and asphalt was stockpiled onsite and subsequently disposed of as construction waste. Following concrete and asphalt removal, soil overlying the USTs was excavated using an excavator (Photographs 1 and 2). Soil excavation was conducted in accordance with SCAQMD Rule 1166 requirements (Appendix B). Excavated soil was placed on 6-millimeter polyethylene sheeting and were located a minimum distance of 4 feet from the edge of the excavation.

After the USTs were exposed and degassed, openings were cut on the tops of the USTs, and the interior of the USTs were pressure-washed and triple-rinsed (Photographs 3, 4, and 5). Following pressure washing, the USTs were inspected and determined to be non-hazardous for transportation and disposal by a certified marine chemist. A copy of the marine chemist certification is provided as Appendix C. A crane was used to lift the USTs out of the excavation, where they were cleaned of excess soil, and loaded onto a flatbed truck for transport to, and disposal at, Ecology Auto Parts in Santa Fe Springs, CA (Photographs 6 through 9). A copy of the certificate of destruction for the USTs is provided in Appendix D. The USTs appeared to be in good condition with no visible holes observed in the USTs during excavation and removal.

3.5.1 Piping and Dispenser Removal

The product and vent piping associated with the USTs were excavated with a backhoe, rinsed, and removed (Photographs 10, 11, and 12). The piping appeared to be in good condition with no visible holes observed in the piping. The removed piping was disposed with the USTs. Fuel dispensers were also removed from the site (Photograph 13).

3.5.2 Sampling Program

Soil samples were obtained from beneath the removed USTs, product piping, and fuel dispensers using an excavator or backhoe. Soil samples were collected from soil within the center of the excavator or backhoe bucket. Sampling equipment was cleaned using a dilute Alconox solution followed by rinsing with fresh water, final rinsing with distilled water, and air-drying. Soil samples analyzed for volatile organic compounds (VOCs) were collected using Encore™ samplers the current EPA method 5035 protocol required by the Regional Water Quality Control Board, Los Angeles Region (RWQCB).

Soil samples were properly sealed, labeled, and recorded on a chain of custody document (Appendix E). The sample labels affixed to the samples included the following information; sample designation, sample

number, sample depth, date, collector initials, site/client name, and time of collection. The sealed and labeled samples were placed in an ice chest maintained at a temperature of three to seven degrees centigrade and transported, under chain of custody, to Southland Technical Services, Inc. (STS) in Montebello California. STS is a California Department of Health Services accredited laboratory (Cert. No. 1986).

Soil samples were collected from beneath the removed USTs, product piping, and fuel dispensers during July 23, 2003. Six samples and one duplicate sample were collected underneath the former UST tanks at 17 feet bgs. Ten samples and one duplicate sample were collected from beneath the former fuel dispensers at 4 feet bgs with the exception of the sample taken beneath the satellite fuel dispenser #1, which was taken at 3 feet bgs. Three samples were collected from selected locations beneath removed product piping at depths of 3 to 5½ feet bgs. Two composite samples were taken from the excavated soil stockpile. The soil sample locations are shown on Figure 3.

3.5.3 Laboratory Analysis

The soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) and diesel fuel (TPHd), by EPA Method 8015M. The soil samples were also analyzed for volatile fuel constituents benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates Methyl tert-Butyl Ether (MTBE), Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME) and tert-Butanol (TBA) by EPA Method 8260B.

A summary of soil analytical results is included as Table 1. Laboratory reports and chain-of-custody documentation are included as Appendix E. BTEX, DIPE, ETBE, TAME, and TBA, were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding FD5-4-030723 which contained 0.003 mg/kg of toluene. MTBE was detected in soil samples at concentrations ranging from 0.014 to 0.071 mg/kg at locations FD5-4-030723 and T1A-17-030723, respectively. TPHg was detected in three soil samples at concentrations ranging from 135 mg/kg to 305 mg/kg. TPHd was detected in six soil samples at concentrations ranging from 10 mg/kg to 6,340 mg/kg.

URS conducted a check of data completeness for the analytical laboratory reports. Results indicate "these data are usable, as qualified, for their intended purpose". A copy of URS's Data Validation Memo is included in Appendix F.

3.6 Excavation Of Soil

Additional soil excavation was conducted September 27, 2003 in the area of fuel dispensers 1 and 2, satellite fuel dispensers 2 and 3, and UST T2 (Figure 2) to remove accessible soil affected with petroleum hydrocarbons prior to backfilling and repaving. Soil was removed to a depth of several feet below the previous soil sampling locations. Soil beneath fuel dispensers 1 and 2 was removed to a depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 2 was removed to depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 3 was removed to a depth of approximately 8 feet bgs. Soil beneath removed UST T2 was removed to a depth of approximately 21 feet bgs. The areas of additional excavation are shown on Figure 4.

Following review of laboratory analytical results for soil samples collected September 27, 2003, An additional several feet of soil was removed from the areas of fuel dispenser 1 and 2 on September 28, 2003. Additional soil was removed from the bottom of the excavation to a depth of approximately 11 feet bgs.

Excavated soil was placed on, and covered with 6-millimeter polyethylene sheeting and located a minimum distance of 4 feet from the edge of the excavations. The soil was subsequently transported offsite to an appropriate disposal/recycling facility.

3.6.1 Confirmation Sampling Program

Soil samples were collected from the excavation during August 27 and 28, 2003. Five samples were collected in the vicinity of the former UST tank number 2. Sixteen samples were collected from beneath the former fuel dispensers at various depths. Three composite samples were taken from the excavated soil stockpile for disposal characterization. The soil sample locations for the fuel dispenser and UST excavations are shown on Figure 4.

Soil samples were collected from the sidewalls and bottoms of the excavations using an excavator or backhoe. Soil samples were collected from soil within the center of the excavator or backhoe bucket. Sampling equipment was cleaned using a dilute Alconox solution followed by rinsing with fresh water, final rinsing with distilled water, and air-drying. Soil samples analyzed for VOCs were collected using Encore™ samplers the current EPA method 5035 protocol required by the RWQCB.

Soil samples were properly sealed, labeled, and recorded on a chain of custody document as described in Section 3.5.2. The sealed and labeled samples were placed in an ice chest maintained at a temperature of three to seven degrees centigrade and transported, under chain of custody, to STS laboratories.

3.6.2 Laboratory Analysis

The soil samples were analyzed for TPHg and TPHd, by EPA Method 8015M. The soil samples were also analyzed for BTEX and MTBE by EPA Method 8021. MTBE detections were confirmed by EPA Method 8260B.

A summary of soil analytical results for the confirmation samples is provided as Table 2. Laboratory reports and chain-of-custody documentation are included as Appendix E. BTEX and MTBE were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding T2A-21E-030827 which contained 0.021 mg/kg of MTBE. However, this sample was re-analyzed for MTBE by EPA method 8260B and the MTBE detection was not confirmed and therefore is not considered valid. TPHg was detected in soil sample collected at FD1/2-9.5B-030827 at concentration of 2.3 mg/kg. TPHd was detected in soil samples at concentrations ranging from 11 mg/kg to 481 mg/kg. It should be noted that additional soil was excavated in the area of the 481 mg/kg detection.

Laboratory reports and chain-of-custody documentation are included as Appendix E. URS conducted a check of data completeness for the analytical laboratory reports. Results indicate "these data are usable,

as qualified, for their intended purpose". A copy of URS's Data Validation Memo is included in Appendix F.

3.7 WASTE MANAGEMENT

The USTs, rinseate fluids, and excavated soils were disposed of at appropriate facilities as determined from field observations and waste profiling. Nieto and Sons Trucking, Inc. recovered approximately 750 gallons of water from the UST during the pressure wash and triple rinse. The rinseate water from the USTs and product piping was transported by Nieto and Sons Trucking, Inc. to DeMenno Kerdooon in Compton, California for disposal. A copy of the uniform hazardous waste manifest for the disposal of the rinseate water is provided as Appendix G.

Approximately 46 tons of petroleum hydrocarbon affected soil excavated from the areas of the UST T2 and fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 was transported to Thermal Remediation Solutions in Azusa, California for disposal/recycling. The disposal/recycling certificate for the soil is provided as Appendix H.

3.8 BACKFILL AND RESURFACING

The UST and piping excavations were backfilled with stock piled soil from the UST excavation and clean, imported fill. The backfilled soil was compacted to 90% of relative maximum density. The soil compaction data is provided in Appendix I. The excavations were resurfaced with 6-inches of steel reinforced concrete (Photograph 14, 15, and 16).

4.0 DISCUSSION

Three 12,000 gallon USTs historically used to store diesel fuel and unleaded gasoline were removed from the Site July 22, 2003. Analyses results for soil samples collected during the UST removals identified areas beneath UST T2, fuel dispensers 1 and 2, and satellite fuel dispensers 2 and 3 with elevated concentrations of petroleum hydrocarbons. Additional soils were excavated from these areas on September 27 and 28, 2003.

Confirmation samples collected from the excavations indicate the residual concentrations of TPHd remaining in soil do not exceed 15 mg/kg. Residual concentrations of toluene remaining in soil do not exceed 0.003 mg/kg. Residual concentrations of MTBE remaining in soil do not exceed 0.071 mg/kg.

A variety of federal regulations that protect public health and the environment in California are directed by the United States Environmental Protection Agency (USEPA), Region 9. State of California regulations are directed by agencies such as the Department of Health Services (DHS), Department of Toxic Substances Control (DTSC), and the State Water Resources Control Board (SWRCB). USEPA Region 9 has established Preliminary Remediation Goals (PRGs) as tools for evaluating and cleaning up contaminated sites. Furthermore, California state agencies have developed additional cleanup guidance for contaminated soils and groundwater based on human health and ecological risk exposure. Various California cleanup guidance criteria for sites with soil and groundwater contamination typically factor in maximum contaminant levels (MCLs) for drinking water. General guidance criteria such as the USEPA Region 9 PRGs and California drinking water MCLs can be used as a benchmark for evaluating cleanup criteria for a site such as this.

The remaining BTEX and MTBE concentrations detected in soil beneath the former UST and fuel dispensing area of the site and the corresponding regulatory guidance criteria are listed below.

Petroleum Hydrocarbon Constituents Of Concern	Highest Detected Concentration in Soil (mg/kg)	USEPA Region 9 PRGs for Soil				California Drinking Water MCLs (mg/L)
		Health Risk		Protection of Groundwater		
		Res. (mg/kg)	Ind. (mg/kg)	DAF1 (mg/kg)	DAF20 (mg/kg)	
Benzene	<0.005	0.6	1.3	0.002	0.03	0.001
Toluene	0.003	520	520	0.6	12	0.15
Ethylbenzene	<0.005	8.9	20	0.7	13	0.7
Xylenes	<0.010	210	210	10	210	1.75
MTBE	0.071	17	36	--	--	0.013

-- = Not Available

The residual concentrations of toluene detected in soil are below USEPA PRGs and California Drinking Water MCLs. There are no published PRGs or Drinking Water MCLs for TPH. However, the residual concentrations of TPHd remaining in soil are several orders of magnitude below the Maximum Soil Screening Levels for Soils Above Drinking Water Aquifers provided in the *Interim Site Assessment and*

Cleanup Guidebook (RWQCB, 1996). The published soil screening levels for TPH have since been rescinded but are still observed by multiple oversight agencies.

The residual concentrations of MTBE detected in soil are below USEPA PRGs and above drinking water MCLs. Assuming the MTBE detections decrease to below detectable concentrations before 50 feet bgs, and the distance to groundwater is greater than 150 feet from the last MTBE detection, an average attenuation factor (AF) of 19 can be used based on Site lithology of 50% sand and 50% gravel (RWQCB, 1996). A Site specific soil cleanup screening level can be calculated by multiplying the AF by the MCL (19 x 0.013 mg/L). The resulting soil cleanup screening level of 0.247 mg/L is an order of magnitude higher than the residual MTBE concentration detected in soil onsite.

Based on this analysis the residual concentrations of TPHd, toluene, and MTBE are not human health or ecological risk, nor do they pose a threat to drinking water resources beneath the Site. URS recommends that no further regulatory action be required in relation to the removed USTs and fuel dispensing systems on the Site.

5.0 LIMITATIONS

The conclusions presented in this report are professional opinions based solely upon the data described in this report. They are intended exclusively for the purpose outlined herein and the Site location and project indicated. This report was prepared for the sole use and benefit of The Realty Associated Fund, V L.P. The scope of services performed in execution of this project may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

Opinions relating to environmental, geologic, and geotechnical conditions are based on limited data and actual conditions may vary from those encountered at the times and locations where data were obtained. No express or implied representation or warranty is included or intended in this report except that the work was performed within the limits prescribed by The Realty Associated Fund V, L.P. with the customary thoroughness and competence of professionals working in the same area on similar projects.

Please contact us at (714) 835-6886 if you have any comment or questions.

Respectfully submitted,

URS CORPORTATION

CERTIFIED HYDROGEOLOGIST
JOHN SCOTT ROWLANDS
715
Exp 3/31/04
STATE OF CALIFORNIA

J.S. Rowlands, R.G., C.HG.
Senior Project Geologist

S. Tariq Hussain
Project Manager

6.0 REFERENCES

California Department of Water Resources (CDWR), Southern District. *Bulletin No. 104-2, Planned Utilization of the Groundwater Basins San Gabriel Valley, APPENDIX A: Geohydrology*, March 1966.

California Regional Water Quality Control Board (CRWQCB), Los Angeles Region. Interim Site Assessment and Cleanup Guidebook, May 1996.

Harding Lawson Associates (HLA). Environmental Site Assessment, Hughes Distribution Center 5305 Rivergrade Road, Irwindale, California, January 10, 2000.

Los Angeles County Department of Public Works, Groundwater Depths, Phone: (626) 458-6120. Contacted September 9, 2003.

State of California, Department of Health Services (DHS). Drinking Water Standards, Primary Maximum Contaminant Levels (MCLs), January 31, 2001.

United States Environmental Protection Agency (USEPA) Region 9, Preliminary Remediation Goals (PRGs). http://www.epa.gov/region09/waste/sfund/prg/, Oct. 1, 2002.

USGS Topographic Map, 7.5 minute series, Baldwin Park Quadrangle, CA; 1966, photorevised 1981.

TABLES

Table 1
UST Removal Soil Analytical Results
The Realty Associated Fund
Former Hughes Market Facility
5305 Rivergrade Road
Irwindale, California

Sample ID	Sample Date	Notes	Location	LABORATORY ANALYTICAL RESULTS										
				TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
T1A-17-030723	7/23/2003		Below northern end of Tank 1	<1	<10	<0.005	<0.005	<0.005	<0.010	0.071	<0.0125	<0.0125	<0.0125	<0.05
T1B-17-030723	7/23/2003		Below southern end of Tank 1	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
DUP1-030723	7/23/2003	1	Below southern end of Tank 1	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T2A-17-030723	7/23/2003		Below northern end of Tank 2	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T2A-17 (Other end)	7/23/2003	2	Below northern end of Tank 2	--	1,790	<0.002	0.106	0.110	0.68	0.083	<0.005	<0.005	<0.005	<0.020
T2B-17-030723	7/23/2003		Below southern end of Tank 2	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T3B-17-030723	7/23/2003		Below northern end of Tank 3	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T3A-17-030723	7/23/2003		Below southern end of Tank 3	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
UP-1-5.5-030723	7/23/2003		Underground piping	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
UP2-3-030723	7/23/2003		Underground piping	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
UP3-3-030723	7/23/2003		Underground piping	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
FD1-4-030723	7/23/2003		Fuel Dispenser 1	135	2,450	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.100
FD2-4-030723	7/23/2003		Fuel Dispenser 2	168	3,750	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.100
FD3-4-030723	7/23/2003		Fuel Dispenser 3	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
FD4-4-030723	7/23/2003		Fuel Dispenser 4	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
FD6-4-030723	7/23/2003		Fuel Dispenser 6	<1	<10	<0.002	<0.002	<0.002	<0.004	0.05	<0.005	<0.005	<0.005	<0.020
FD5-4-030723	7/23/2003		Fuel Dispenser 5	<1	10	<0.002	0.003	<0.002	<0.004	0.014	<0.005	<0.005	<0.005	<0.020
DUP2-030723	7/23/2003	1	Fuel Dispenser 5	<1	15	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SFD1-3-030723	7/23/2003		Satellite Fuel Dispenser 1	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SFD2-4-030723	7/23/2003		Satellite Fuel Dispenser 2	305	6,340	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.100
SFD3-4-030723	7/23/2003		Satellite Fuel Dispenser 3	1	114	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SFD4-4-030723	7/23/2003		Satellite Fuel Dispenser 4	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SPW-1-030723	7/23/2003		Backfill Stockpile	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SPE-1-030723	7/23/2003		Backfill Stockpile	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020

Notes/Explanations

1 Duplicate sample

2. Analysis results from soil sample tube and not Encore™ samples.

mg/kg = milligrams/kilogram

'--' = Not analyzed

TPHg = Total Petroleum Hydrocarbonsas gasoline range hydrocarbons by EPA Method 8015 (modified)

TPHd = Total Petroleum Hydrocarbonsas diesel range hydrocarbons by EPA Method 8015 (modified).

BTEX, MTBE, ETBE, DIPE, TAME, and TBA by EPA Method 8260B

MTBE - Methyl Tertiary Buthyl Ether

ETBE - Ethyl Tertiary Butyl Ether

DIPE - Di-isopropyl Ether

TAME - Tertiary Amyl Methyl Ether

TBA - Tertiary Butyl Alcohol

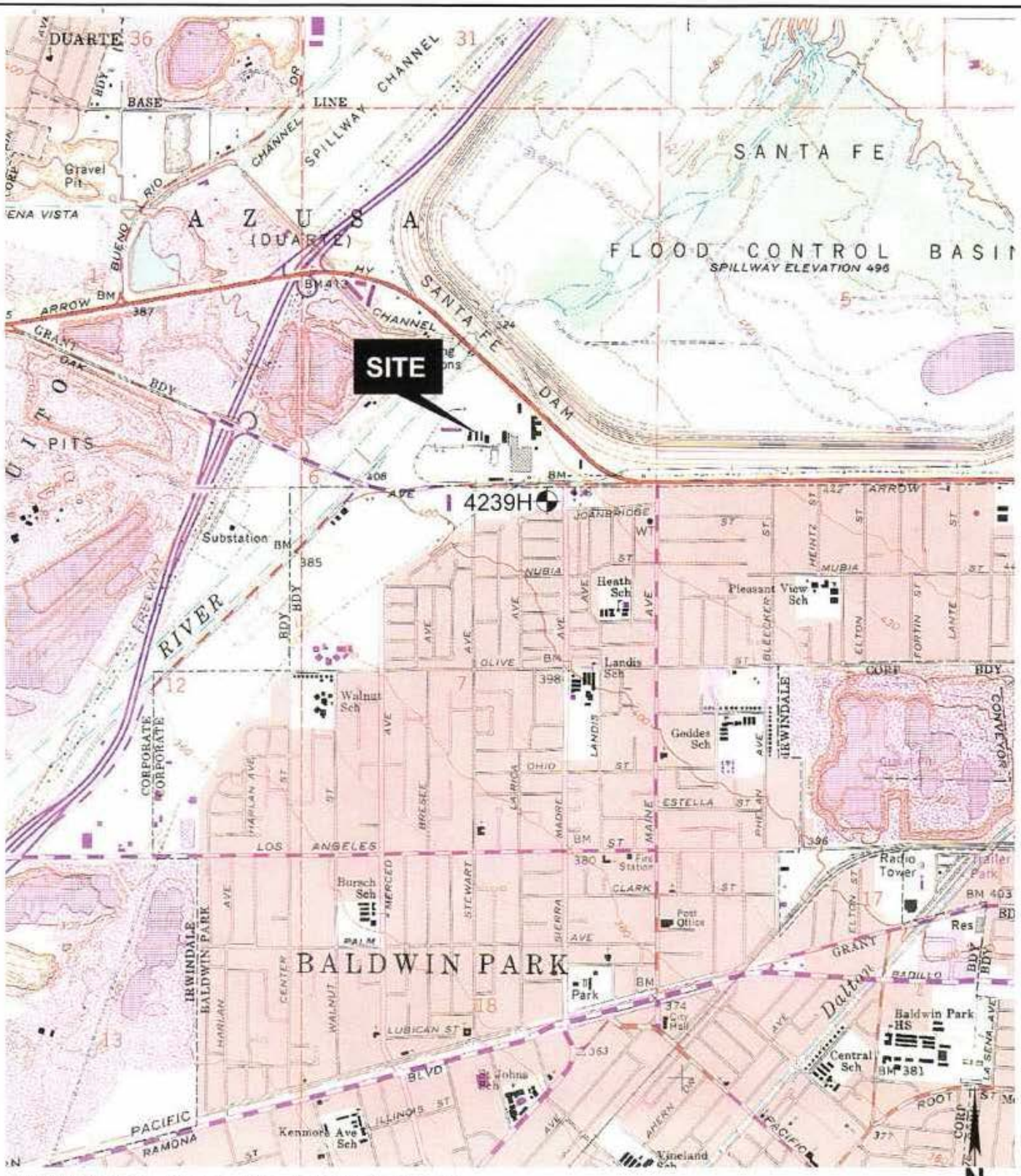
Table 2
Soil Excavation Analytical Results
The Realty Associated Fund
Former Hughes Market Facility
5305 Rivergrade Road
Irwindale, California

Sample ID	Sample Date	Location	LABORATORY ANALYTICAL RESULTS						
			TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)
T2A-21B-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21S-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21W-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21N-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21E-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	**0.021**
SFD2-9.5B-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD2-9.5N-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD2-9.5S-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD2-9.5E-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0B-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0S-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0E-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0W-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0N-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5B-030827	8/27/2003	Fuel Dispensers 1 and 2	**2.3**	**481**	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5E-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5N-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5S-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5W-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5E2-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	**11**	<0.005	<0.005	<0.005	<0.015	<0.01
SPW-030827	8/27/2003	Offhaul Stockpile	<1	**49**	<0.005	<0.005	<0.005	<0.015	<0.01
SPE-030827	8/27/2003	Offhaul Stockpile	<1	**29**	<0.005	<0.005	<0.005	<0.015	<0.01
SPS-030827	8/27/2003	Offhaul Stockpile	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-11B-030828	8/28/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01

Notes/Explanations:

mg/kg = milligrams/kilogram
TPHg = Total Petroleum Hydrocarbonsas gasoline range hydrocarbons by EPA Method 8015 (modified).
TPHd = Total Petroleum Hydrocarbonsas diesel range hydrocarbons by EPA Method 8015 (modified).
BTEX and MTBE by EPA Method 8021B with 8260B confirmantion for MTBE
MTBE - Methyl Tertiary Buthyl Ether

FIGURES



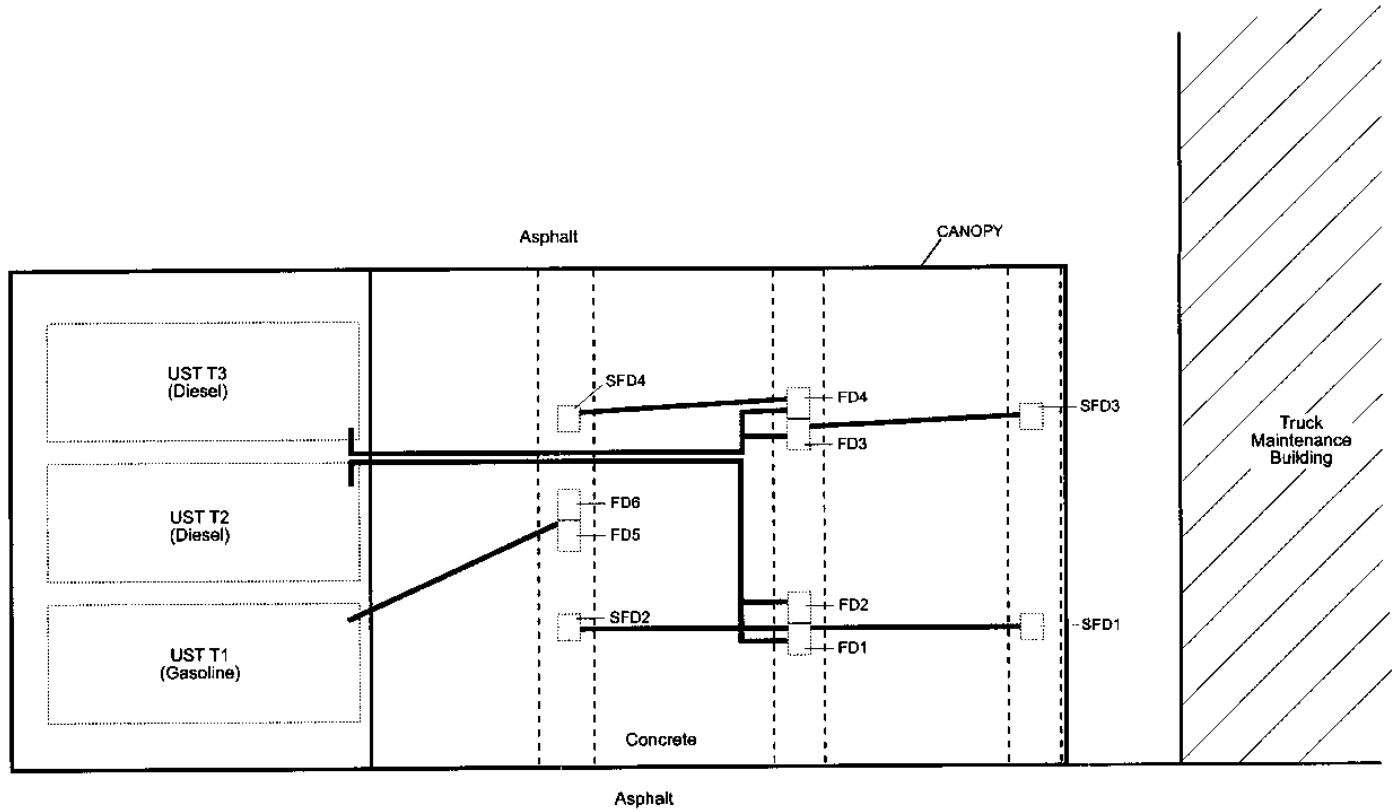
REFERENCE: USGS 7.5 Minute Series Baldwin Park, CA Quad, Photorevised 1981

SITE VICINITY MAP

Project No.: 29868258	Date: NOVEMBER 2003	Project: THE REALTY ASSOCIATED FUND	Figure 1

URS

L:/realty associated fund/site vic map.fh10 8/03



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping

N

0 10' 20'

Scale in Feet

SITE PLAN

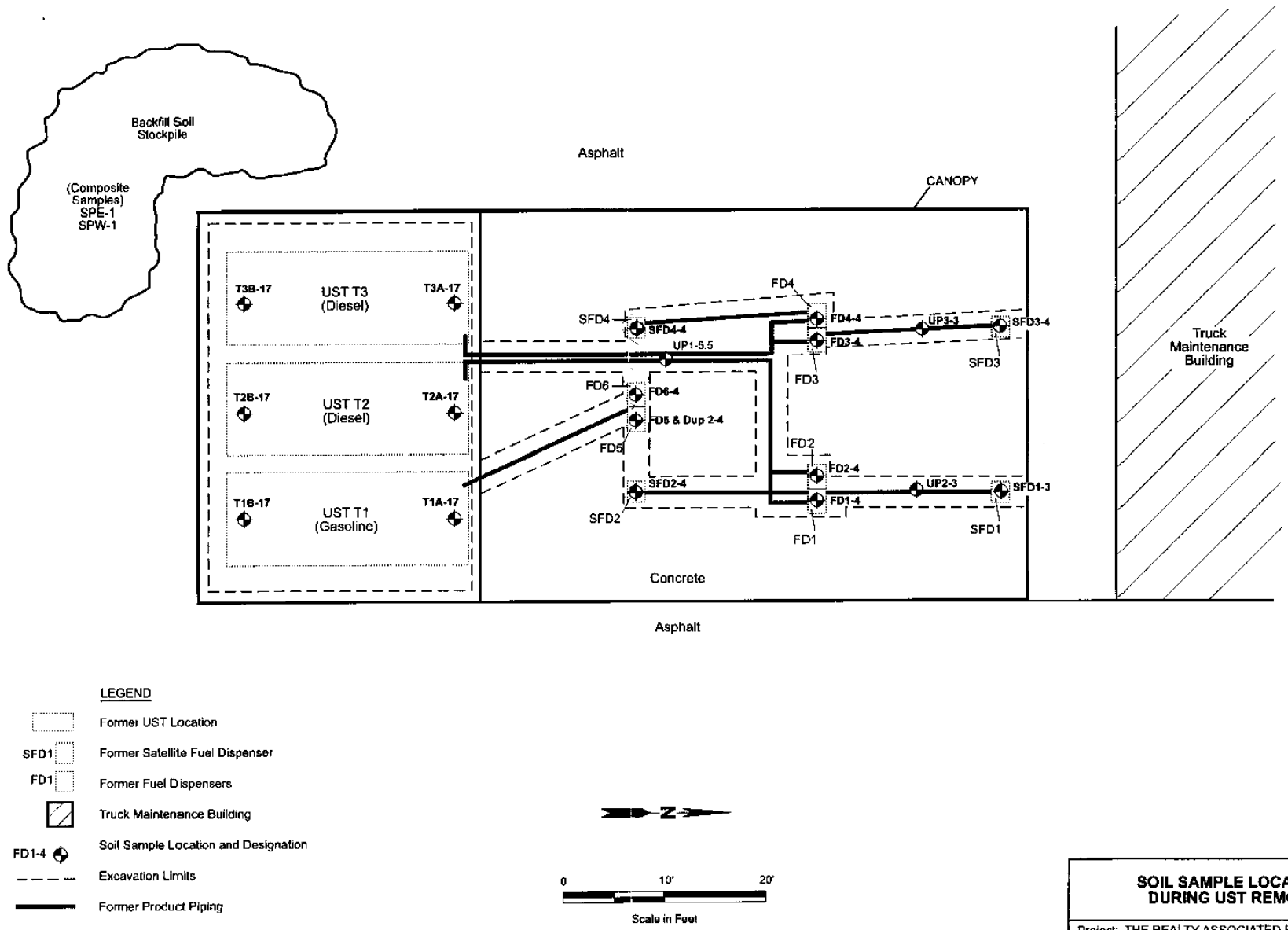
Project: THE REALTY ASSOCIATED FUND

Project No.: 29868258

Date: NOVEMBER 2003

Figure 2

URS



SOIL SAMPLE LOCATIONS DURING UST REMOVAL

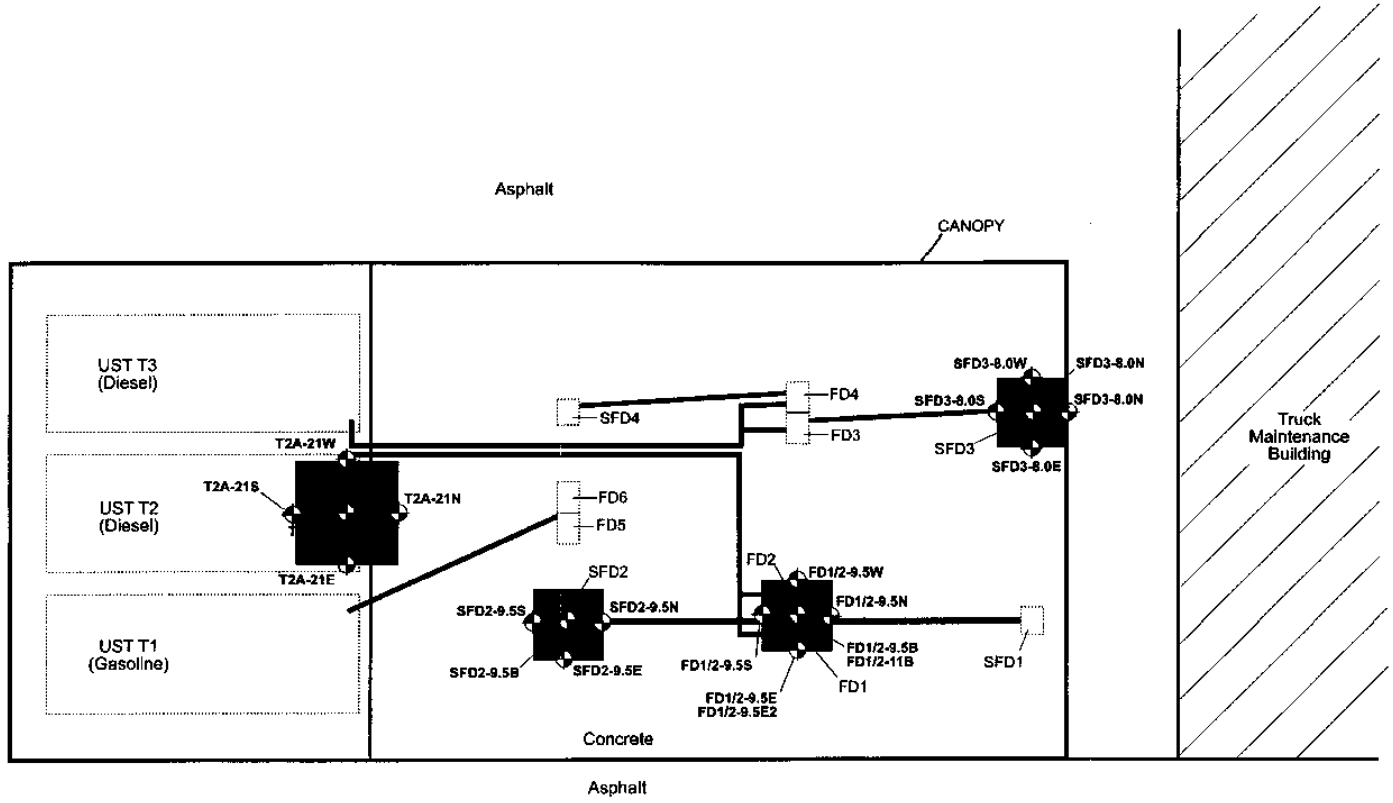
Project: THE REALTY ASSOCIATED FUND

Project No.: 29868258

Date Sampled: JULY 23, 2003

Figure 3

URS



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping
- T2A-21N — Soil Sample Location and Designation
- Limit of Soil Excavation

N

0 10' 20'

Scale in Feet

SOIL EXCAVATION AREAS AND CONFIRMATION SAMPLE LOCATIONS

Project: THE REALTY ASSOCIATED FUND

Project No.: 29868258

Date Sampled: 7/23/03 and 8/27-8/28/03

Figure 4

URS

PHOTOGRAPHS



Photo 1: Excavation of soil overlying the underground storage tanks.



Photo 2: Excavation of soil overlying the underground storage tanks.



Photo 3: Cutting of underground storage tank prior to rinsing.



Photo 4: Degassing of underground storage tanks.



Photo 5: Rinsing and degassing of underground storage tanks.



Photo 6: Removal of underground storage tank T1.



Photo 7: Removal of underground storage tank T1.



Photo 8: Placement of Underground storage tank on flatbed truck.



Photo 9: Placement of Underground storage tank on flatbed truck.



Photo 10: Excavation of pump islands and product piping area.



Photo 11: Exposed product piping and fuel dispenser sumps prior to removal.



Photo 12: Removal of product piping and sumps.



Photo 13: Removal of fuel dispensers.



Photo 14: View of excavated areas following backfill and compaction.



Photo 15: View of excavated areas following backfill and compaction.



Photo 16: View of resurfaced areas following backfill and compaction.

APPENDIX A
LADPW UST REMOVAL PERMIT

APPLICATION FOR CLOSURE
HAZARDOUS MATERIAL UNDERGROUND STORAGE TANKS
COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331
(626) 458-3517

DPW USE ONLY
App. No. 323090
Site File 15636-38592 RMC 35
Fee $
Check [ ] Cash [ ]

TANK OWNER: Contact Name: The Realty Associates Fund V LP Phone: 949-852-2030
Mailing Address: 1301 Dove St. #860 City: Newport Beach State: Ca Zip: 92660

FACILITY/SITE: Occupant Name: -VACANT- Phone: 714-483-7618
Site Address: 5305 Riverside Dr City: Irwindale State: Ca Zip: 91706
Mailing Address: 2020 E. First #400 City: Santa Ana State: Ca Zip: 92705
Contact Person: William Schramm Title: Project Manager DRS Corporation

CONTRACTOR [ ] OWNER/OPERATOR AS CONTRACTOR [ ]
Contractor Name: Innovative Construction Solutions Phone: 714-893-4366
State License No.: 768815 Class: A
Hazardous Substance Removal Certified YES [X] NO [ ]

CLOSURE REQUESTED: Closure of tanks shall be in compliance with California Health and Safety Code Chapter 6.7, Section 25298, and California Code of Regulations Title 23, Division 3, Chapter 16, Sections 2670 through 2672.

[X] PERMANENT, TANK REMOVAL (See Section 2672(b))
How many underground storage tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Section 2672(c)) - Attach Justification Statement
[ ] TEMPORARY, (See Section 2671)
[ ] Other:

PLOT PLAN ATTACHED [X] Showing existing tanks product piping & dispenser locations. EXISTING HMUSP PERMIT NO.:

TANK DESCRIPTION:

TANKS NO.	*	TANK ID NO. (DPW USE ONLY)	CAPACITY GALLONS	MATERIALS STORED (PAST/PRESENT)	CLOSURE APPLICATION FEE
1	yes		12000	U: Gasoline	$347.00
2	yes		12000	Diesel	426.00
3	yes		12000	Diesel	505.00
4					584.00
5					663.00
6 (+ ATTACH LIST)					$268.00 + $79.00/PER TANK =

* Compliance with December 22, 1998 Standards (See 2A on back)

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Have structural repair ever been made to these tanks?	[ ]	[X]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH AND SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature: [signature] Date 3/11/03
(Print Name) S. Tariq Hussain Phone 714 433 7622
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. ATTACHMENTS YES [ ] NO [ ]
THIS AUTHORIZATION EXPIRES 9/20/03

JAMES A. NOYES
Director of Public Works By: [signature] Date: 3/20/03

APPENDIX B

SCAQMD RULE 1166 AIR MONITORING RECORDS

South Coast
Air Quality Management District
21865 E. Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 · www.aqmd.gov

PLAN ISSUE DATE September 19, 2002

COMPANY I.D.: 120425

Mitigation Plan/Application No. 406479

Applicant: Innovative Construction Solutions, Inc.
7125 Fenwick Lane. Suite O
Westminster, CA 92683

Attention: John White
Phone (714) 893-6366 Fax (714) 893-5122

VARIOUS LOCATIONS
RULE 1166 CONTAMINATED SOIL MITIGATION PLAN

Reference is made to your application (A/N 406479)-for the excavation and handling of VOC-contaminated soil at various locations within the South Coast Air Quality Management District.

In accordance with Rule 1166 (c), this approved plan is required prior to commencing excavation of any underground storage tank or transfer piping which has previously been used to store or transfer volatile organic compounds (VOC) or during the excavation, handling, or storage of VOC-contaminated soils.

The rights and privileges granted through the issuance of this plan are restricted exclusively to the plan holder to whom it was issued, and are non-transferable, even with the written or expressed consent of the plan holder listed above.

A VARIOUS LOCATIONS PLAN can be used at a site to excavate and remove a maximum of 2000 cubic yards of VOC contaminated soil at the site. Any treatment or additional excavation of VOC contaminated soil at the site will require the issuance of a SITE SPECIFIC plan by the AQMD. Multiple use of VARIOUS LOCATIONS PLANS to excavate over 2000 cubic yards of contaminated soil for the same site is prohibited per Rule 1166.

This excavation and mitigation plan has been approved under the provisions of Rule 1166 of the Rules and Regulations of the AQMD and is subject to the following conditions.

THIS PLAN WILL EXPIRE ONE YEAR FROM THE ISSUE DATE.

IF YOU WISH TO MAINTAIN A CURRENT PLAN AFTER THAT DATE, FILE AN APPLICATION FOR A NEW PLAN AT LEAST TWO MONTHS PRIOR TO THE EXPIRATION DATE OF THE CURRENT PLAN.

PLAN CONDITIONS

SECTION I – GENERAL REQUIREMENTS

1. A SIGNED COPY OF THIS PLAN SHALL BE PRESENT AT EACH EXCAVATION SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

21865 E Copley Drive Diamond Bar CA 91765-4182 WWW.AQMD.GOV

[ ] R1149 – TANK DEGASSING NOTIFICATION
[✓] R1166 – TANK EXCAVATION NOTIFICATION
[ ] R1166 – VOC-CONTAMINATED SOIL NOTIFICATION
[ ] R1166 – VOC SITE MITIGATION NOTIFICATION

To notify, please fax this form to (909) 396 3342

This form will be faxed back to you with the notification Reference Number 714 893-5122

For AQMD Use Only

REFERENCE #	RECEIVED BY	RECEIVED DATE	RECEIVED TIME	ENTERED BY	ENTERED DATE	RE NOTIFICATION YES	RE NOTIFICATION NO	PRIOR REFERENCE NO
49884				Jw	6/24			

SITE INFORMATION: (TO BE COMPLETED FOR EVERY NOTIFICATION)

NAME: The Realty Associates Fund
ADDRESS: 5305 Rivergrade CROSS STREET Stewart Ave
CITY: Irwindale CA ZIP: 91706
NAME OF TANK OWNER/OPERATOR The Realty Associates Fund
CONTACT PERSON: 180425 949-852-2030
CONTRACTOR: Innovative Construction AQMD ID: 131760 PHONE: 714-893-6366 FAX: 714-893-5122
START DATE: July 21, 2003 TIME: 7am END DATE: July 25, 2003

# OF TANKS	EACH	CAPACITY (GAL)	MATERIAL STORED IN TANK	ABOVE GROUND?
1	@	12000	Weaded Gasoline	N Y/N
1	@	12000	Diesel	N Y/N
1	@	12000	Diesel	N Y/N
	@			Y/N
	@			Y/N

TANK DEGASSING ONLY: PERSON IN CHARGE: PHONE:
EQUIPMENT PERMIT ISSUED TO: PERMIT AQMD#:

TANK EXCAVATION ONLY: PERSON IN CHARGE: ICS PHONE: 714-893-6366
MITIGATION PLAN ISSUED TO: none PLAN AQMD#: ~~131760~~ 406479

VOC-CONTAMINATED SOIL ONLY: PERSON IN CHARGE: PHONE:
HIGHEST READING (PPM): DATE REGISTERED: TIME:

VOC SITE MITIGATION ONLY: PERSON IN CHARGE: PHONE:
MITIGATION PERMIT ISSUED TO: PERMIT AQMD#:

IF EMERGENCY: GIVE THE DATE: TIME: OF THE EMERGENCY
PERSON WHO DECLARED THE EMERGENCY: PHONE:
(FOR AN EMERGENCY ORDER OR DECLARATION, FAX A COPY)

COMMENTS:

INFORMATION CERTIFICATION I certify that the above information is complete and accurate

URS Corporation — Company Name
Tony Hussain — Print Name
[signature] — Signature
6/24 — Date

NOTE: If you need to call please dial (909) 396 2329

July 21st

IRWINDALE PID READINGS

TIME	READINGS (ppm)
9.00	0.001
9.30	0.001
10.00	0.002
10.30	0.001
11:00	0.001
11:30	0.003
12.00	0.002
12:30	0.001
1:00	0.001
1:30	0.015
2:00	0.001
2:30	0.001
3:00	0.001

July 22nd

IRWINDALE PID READINGS

TIME	READINGS (ppm)
7:00	0.001
9:30	0.001
10:00	0.001
10:30	0.002
11:00	0.001
11:30	0.015
11:45	0.015
12:30	0.001
1:00	0.001
1:30	0.001
2:00	0.005
2:30	0.001
3:00	0.001

APPENDIX C
MARINE CHEMIST CERTIFICATION FOR USTS

Thomas D. Beck & Assoc., Inc.
dba HARBOR TESTING LABORATORY
24 HOUR PHONE: (562) 492-9646

MARINE CHEMIST CERTIFICATE

Serial # 290

NIELD and SONS — Survey Requested By
23 JULY 03 — Date
UNDERGROUND TANK — Vessel
U.S.T. — Vessel Owner or Agent
5305 RIVER AVE — Specific Location of Vessel
GASOLINE, DIESEL — Last Cargo
LEL, O2, VISUAL — Type of Vessel
1230 — Tests Performed
Time Survey Completed

(3) THREE DOUBLE WALL FIBERGLASS CONSTRUCTED UNDER-GROUND TANKS MARKED WITH YELLOW SPRAY PAINT. 290-1, 290-2 290-3

TESTED: 0% LEL
20.8% OXYGEN
NOT SAFE FOR WORKERS
NOT SAFE FOR HOT WORK
TANKS HAVE BEEN CLEANED
SAFE TO CUT CUT TANK USING HYDRAULIC/PNEUMATIC TOOLS

USA MICROFLAME SN 22435 CALIBRATED @ 1230 HRS 23 JULY 0

In the event of any physical or atmospheric adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if any doubt, immediately stop all work and contact the undersigned Marine Chemist

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 5-3.2)

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are specified.

SAFE FOR HOT WORK: Means that in any compartment designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued"

23-07-03

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with qualifications and instructions.

APPENDIX D
UST CERTIFICATES OF DESTRUCTION

ICS

CERTIFICATE OF DESTRUCTION

ECOLOGY AUTO PARTS
13780 E. IMPERIAL HWY
SANTA FE SPRINGS, CA 90670
(562)404-8683

COMPANY NAME: TRUCK STOP
ADDRESS: 5305 RIVERGRADE RD.
IRWINDALE, CA

DESCRIPTION: 3-12,000 GALLON STEEL TANKS

UNDERGROUND STORAGE TANK(S)
HAVE BEEN SCRAPED, CRUSHED AND DESTROYED AT
ECOLOGY AUTO PARTS
SANTA FE SPRINGS, CA.
ON: 07/23/03

SIGNATURE: Barbara Medrano
TITLE: MANAGER/BARBARA MEDRANO
DATE: 7/26/03

APPENDIX E

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTS FOR SOIL SAMPLES

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Mr. Scott Rowlands
URS Corporation
2020 E. First Street, Suite 400
Santa Ana, CA 92705

Project: 29868258
Project Site: Irwindale
SSample Date: 07-23-2003
Lab Job No.: UR307147

Dear Mr. Rowlands:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 07-24-2003 and analyzed by the following EPA methods:

EPA 8015M (Diesel)
EPA 8015M (Gasoline)
EPA 8260B (BTEX & Oxygenates by GC/MS)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (323) 888-0728 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Matrix: Soil
Preparation Method for TPH-g: EPA 5035
Batch No. for TPH-g: AG24-GS1

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Received: 07-24-2003
Date Prepared: 07-23-2003
Date Analyzed: 07-24-2003

EPA Method 8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	C4-C12 (Gasoline range TPH)	Surrogate %RC	Surrogate ACP%
Reporting Limit		1	1		
Method Blank		1	ND	103	70-130
T1A-17-030723	UR307147-1	1	ND	130	70-130
T1B-17-030723	UR307147-2	1	ND	72.0	70-130
DUP1-030723	UR307147-3	1	ND	115	70-130
T2A-17-030723	UR307147-4	1	ND	71.5	70-130
T2B-17-030723	UR307147-5	1	ND	130	70-130
T3B-17-030723	UR307147-6	1	ND	130	70-130
T3A-17-030723	UR307147-7	1	ND	124	70-130
UP-1-5.5-030723	UR307147-8	1	ND	130	70-130
FD1-4-030723	UR307147-9	1	135	129	70-130
FD2-4-030723	UR307147-10	1	168	130	70-130
FD3-4-030723	UR307147-11	1	ND	122	70-130
FD4-4-030723	UR307147-12	1	ND	125	70-130
SFD1-3-030723	UR307147-13	1	ND	107	70-130
SFD2-4-030723	UR307147-14	1	305	130	70-130

DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Matrix: Soil
Preparation Method for TPH-g: EPA 5035
Batch No. for TPH-G: AG24-GS1

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Received: 07-24-2003
Date Prepared: 07-23-2003
Date Analyzed: 07-24-2003

EPA Method 8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	C4-C12 (Gasoline range TPH)	Surrogate %RC	Surrogate ACP%
Reporting Limit		1	1		
Method Blank		1	ND	103	70-130
SFD3-4-030723	UR307147-15	1	1.0	116	70-130
SFD4-4-030723	UR307147-16	1	ND	105	70-130
FD6-4-030723	UR307147-17	1	ND	96	70-130
FD5-4-030723	UR307147-18	1	ND	99.3	70-130
DUP2-030723	UR307147-19	1	ND	77.4	70-130
SPW-1-030723	UR307147-20	1	ND	117	70-130
SPE-1-030723	UR307147-21	1	ND	76	70-130
UP2-3-030723	UR307147-22	1	ND	79	70-130
UP3-3-030723	UR307147-23	1	ND	103	70-130

DF: Dilution Factor (**DF** × **MDL** = **Reporting Limit** for the sample).

ND: Not Detected (at the specified limit).

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Matrix: Soil
Preparation Method for TPH-d: EPA 3550B
Batch No. for TPH-d: EG24-DS1

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Received: 07-24-2003
Date Prepared: 07-24-2003
Date Analyzed: 07-24-2003

EPA Method 8015M (Diesel)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	C13-C23 (Diesel Range TPH)	Surrogate %RC	Surrogate ACP%
Reporting Limit		1	10		
Method Blank		1	ND	100	70-130
T1A-17-030723	UR307147-1	1	ND	92	70-130
T1B-17-030723	UR307147-2	1	ND	92	70-130
DUP1-030723	UR307147-3	1	ND	94	70-130
T2A-17-030723	UR307147-4	1	ND	94	70-130
T2B-17-030723	UR307147-5	1	ND	92	70-130
T3B-17-030723	UR307147-6	1	ND	96	70-130
T3A-17-030723	UR307147-7	1	ND	94	70-130
UP-1-5.5-030723	UR307147-8	1	ND	92	70-130
FD1-4-030723	UR307147-9	1	2,450	166*	70-130
FD2-4-030723	UR307147-10	1	3,750	248*	70-130
FD3-4-030723	UR307147-11	1	ND	98	70-130
FD4-4-030723	UR307147-12	1	ND	96	70-130
SFD1-3-030723	UR307147-13	1	ND	94	70-130
SFD2-4-030723	UR307147-14	1	6,340	134*	70-130

DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).

ND: Not Detected (at the specified limit).

* Matrix interference

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Matrix: Soil
Preparation Method for TPH-d: EPA 3550B
Batch No. for TPH-d: EG24-DS1

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Received: 07-24-2003
Date Prepared: 07-24-2003
Date Analyzed: 07-24-2003

EPA Method 8015M (Diesel)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	C13-C23 (Diesel Range TPH)	Surrogate %RC	Surrogate ACP%
Reporting Limit		1	10		
Method Blank		1	ND	100	70-130
SFD3-4-030723	UR307147-15	1	114	110	70-130
SFD4-4-030723	UR307147-16	1	ND	124	70-130
FD6-4-030723	UR307147-17	1	ND	100	70-130
FD5-4-030723	UR307147-18	1	10	102	70-130
DUP2-030723	UR307147-19	1	15	104	70-130
SPW-1-030723	UR307147-20	1	ND	104	70-130
SPE-1-030723	UR307147-21	1	ND	84	70-130
UP2-3-030723	UR307147-22	1	ND	82	70-130
UP3-3-030723	UR307147-23	1	ND	84	70-130
T2A-17 (Other end)	UR307147-4	1	1,790	108	70-130

DF: Dilution Factor (**DF** × **MDL** = **Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

STS
Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Project Site:	Irwindale	Date Sampled	07-23-2003
Preparation Method:	EPA 5035	Date Prepared:	07-23-2003
Matrix:	Soil	Date Received:	07-24-2003
Batch No.:	0724-VOAS	Date Analyzed:	07-24-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-1	UR307147-2	UR307147-3	UR307147-4	UR307147-5	UR307147-6	MDL
Sample ID		T1A-17-030723	T1B-17-030723	DUP1-030723	T2A-17-030723	T2B-17-030723	T3B-17-030723	
DF	1	2.5	1	1	1	1	1	
Benzene	ND	ND	ND	ND	ND	ND	ND	0.002
Toluene	ND	ND	ND	ND	ND	ND	ND	0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	0.002
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	0.004
MTBE	ND	0.071	ND	ND	ND	ND	ND	0.005
ETBE	ND	ND	ND	ND	ND	ND	ND	0.005
DIPE	ND	ND	ND	ND	ND	ND	ND	0.005
TAME	ND	ND	ND	ND	ND	ND	ND	0.005
T-Butyl Alcohol	ND	ND	ND	ND	ND	ND	ND	0.020
SURRO-GATE	**MB %RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	Accept Limit%
Dibromofluoro-methane	89	91	91	94	87	95	94	79-126
Toluene-d8	100	100	100	102	102	105	105	79-121
Bromofluoro-benzene	113	111	112	111	109	114	111	71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Preparation Method: EPA 5035
Matrix: Soil
Batch No.: 0724-VOAS

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Prepared: 07-23-2003
Date Received: 07-24-2003
Date Analyzed: 07-24-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-7	UR307147-8	UR307147-9	UR307147-10	UR307147-11	UR307147-12	MDL
Sample ID		T3A-17-030723	UP-1-5.5-030723	FD1-4-030723	FD2-4-030723	FD3-4-030723	FD4-4-030723	
DF	1	1	1	5	5	1	1	
Benzene	ND	ND	ND	ND	ND	ND	ND	0.002
Toluene	ND	ND	ND	ND	ND	ND	ND	0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	0.002
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	0.004
MTBE	ND	ND	ND	ND	ND	ND	ND	0.005
ETBE	ND	ND	ND	ND	ND	ND	ND	0.005
DIPE	ND	ND	ND	ND	ND	ND	ND	0.005
TAME	ND	ND	ND	ND	ND	ND	ND	0.005
T-Butyl Alcohol	ND	ND	ND	ND	ND	ND	ND	0.020
SURRO-GATE	**MB %RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**Accept Limit%**
Dibromofluoro-methane	89	91	98	88	89	90	91	79-126
Toluene-d8	100	104	101	99	101	104	101	79-121
Bromofluoro-benzene	113	113	111	112	113	111	116	71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

07-28-2003

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Project Site:	Irwindale	Date Sampled	07-23-2003
Preparation Method:	EPA 5035	Date Prepared:	07-23-2003
Matrix:	Soil	Date Received:	07-24-2003
Batch No.:	0724-VOAS	Date Analyzed:	07-24-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-13	UR307147-14	UR307147-15	UR307147-16	UR307147-17	UR307147-18	MDL
Sample ID		SFD1-3-030723	SFD2-4-030723	SFD3-4-030723	SFD4-4-030723	FD6-4-030723	FD5-4-030723	
DF	1	1	5	1	1	1	1	
Benzene	ND	ND	ND	ND	ND	ND	ND	0.002
Toluene	ND	ND	ND	ND	ND	ND	ND	0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	0.002
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	0.004
MTBE	ND	ND	ND	ND	ND	0.050	0.014	0.005
ETBE	ND	ND	ND	ND	ND	ND	ND	0.005
DIPE	ND	ND	ND	ND	ND	ND	ND	0.005
TAME	ND	ND	ND	ND	ND	ND	ND	0.005
T-Butyl Alcohol	ND	ND	ND	ND	ND	ND	ND	0.020
SURRO-GATE	**MB %RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	**%RC**	Accept Limit%
Dibromofluoro-methane	89	88	94	125	83	81	82	79-126
Toluene-d8	100	101	99	100	100	101	103	79-121
Bromofluoro-benzene	113	114	108	108	112	114	115	71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client: URS Corporation
Project: 29868258
Project Site: Irwindale
Preparation Method: EPA 5035
Matrix: Soil
Batch No.: 0724-VOAS

Lab Job No.: UR307147

Date Sampled 07-23-2003
Date Prepared: 07-23-2003
Date Received: 07-24-2003
Date Analyzed: 07-24-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-19	UR307147-20	UR307147-21	UR307147-22	UR307147-23		MDL
Sample ID		DUP2-030723	SPW-1-030723	SPE-1-030723	UP2-3-030723	UP3-3-030723		
DF	1	1	1	1	1	1		
Benzene	ND	ND	ND	ND	ND	ND		0.002
Toluene	ND	ND	ND	ND	ND	ND		0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND		0.002
Total Xylenes	ND	ND	ND	ND	ND	ND		0.004
MTBE	ND	ND	ND	ND	ND	ND		0.005
ETBE	ND	ND	ND	ND	ND	ND		0.005
DIPE	ND	ND	ND	ND	ND	ND		0.005
TAME	ND	ND	ND	ND	ND	ND		0.005
T-Butyl Alcohol	ND	ND	ND	ND	ND	ND		0.020
SURRO-GATE	MB %RC	%RC	%RC	%RC	%RC	%RC		Accept Limit%
Dibromofluoro-methane	89	110	105	112	85	86		79-126
Toluene-d8	100	98	102	100	103	101		79-121
Bromofluoro-benzene	113	112	109	114	110	110		71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

07-28-2003

EPA 8015M (TPH)
Batch QA/QC Report

Client: URS Corporation
Project: 29868258
Matrix: Soil
Batch No: AG24-GS1

Lab Job No.: UR307147
Lab Sample ID: UR307147-11
Date Analyzed: 07-24-2003

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-g	ND	5,000	4,980	5,720	99.6	114.4	13.8	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-g	1,050	1,000	105.0	80-120

ND: Not Detected (at the specified limit).

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

EPA 8260B
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Matrix:	Soil	Lab Sample ID:	UR307147-2
Batch No:	0724-VOAS	Date Analyzed:	07-24-2003

I. MS/MSD Report
Unit: ppb

Compound	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	21.0	19.4	105.0	97.0	7.9	30	70-130
Benzene	ND	20	22.3	21.2	111.5	106.0	5.1	30	70-130
Trichloro-ethene	ND	20	21.7	21.9	108.5	109.5	0.9	30	70-130
Toluene	ND	20	21.4	19.3	107.0	96.5	10.3	30	70-130
Chlorobenzene	ND	20	20.6	19.3	103.0	96.5	6.5	30	70-130

II. LCS Result
Unit: ppb

Compound	LCS Report Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	17.7	20	88.5	80-120
Benzene	20.1	20	100.5	80-120
Trichloro-ethene	17.1	20	85.5	80-120
Toluene	19.2	20	96.0	80-120
Chlorobenzene	18.0	20	90.0	80-120

ND: Not Detected (at the specified limit)

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

EPA 8015M(TPH)
Batch QA/QC Report

Client: URS Corporation
Project: 29868258
Matrix: Soil
Batch No: EG24-DS1

Lab Job No.: UR307147
Lab Sample ID: UR307147-1
Date Analyzed: 07-24-2003

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-d	ND	200	231	237	115.5	118.5	2.6	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-d	210	200	105.0	80-120

ND: Not Detected (at the specified limit).

Southland Technical Services, Inc.
Environmental Laboratories

07-28-2003

Client:	URS Corporation	Lab Job No.:	UR307147
Project:	29868258		
Project Site:	Irwindale	Date Sampled	07-23-2003
Matrix:	Soil	Date Received:	07-24-2003
Batch No.:	0724-VOAS	Date Analyzed:	07-25-2003

EPA 8260B (BTEX & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	UR307147-4						MDL
Sample ID		T2A-17 (Other end)						
DF	1	2						
Benzene	ND	ND						0.002
Toluene	ND	0.106						0.002
Ethylbenzene	ND	0.110						0.002
Total Xylenes	ND	0.68						0.004
MTBE	ND	0.083						0.005
ETBE	ND	ND						0.005
DIPE	ND	ND						0.005
TAME	ND	ND						0.005
T-Butyl Alcohol	ND	ND						0.020
SURRO-GATE	**MB %RC**	**%RC**						Accept Limit%
Dibromofluoro-methane	89	89						79-126
Toluene-d8	100	99						79-121
Bromofluoro-benzene	113	137*						71-131

MDL: Method Detection Limit.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).
* The recovery is out of QC range.

Note: The bross tube sample was used in doing the analysis. The results is for your information only.

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

Date: 07/23/03

UR307147

☐ Data Requested in GISKey Format

Lab Name: STS LABORATORIES	URS Project/PO Number: 29863258
Client Name/Project Name/Location:	GeoTracker Information:
URS Project Manager: TARIK	ECF Reporting: Y N Global ID:
Sampler Name and Signature: STEVE T. / JOE L.	COELT Log Number:

Requested Analyses:

#	Sample Name:	Sample Date:	Sample Time	Preserved	Matrix:	Container Type:	# of Cont.:	8015m TPHg	8015m TPHd	8260B BTEX, MTBE & Fuel oxygenates	HOLD	Special Instructions:
1	T1A-17-030723	7/23/03	1450	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		UR307147 -1
2	T1B-17-030723		1510	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		-2
3	Dup1-030723		1520	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		-3
4	T2A-17-030723		1504	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		-4
5	T2B-17-030723		1550	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		-5
6	T3B-17-030723		1600	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		-6
7	T3A-17-030723		1612	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		-7
8	UP1-5.5-030723		1620	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		-8
9	FD1-4-030723		1640	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		-9
10	FD2-4-030723		1645	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	5	X	X	X		-10

Relinquished by:	Date:	Received By:	Date/Time:
[signature]	7/24/03	[signature] STS	7/24/03 10:40

Turnaround Time: (Check)
Same Day: 72 Hour:
24 Hour: 5 Day:
48 Hour: Standard: ✓

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G=Gas White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION

2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

Date: 07/23/03

UR30147

☐ Data Requested in GISKey Format

Lab Name	URS Project/PO Number
STS Laboratories	29868258
Client Name/Project Name/Location	GeoTracker Information
URS Project Manager	EDF Reporting Y N Global ID:
Tariq H.	
Sampler Name and Signature	COELT Log Number
J. Liles / S. Turner	

Sample Name	Sample Date:	Sample Time	Preserved	Matrix	Container Type	# of Cont	8015_TPHg	8015_TPHd	8260 BTEX, MTBE, Fuel oxygenates										HOLD	Special Instructions
1 FD3-4-030723	7/23/03	1630	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ____ml Amb. Plas. Glass VOA	5	X	X	X											UR30147-11
2 FD4-4-030723		1635	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	5	X	X	X											-12
3 SFD1-3-030723		1655	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ____ml Amb. Plas. Glass VOA	5	X	X	X											-13
4 SFD2-4-030723		1700	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ____ml Amb. Plas. Glass VOA	5	X	X	X											-14
5 SFD3-4-030723		1707	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ____ml Amb. Plas. Glass VOA	5	X	X	X											-15
6 SFD4-4-030723		1713	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	5	X	X	X											-16
7 FD5-4-030723		1720	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ____ml Amb. Plas. Glass VOA	5	X	X	X											-17
8 FD5-4-030723		1730	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ____ml Amb. Plas. Glass VOA	5	X	X	X											-18
9 Dup2-030723		1740	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ____ml Amb. Plas. Glass VOA	5	X	X	X											-19
10			Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas Glass VOA															-20

Requested Analyses:

Relinquished by:	Date:	Received By	Date/Time:
[signature]	7/24/03	[signature] STS	7/24/03 10:40
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by	Date:	Received By:	Date/Time:

Turnaround Time: (Check)

Same Day		72 Hour	
24 Hour:		5 Day:	
48 Hour:		Standard:	✓

Lab Use Only

Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G= Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

Date: 07/23/03

UR307147

☐ Data Requested in GISKey Format

Lab Name: STS Laboratory	URS Project/PO Number: 29868258
Client Name/Project Name/Location:	GeoTracker Information:
URS Project Manager: Tariq H.	EDF Reporting Y N Global ID:
Sampler Name and Signature: J. Liles / S. Turner	COELT Log Number:

Requested Analyses:

	Sample Name:	Sample Date:	Sample Time	Preserved	Matrix:	Container Type:	# of Cont.	8015m TPHg	8015m TPHd	8260B BTEX, MTBE & Fuel oxygenates										HOLD	Special Instructions:
1	SPW-1-030723	7/23/03	1830	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	5	X	X	X											-20
2	SPE-1-030723		1830	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	5	X	X	X											-21
3	TB1-030723			Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA	4													X	
4	UP2-3-030723		1735	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	5	X	X	X											-22
5	UP3-3-030723		1742	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	5	X	X	X											-23
6				Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															
7				Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															
8				Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															
9				Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															
10				Y N	S L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA															

Relinquished by	Date	Received By	Date/Time
[signature]	7/24/03	[signature] STS	7/24/03 10:50
Relinquished by:	Date:	Received By:	Date/Time
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)

Same Day	72 Hour
24 Hour:	5 Day:
48 Hour:	Standard: ✓

Lab Use Only

Cooler Temperature*: 40 C
*Record upon arrival

URS

S=Solid L=Liquid G= Gas White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Mr. Joe Liles
URS Corporation
2020 E. First Street, Suit 400
Santa Ana, CA 92705

Project: TA Realty (Former Hughes Facility)
Project Site: Irwindale
SSample Date: 08-27-2003
Lab Job No.: UR308148

Dear Mr. Liles:

Enclosed please find the analytical report for the sample(s) received by STS Environmental Laboratories on 08-27-2003 and analyzed by the following EPA methods:

EPA 8021B (BTEX,MTBE)
EPA 8015M (Gasoline)
EPA 8015M (Diesel)
EPA 8260B (GC/MS Confirmation of MTBE)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

STS Environmental Laboratory is certified by CA DHS (Certificate Number 1986). Thank you for giving us the opportunity to serve you. Please feel free to call me at (323) 888-0728 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client: URS Corporation
Project: TA Realty (Former Hughes Facility)
Project Site: Irwindale
Matrix: Soil
Preparation Method: EPA 5035
Batch No.: AH27-GS1

Lab Job No.: UR308148

Date Sampled 08-27-2003
Date Received: 08-27-2003
Date Prepared: 08-27-2003
Date Analyzed: 08-27-2003

EPA 8021B (BTEX, MTBE)/8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Gasoline Range TPH*	Surrog. (BFB) Rec%
Method Detect. Limit (MDL)			0.01	0.005	0.005	0.005	0.015	1.0	Spike Conc. 20 ppb
Method Blank		1	ND	ND	ND	ND	ND	ND	86
SFD2-9.5B-030827	UR308148-1	1	ND	ND	ND	ND	ND	ND	130
SFD2-9.5N-030827	UR308148-2	1	ND	ND	ND	ND	ND	ND	113
SFD3-8.0B-030827	UR308148-3	1	ND	ND	ND	ND	ND	ND	77
SFD3-8.0S-030827	UR308148-4	1	ND	ND	ND	ND	ND	ND	101
FD1/2-9.5B-030827	UR308148-5	1	ND	ND	ND	ND	ND	2.3	105
FD1/2-9.5E-030827	UR308148-6	1	ND	ND	ND	ND	ND	ND	111
FD1/2-9.5N-030827	UR308148-7	1	ND	ND	ND	ND	ND	ND	98
FD1/2-9.5S-030827	UR308148-8	1	ND	ND	ND	ND	ND	ND	100
FD1/2-9.5W-030827	UR308148-9	1	ND	ND	ND	ND	ND	ND	125
FD1/2-9.5E2-030827	UR308148-10	1	ND	ND	ND	ND	ND	ND	110
T2A-21B-030827	UR308148-11	1	ND	ND	ND	ND	ND	ND	110
T2A-21S-030827	UR308148-12	1	ND	ND	ND	ND	ND	ND	122

* Gasoline Range TPH are hydrocarbons in carbon range C4 - C12.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit)

Note: Surrogate recovery acceptable limit: 70-130%.

Fax: (323) 588-1509

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client: URS Corporation
Project: TA Realty (Former Hughes Facility)
Project Site: Irwindale
Matrix: Soil
Preparation Method: EPA 5035
Batch No.: AH27-GS1

Lab Job No.: UR308148

Date Sampled 08-27-2003
Date Received: 08-27-2003
Date Prepared: 08-27-2003
Date Analyzed: 08-27-2003

EPA 8021B (BTEX, MTBE)/8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Gasoline Range TPH*	Surrog. (BFB) Rec%
Method Detect. Limit (MDL)			0.01	0.005	0.005	0.005	0.015	1.0	Spike Conc. 20 ppb
Method Blank		1	ND	ND	ND	ND	ND	ND	86
T2A-21W-030827	UR308148-13	1	ND	ND	ND	ND	ND	ND	104
T2A-21N-030827	UR308148-14	1	ND	ND	ND	ND	ND	ND	116
T2A-21E-030827	UR308148-15	1	0.021	ND	ND	ND	ND	ND	94
SFD3-8.0E-030827	UR308148-16	1	ND	ND	ND	ND	ND	ND	90
SFD3-8.0W-030827	UR308148-17	1	ND	ND	ND	ND	ND	ND	94
SFD2-9.5S-030827	UR308148-18	1	ND	ND	ND	ND	ND	ND	95
SFD2-9.5E-030827	UR308148-19	1	ND	ND	ND	ND	ND	ND	103
SPW-030827	UR308148-20	1	ND	ND	ND	ND	ND	ND	98
SPE-030827	UR308148-21	1	ND	ND	ND	ND	ND	ND	120
SPS-030827	UR308148-22	1	ND	ND	ND	ND	ND	ND	94
SFD3-8.0N-030827	UR308148-23	1	ND	ND	ND	ND	ND	ND	95

* Gasoline Range TPH are hydrocarbons in carbon range C4 - C12.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

STS
Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-27-2003
Matrix:	Soil	Date Received:	08-27-2003
Batch No.:	EH27-DS1	Date Analyzed:	08-27-2003

EPA 8015M (Diesel Range TPH)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	Diesel Range TPH (C13-C23)	Surrogate Recovery%
Reporting Limit		10	
Method Blank		ND	124
SFD2-9.5B-030827	UR308148-1	ND	94
SFD2-9.5N-030827	UR308148-2	ND	111
SFD3-8.0B-030827	UR308148-3	ND	98
SFD3-8.0S-030827	UR308148-4	ND	98
FD1/2-9.5B-030827	UR308148-5	481	100
FD1/2-9.5E-030827	UR308148-6	ND	96
FD1/2-9.5N-030827	UR308148-7	ND	94
FD1/2-9.5S-030827	UR308148-8	ND	98
FD1/2-9.5W-030827	UR308148-9	ND	96
FD1/2-9.5E2-030827	UR308148-10	11	92
T2A-21B-030827	UR308148-11	ND	94
T2A-21S-030827	UR308148-12	ND	96

ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-27-2003
Matrix:	Soil	Date Received:	08-27-2003
Batch No.:	EH27-DS1	Date Analyzed:	08-27-2003

EPA 8015M (Diesel Range TPH)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	Diesel Range TPH (C13-C23)	Surrogate Recovery%
Reporting Limit		10	
Method Blank		ND	124
T2A-21W-030827	UR308148-13	ND	96
T2A-21N-030827	UR308148-14	ND	94
T2A-21E-030827	UR308148-15	ND	96
SFD3-8.0E-030827	UR308148-16	ND	99
SFD3-8.0W-030827	UR308148-17	ND	106
SFD2-9.5S-030827	UR308148-18	ND	96
SFD2-9.5E-030827	UR308148-19	ND	98
SPW-030827	UR308148-20	49	98
SPE-030827	UR308148-21	29	92
SPS-030827	UR308148-22	ND	96
SFD3-8.0N-030827	UR308148-23	ND	96

ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

7801 Telegraph Road Suite L, Montebello, CA [illegible] Phone: (323) 888-[illegible] Fax: (323) 888-1509

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-27-2003
Matrix:	Soil	Date Received:	08-27-2003
Batch No.:	0827-VOBS	Date Analyzed:	08-27-2003

EPA 8260B (GC/MS Confirmation of MTBE)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	MTBE	Surrogate Recovery%
Reporting Limit		0.005	(Dibromofluoromethane)
Method Blank		ND	102
T2A-21E-030827	UR308148-15	ND	102

ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 79-126%.

7801 Telegraph Road Suite L, Montebello, CA 90640 Phone: (323) 888-1774 Fax: (323) 888-1509

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

EPA 8015M (TPH)
Batch QA/QC Report

Client: URS Corporation
Project: TA Realty (Former Hughes Facility)
Matrix: Soil
Batch No.: EH27-DS1

Lab Job No.: UR308148
Sampled ID: UR308148-12
Date Analyzed: 08-27-2003

I. MS/MSD Report
Unit: ppm

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-D	ND	200	219	220	109.5	110.0	0.5	30	70-130

II. LCS Result
Unit: ppm

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-D	212	200	106.0	80-120

ND: Not Detected (at the specified limit).

08-28-2003

EPA 8021B (BTEX)
Batch QA/QC Report

Client: URS Corporation
Project: TA Realty (Former Hughes Facility)
Matrix: Soil
Batch No.: AH27-BS1

Lab Job No.: UR308148
Sampled ID: UR308148-16
Date Analyzed: 08-27-2003

I. MS/MSD Report
Unit: ppb

Compound	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Benzene	ND	100	115	112	115.0	112.0	2.6	30	70-130
Toluene	ND	100	114	102	114.0	102.0	11.1	30	70-130

II. LCS Result
Unit: ppb

Compound	LCS Report Value	True Value	Rec.%	Accept. Limit
Benzene	22.3	20.0	111.5	80-120
Toluene	20.7	20.0	103.5	80-120

ND: Not Detected (at the specified limit)

08-28-2003

EPA 8260B (MTBE)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Matrix:	Soil	Sampled ID:	Q308140-1
Batch No.:	0827-VOBS	Date Analyzed:	08-27-2003

I. MS/MSD Report
Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
MTBE	ND	80	83.1	75.7	103.9	94.6	9.4	30	70-130

II. LCS Result
Unit: ppb

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
MBTE	72.7	80	90.9	80-120

ND: Not Detected (at the specified limit).

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

UR308148

CHAIN OF CUSTODY RECORD

Date: 8/27/03

Page 1 of 3

☐ Data Requested in GISKey Format

UR

Lab Name: STS	URS Project/PO Number:
Client Name/Project Name/Location: TA Realty (Former Hughes Facility)	GeoTracker Information:
URS Project Manager: Tony Hearn	EDF Reporting: Y N Global ID:
Sampler Name and Signature: JL	COELT Log Number:

Sample Name:	Sample Date:	Sample Time	Preserved	Matrix:	Container Type:	# of Cont.	Requested Analyses: B015m TPHd	B015m TPHg	8021	8260 Oxygenates + BTEX + MTBE	HOLD	Special Instructions:
1 SFD2-9.5B-030827	8/27/03	0805	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		UR308148-1
2 SFD2-9.5N-030827		0820	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-2
3 SFD3-8.0B-030827		0845	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-3
4 SFD3-8.0S-030827		0853	Y N SS	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-4
5 FD1/2-9.5B-030827		0915	Y N SS	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-5
6 FD1/2-9.5E-030827		0920	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	7	X	X	X	X		-6
7 FD1/2-9.5N-030827		0927	Y N SS	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	7	X	X	X	X		-7
8 FD1/2-9.5S-030827		0938	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-8
9 FD1/2-9.5W-030827		0945	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	7	X	X	X	X		-9
10 FD1/2-9.5E2-030827	V	0958	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	7	X	X	X	X		-10

Relinquished by:	Date: 8/27/-3	Received By: STS	Date/Time: 8/27/03 12:20	
Relinquished by:	Date:	Received By:	Date/Time:	
Relinquished by:	Date:	Received By:	Date/Time:	

Turnaround Time: (Check)
Same Day: ... 72 Hour
24 Hour: X 5 Day: ...
48 Hour: Standard:

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G= Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION
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Santa Ana, CA 92705
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FAX (714) 667-7147

UR308148

CHAIN OF CUSTODY RECORD

Date: 8/27/03

☐ Data Requested in GISKey Format

Lab Name: STS
URS Project/PO Number:
Client Name/Project Name/Location: TA-Realty (Former Hughes Facility)
GeoTracker Information:
URS Project Manager: Tang Hwang
EDF Reporting: Y N Global ID:
Sampler Name and Signature: JL
COELT Log Number:

Sample Name:	Sample Date	Sample Time:	Preserved	Matrix:	Container Type:	# of Cont	Requested Analyses: 8015M TPHd	8015M TPHg	8021	8260 Oxygenates MTBE	HOLD	Special Instructions
1 T2A-21B-030827	8/27/03	10:00	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	7	X	X	X	X		UR308148-1
2 T2A-21S-030827	8/27/03	10:21	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-12
3 T2A-21W-030827		10:23	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-13
4 T2A-21N-030827		10:29	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-14
5 T2A-21E-030827		10:34	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-15
6 SFD3-8.0E-030827		10:42	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-16
7 SFD3-8.0W-030827		10:51	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-17
8 SFD2-9.5S-030827		10:57	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-18
9 SFD2-9.5E-030827		11:00	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-19
10 SPW-030827		1107	Y (N)	(S) L G	Acetate (SS) Brass Jar (Encore) ml Amb. Plas. Glass VOA	4	X	X	X	X		-20

Relinquished by:	Date:	Received By:	Date/Time:
	8/27/03	STS	8/27/03 12:20
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day: . 72 Hour: ..
24 Hour: X 5 Day: .....
48 Hour: Standard:

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G= Gas White Copy to Final Report, Yellow to File, Pink to URS at Dropoff

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Santa Ana, CA 92705
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FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

UR308148

Date: 8/27/03

☐ Data Requested in GISKey Format

Lab Name: STS	URS Project/PO Number:
Client Name/Project Name/Location: TA Realty (Former Hughes Facility)	GeoTracker Information:
URS Project Manager: Tariq Hussane	EDF Reporting: Y N Global ID:
Sampler Name and Signature: JL	COELT Log Number:

Requested Analyses

	Sample Name:	Sample Date:	Sample Time:	Preserved:	Matrix:	Container Type:	# of Cont.:	8015M TPH-d	8015M TPH-g	8021	8260 Compressed MTBE										HOLD	Special Instructions
1	SPE-030827	8/27/03	1111	Y N	A L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	4	X	X	X	X											UR 308148-21
2	SPS-030827	8/27/03	1113	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	4	X	X	X	X											-22
3	SFD3-8.0N-030827		10:44	Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA	4	X	X	X	X											
4				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
5				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
6				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
7				Y N	S L G	Acetate SS Brass Jar Encore ___ml Amb. Plas. Glass VOA																
8				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
9				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																
10				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA																

Relinquished by	Date	Received By	Date/Time
[signature]	8/27/03	[signature] STS	8/27/03 12:30
Relinquished by	Date:	Received By	Date/Time
Relinquished by	Date:	Received By	Date/Time:

Turnaround Time: (Check)

Same Day	72 Hour
24 Hour X	5 Day
48 Hour:	Standard:

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G=Gas White Copy in Final Report. Yellow to File, Pink to URS at Dropoff

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148A
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-28-2003
Matrix:	Soil	Date Received:	08-28-2003
Preparation Method:	EPA 5035	Date Prepared:	08-28-2003
Batch No.:	AH27-GS1	Date Analyzed:	08-28-2003

EPA 8021B (BTEX, MTBE)/8015M (Gasoline)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	DF	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Gasoline Range TPH*	Surrog. (BFB) Rec%
Method Detect. Limit (MDL)			0.01	0.005	0.005	0.005	0.015	1.0	Spike Conc. 20 ppb
Method Blank		1	ND	ND	ND	ND	ND	ND	86
FD1,2-11B030828	UR308148-24	1	ND	ND	ND	ND	ND	ND	123

* Gasoline Range TPH are hydrocarbons in carbon range C4 - C12.
DF: Dilution Factor (**DF × MDL = Reporting Limit** for the sample).
ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

Southland Technical Services, Inc.
Environmental Laboratories

08-28-2003

Client:	URS Corporation	Lab Job No.:	UR308148A
Project:	TA Realty (Former Hughes Facility)		
Project Site:	Irwindale	Date Sampled	08-28-2003
Matrix:	Soil	Date Received:	08-28-2003
Batch No.:	EH27-DS1	Date Analyzed:	08-28-2003

EPA 8015M (Diesel Range TPH)
Reporting Units: mg/kg (ppm)

Sample ID	Lab ID	Diesel Range TPH (C13-C23)	Surrogate Recovery%
Reporting Limit		10	
Method Blank		ND	124
FD1,2-11B030828	UR308148-24	ND	85

ND: Not Detected (at the specified limit).

Note: Surrogate recovery acceptable limit: 70-130%.

Southland Technical Services, Inc.
Environmental Laboratories

EPA 8021B (BTEX)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Matrix:	Soil	Sampled ID:	LCS
Batch No.:	AH28-GS1	Date Analyzed:	08-28-2003

LCS/LCSD Report
Unit: ppb

Compound	Sample Conc.	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Benzene	ND	100	120	110	120.0	110.0	8.7	20	80-120
Toluene	ND	100	109	103	109.0	103.0	5.7	20	80-120

ND: Not Detected (at the specified limit)

Southland Technical Services, Inc.
Environmental Laboratories

EPA 8015M (TPH)
Batch QA/QC Report

Client:	URS Corporation	Lab Job No.:	UR308148
Project:	TA Realty (Former Hughes Facility)		
Matrix:	Soil	Lab Sample ID:	Q308156-11
Batch No.:	EH28-DS1	Date Analyzed:	08-28-2003

I. MS/MSD Report
Unit: ppm

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-d	ND	200	220	228	110.0	114.0	3.6	30	70-130

II. LCS Result
Unit: ppm

Analyte	LCS Report Value	True Value	Rec.%	%Rec Accept. Limit
TPH-d	233	200	116.5	80-120

ND: Not Detected (at the specified limit).

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CHAIN OF CUSTODY RECORD

Date: 8/28/03
Page 1 of 1

UR38148-A

[ ] Data Requested in GISKey Format

Lab Name: Southland Technical Services	URS Project/PO Number: 29868258.07000
Client Name/Project Name/Location: TA Realty (Former Hughes Faculty	GeoTracker Information
URS Project Manager	EDF Reporting Y N Global ID
Sampler Name and Signature	COELT Log Number

Requested Analyses:

	Sample Name	Sample Date	Sample Time	Preserved	Matrix	Container Type	# of Cont	8021 (BTEX, MTBE)	8015m (Gasoline)	8015m (Diesel)	8260B (GC/MS Confirmation of MTBE)									HOLD	Special Instructions
1	FD1.2-11B030828	8/28/03	1100	N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA 3 encore - 1 SS Jar	4	✓	✓	✓	✓										UR38148A-24
2				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA															
3				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA															
4				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA															
5				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA															
6				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA															
7				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA															
8				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA															
9				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA															
10				Y N	S L G	Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA															

Relinquished by:	Date:	Received By:	Date/Time
[signature]	8/28/03	Alan Sun	8/28/03 1:10
Relinquished by:	Date:	Received By:	Date/Time:
Relinquished by:	Date:	Received By:	Date/Time:

Turnaround Time. (Check)
Same Day ___ 72 Hour ___
24 Hour: ✓ 5 Day ___
48 Hour: ___ Standard ___

Lab Use Only
Cooler Temperature*: 4°C
*Record upon arrival

URS

S=Solid L=Liquid G=Gas White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

APPENDIX F
DATA VALIDATION REPORTS

Level III Data Validation Summary

PROJECT: TA Realty Irwindale
LABORATORY: Southland Technical Services, Inc. (STS)
MATRIX: Soil
LAB PROJECT #: UR307147
SAMPLES: See table below

Field ID	QC Designations	Lab ID	TPH-Gasoline	TPH-Diesel	BTEX, MTBE, Fuel Oxygenates
T1A-17-030723		UR307147-1	X	X	X
T1B-17-030723		UR307147-2	X	X	X
Dup1-030723	Field duplicate of T1B-17-030723	UR307147-3	X	X	X
T2A-17-030723		UR307147-4	X	X	X
T2B-17-030723		UR307147-5	X	X	X
T3B-17-030723		UR307147-6	X	X	X
T3A-17-030723		UR307147-7	X	X	X
UP1-5.5-030723		UR307147-8	X	X	X
FD1-4-030723		UR307147-9	X	X	X
FD2-4-030723		UR307147-10	X	X	X
FD3-4-030723		UR307147-11	X	X	X
FD4-4-030723		UR307147-12	X	X	X
SFD1-3-030723		UR307147-13	X	X	X
SFD2-4-030723		UR307147-14	X	X	X
SFD3-4-030723		UR307147-15	X	X	X
SFD4-4-030723		UR307147-16	X	X	X
FD6-4-030723		UR307147-17	X	X	X
FD5-4-030723		UR307147-18	X	X	X
Dup2-030723	Field duplicate of FD5-4-030723	UR307147-19	X	X	X
SPW-1-030723		UR307147-20	X	X	X
SPE-1-030723		UR307147-21	X	X	X
TB1-030723	Trip Blank				
UP2-3-030723		UR307147-22	X	X	X
UP3-3-030723		UR307147-23	X	X	X

Date Sampled: 7/23/03
TPH-Gasoline= Total petroleum hydrocarbon – gasoline range (C4-C12), TPH-Diesel= Total petroleum hydrocarbon – diesel range (C13-C23)
Fuel Oxygenates = t-butyl alcohol (TBA), t-amyl methyl ether (TAME), di - isopropyl ether (DIPE), ethyl-t-butyl ether (ETBE), Methyl t-butyl ether (MTBE). BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes.
STS is certified by California Department of Health Services, Environmental Laboratory Accreditation Program, ELAP Certificate Number 1986

DATA REVIEW MATRIX

QC Parameter	TPH-Gasoline EPA8015M	TPH-Diesel EPA8015M	BTEX, MTBE, Fuel Oxygenates EPA8260B
Chain-of-custody (COC)	✓	✓	✓
Sample Receipt	✓	✓	✓
Holding Times	✓	✓	✓
Method Blank	✓	✓	✓
Surrogate Recovery	✓	(2)	✓
Laboratory Control Sample	✓	✓	✓
Matrix Spike	✓(1)	✓(3)	✓(4)
Duplicate or Spike Duplicate	✓(1)	✓(3)	✓(4)
Field Duplicate	✓	✓	✓
Trip Blank	NA	NA	NA

✓ = Quality control evaluation criteria met. NA = Not Applicable or Not Analyzed

Notes:

1. MS/MSD was conducted on sample FD3-4-030723. The results were within acceptance criterion.
2. Surrogate recovery was outside of acceptance limits for TPH-diesel analysis for three samples (FD1-4-030723, FD2-4-030723, SFD2-4-030723). Consequently for these samples the TPH-diesel results were qualified as estimated (J) to reflect the potential of high bias.
3. MS/MSD was conducted on sample T1A-17-030723. The results were within acceptance criterion.
4. MS/MSD was conducted on sample T1B-17-030723. The results were within acceptance criterion.

Summary: Based on this Level III validation covering the QC parameters listed in the table above, these data are considered to be useable for meeting project objectives. However, the data user must evaluate the ultimate usability of the data based on the reporting limits obtained. The table below lists the detection limits obtained for undiluted samples.

Analyte	Detection Limits Obtained
TPH-Diesel	10
TPH-Gasoline	1
Benzene, Toluene, Ethyl Benzene	0.002
Total Xylenes	0.004
MTBE	0.005
TBA	0.02
Other Oxygenates	0.005

Soil units are milligrams per kilogram (mg/kg).

Four samples (T1A-17-030723, FD1-4-030723, FD2-4-030723, SFD2-4-030723) required dilution for the EPA 8260B analysis. For these samples, there are also non-detect BTEX and fuel oxygenates results with elevated reporting limits. The data user must evaluate the utility of non-detect BTEX, and fuel oxygenates results with elevated reporting limits.

Level III Data Validation Summary

PROJECT: TA Realty Irwindale
LABORATORY: Southland Technical Services, Inc. (STS)
MATRIX: Soil
LAB PROJECT #: UR308148
SAMPLES: See table below

Field ID	QC Designations	Lab ID	TPH-Gasoline	TPH-Diesel	BTEX, MTBE	MTBE Confirmation
SFD2-9.5B-030827		UR308148-1	X	X	X	
SFD2-9.5N-030827		UR308148-2	X	X	X	
SFD3-8.0B-030827		UR308148-3	X	X	X	
SFD3-8.0S-030827		UR308148-4	X	X	X	
FD1/2-9.5B-030827		UR308148-5	X	X	X	
FD1/2-9.5E-030827		UR308148-6	X	X	X	
FD1/2-9.5N-030827		UR308148-7	X	X	X	
FD1/2-9.5S-030827		UR308148-8	X	X	X	
FD1/2-9.5W-030827		UR308148-9	X	X	X	
FD1/2-9.5SE2-030827		UR308148-10	X	X	X	
T2A-21B-030827		UR308148-11	X	X	X	
T2A-21S-030827		UR308148-12	X	X	X	
T2A-21W-030827		UR308148-13	X	X	X	
T2A-21N-030827		UR308148-14	X	X	X	
T2A-21E-030827		UR308148-15	X	X	X	X
SFD3-8.0E-030827		UR308148-16	X	X	X	
SFD3-8.0W-030827		UR308148-17	X	X	X	
SFD2-9.5S-030827		UR308148-18	X	X	X	
SFD2-9.5E-030827		UR308148-19	X	X	X	
SPW-030827		UR308148-20	X	X	X	
SPE-030827		UR308148-21	X	X	X	
SPS-030827		UR308148-22	X	X	X	
SFD3-8.0N-030827		UR308148-23	X	X	X	
FD1,2-11B030828		UR308148-24	X	X	X	

Date Sampled: 8/27/03 and 8/28/03
TPH-Gasoline= Total petroleum hydrocarbon – gasoline range (C4-C12), TPH-Diesel= Total petroleum hydrocarbon – diesel range (C13-C23)
MTBE = Methyl t-buryl ether , BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes.
STS is certified by California Department of Health Services, Environmental Laboratory Accreditation Program. ELAP Certificate Number 1986

DATA REVIEW MATRIX

QC Parameter	TPH-Gasoline EPA8015M	TPH-Diesel EPA8015M	BTEX, MTBE EPA8021B	MTBE Confirmation EPA 8260B
Chain-of-custody (COC)	✓	✓	✓	✓
Sample Receipt	✓	✓	✓	✓
Holding Times	✓	✓	✓	✓
Method Blank	✓	✓	✓	✓
Surrogate Recovery	✓	✓	✓	✓
Laboratory Control Sample	✓	✓	✓	✓
Matrix Spike	✓(1)	✓(2)	✓(1)	✓(3)
Duplicate or Spike Duplicate	✓(1)	✓(2)	✓(1)	✓(3)

✓ = Quality control evaluation criteria met.

Notes:

1. MS/MSD was conducted on sample SFD3-8.0E-030827. The results were within acceptance criterion.
2. MS/MSD was conducted on sample T2A-21S-030827. The results were within acceptance criterion.
3. MS/MSD was conducted on a non-site related sample matrix; therefore, the MS/MSD results obtained may not be fully representative of the accuracy and precision of the analysis on the site-specific sample matrix.

Summary: Based on this Level III validation covering the QC parameters listed in the table above, these data are considered to be useable for meeting project objectives. However, the data user must evaluate the ultimate usability of the data based on the reporting limits obtained. The table below lists the detection limits obtained for undiluted samples.

Analyte	Detection Limits Obtained
TPH-Diesel	10
TPH-Gasoline	1
Benzene, Toluene, Ethyl Benzene	0.005
Total Xylenes	0.015
MTBE (8021B)	0.01
MTBE (8260B)	0.005

Soil units are milligrams per kilogram (mg /kg).

APPENDIX G

DISPOSAL DOCUMENTATION FOR RINSEATE WATER

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See instructions on back of page 6. ICS

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAQ000236800 | Manifest Document No.: 9 9 0 0 1 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
T A Associates Realty
201 Dove St. #860 Newport Beach, Ca. 92660

4. Generator's Phone: (949) 852-2030

A. State Manifest Document Number: 2240316 5

5. Transporter 1 Company Name: Nieto and Sons Trucking, Inc.
6. US EPA ID Number: CAT080001611 6
B. State Transporter's ID:
C. Transporter's Phone: (714) 990-6855

7. Transporter 2 Company Name
8. US EPA ID Number
D. State Transporter's ID (Optional)
E. Transporter's Phone

9. Designated Facility Name and Site Address
DeSenno Kerdoon
2000 N. Alameda Street
Compton, CA 90222
10. US EPA ID Number: CAT080013352
F. State Facility ID: (310) 537-7100
G. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Numbers
a. NON RCRA HAZARDOUS WASTE LIQUID	0 0 1	T T	1750	G	State: 221 / EPA/Other:
b.					State: / EPA/Other:
c.					State: / EPA/Other:
d.					State: / EPA/Other:

J. Additional Descriptions for Materials Listed Above: Drop off Location 5305 Riverside Rd Lowell, AZ
K. Handling Codes for Wastes Listed Above: T01

15. Special Handling Instructions and Additional Information
NO SMOKING
24 Hour Emergency Phone Number : 714-990-6855
Wear Appropriate Protective Clothing
Alternate Disposal Site : Crosby & Overton
1630 W. 17th Street (888) 827-6729
Long Beach, CA 90813 CAD028409019

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: William Schramm | Signature | Month 07 | Day 23 | Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Luis Rodriguez | Signature | Month 07 | Day 23 | Year 03

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: SOPHAL P. SIAV | Signature | Month 07 | Day 24 | Year 03

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, 1-800-852-7550

GENERATOR — TRANSPORTER — FACILITY

APPENDIX H
DISPOSAL DOCUMENTATION FOR SOIL

AZUSA LAND RECLAMATION CO.
1211 W. GLADSTONE
AZUSA CA 91702
626.334.0719

TICKET: 104594
DATE: 08/29/2003
TIME: 08:36 - 08:54

CUSTOMER: 113 / THERMAL REMEDIATION SOLUTIONS
GENERATOR: NA / Non App
ORIGIN: IRW / IRWINDALE
TRUCK: TRS4
COMMENT: DELGADO
CUYDS: 20

P.O.: SR0969
PROFILE #: NA
GROSS: 71880 LBS
TARE: 33440 LBS
LICENSE: 9B98620
NET: 38440 LBS
MANIFEST: 002

WASTE	QUANTITY	UNIT
PCS / CONTAMINATED SOIL	19.22	T

DRIVER:

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

IN: RAFAEL CHAVIRA

OUT: GABRIELA PEDROZA

AZUSA LAND RECLAMATION CO.
1211 W. GLADSTONE
AZUSA CA 91702
626.334.0719

TICKET: 104582
DATE: 08/29/2003
TIME: 07:57 - 08:09

CUSTOMER: 113 / THERMAL REMEDIATION SOLUTIONS
GENERATOR: NA / Non App
ORIGIN: IRW / IRWINDALE
TRUCK: TRS1
COMMENT: VICTORIA
CUYDS: 20

PROFILE #: NA
LICENSE: 9B87219
MANIFEST: 001

P.O.: SR0969
GROSS: 84400 LBS
TARE: 30880 LBS
NET: 53520 LBS

WASTE	QUANTITY	UNIT
PCS / CONTAMINATED SOIL	26.76	T

DRIVER:

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

IN: RAFAEL CHAVIRA

OUT: RAFAEL CHAVIRA

(4)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address

THE REALTY ASSOCIATES FUND
5305 RIVERGRADE IRWINDALE ,CA. 91706

4. Generator's Phone ( ) **714 - 893-6366 Mr. John White**

5. Transporter 1 Company Name: **JW Trucking** | 6. US EPA ID Number | A. Transporter's Phone: **909-822-2691**

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: **Thermal Remediation Solutions, 1211 West Gladstone Street, Azusa, Ca. 91702** | 10. US EPA ID Number | C. Facility's Phone: **626-338-3939**

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. **NON- Hazardous Soils (Petroleum hydrocarbon impacted)**	001	D.T.	18 ~~12~~	YD
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Approval # 2003135/SRO969

Site Contact: Howard Jones: 714-920-3819
Site Address: Same

Rule 1166, V.O.C. soils (YES)_____. OR (NO) _X_.

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: The Realty Associates Fund V L.P. | Signature: [signature] (Agent for Realty Fund V) | Month: 08 | Day: 29 | Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Juan O. Suarez | Signature: [signature] | Month: 08 | Day: 29 | Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: **DANE BROOKS** | Signature: [signature] | Month: 8 | Day: 29 | Year: 03

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 001 | 2. Page 1 of

3. Generator's Name and Mailing Address
THE REALTY ASSOCIATES FUND
5305 RIVERGRADE, IRWINDALE ,CA. 91706

4. Generator's Phone (714 -) 893-6366 Mr. John White

5. Transporter 1 Company Name: JW. Trucking | 6. US EPA ID Number | A. Transporter's Phone: 909-822-2691

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Thermal Remediation Solutions
1211 West Gladstone Street
Azusa, Ca. 91702

10. US EPA ID Number | C. Facility's Phone: 626-338-3939

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON- Hazardous Soils (Petroleum hydrocarbon impacted)	001	D.T.	12	YD
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Approval # 2003135/SRO969

Site Contact: Howard Jones: 714-920-3819
Site Address: Same

Rule 1166, V.O.C. soils (YES)____, OR (NO) X

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: The Realty Associates Fund L.P. | Signature | Month 08 Day 29 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Carlos N. Ruiz | Signature | Month 08 Day 29 Year 03

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 waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: DANE BROOKS | Signature | Month 8 Day 29 Year 03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

APPENDIX I
SOIL COMPACTION DATA

SMITH-EMERY LABORATORIES
An Independent Commercial Testing Laboratory, Established 1904

September 11, 2003

SEL File No.: 33152-1
SEL Report No.: 03-0697

Innovative Construction Solutions
Attn: John White
7125 Fenwick Lane #0
Westminster, CA 92638

RE: Innovative - Irwindale
5305 Rivergrade Road
Irwindale, CA

SUBJECT: COMPACTION TESTING

REPORT OF TESTS

In compliance with your request, Smith-Emery Laboratories has conducted standard compaction testing for the above referenced project.

Field density tests to determine relative compaction were conducted in accordance with ASTM D2922-91, nuclear method.

Test locations and results are presented on the attached Table 1. Laboratory compaction characteristics of soil tests were performed on representative samples in accordance with, ASTM D2922-91, five layer method. Test results are presented on the attached Table 2.

Respectfully submitted,

SMITH-EMERY LABORATORIES

Danny Randall
Operations Manager

NOTE: This report contains a weekly summary of compaction test results only and it should not be submitted to City or County grading departments as a certified compaction earth fill report.

DR/brc
cc: 2-Addressee

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SMITH-EMERY LABORATORIES
An Independent Commercial Testing Laboratory, Established 1904

September 11, 2003

SEL File No.: 33152-1
SEL Report No.: 03-0697

RE: Innovative - Irwindale
5305 Rivergrade Road
Irwindale, CA

TABLE NO. 1

ELEVATION KEY		METHOD KEY
SG-Subgrade	FS-Finish Surface	SC-Sandcone
FG-Finish Grade	FAB-Finish Agg. Base	NG-Nuclear Gauge
AB-Aggregate Base	BTM-Bottom	DT-Drive Tube

RESULTS OF DENSITY TESTS

Test No.	Date	Test Type	Elev. Depth (feet)	Moisture Content (%)	Dry Density (pcf)	Relative Compaction Field (%)	Relative Compaction Specified (%)	Soil Type
1	09/02/03	NG	BTM	3.1	114.6	97	90	1
LOCATION: Tank removal backfill East of existing awning								
2	09/02/03	NG	SG-14'	3.5	115.0	97	90	1
LOCATION: Tank removal backfill East of existing awning								
3	09/02/03	NG	SG-12'	2.8	115.7	98	90	1
LOCATION: Tank removal backfill East of existing awning								
4	09/02/03	NG	SG-10'	3.0	112.7	95	90	1
LOCATION: Tank removal backfill East of existing awning								
5	09/02/03	NG	SG-8'	3.2	111.2	94	90	1
LOCATION: Tank removal backfill East of existing awning								
6	09/02/03	NG	SG-6'	3.0	109.3	93	90	1
LOCATION: Tank removal backfill East of existing awning								
7	09/02/03	NG	SG-4'	2.9	113.1	96	90	1
LOCATION: Tank removal backfill East of existing awning								
8	09/02/03	NG	SG-2'	3.6	111.7	95	90	2
LOCATION: Tank removal backfill East of existing awning								
9	09/02/03	NG	FS	3.3	108.8	92	90	1
LOCATION: Tank removal backfill East of existing awning								
10	09/02/03	NG	FS	3.5	115.8	98	90	1
LOCATION: Dispenser Trench								

END of Table 1

Copyright © 2000 Smith-Emery Laboratories

SMITH-EMERY LABORATORIES
An Independent Commercial Testing Laboratory, Established 1904

September 11, 2003

SEL File No.: 33152-1
SEL Report No.: 03-0697

RE: Innovative - Irwindale
5305 Rivergrade Road
Irwindale, CA

TABLE NO. 2

RESULT OF LABORATORY COMPACTION CHARACTERISTICS OF SOIL TESTS

Soil Type	Description	Maximum Dry Density (PCF)	Optimum Moisture, (%)
#1	Sand w/ cobble	4.5	117.6

End of TABLE 2

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15636-39592

URS

WORK PLAN
UNDERGROUND STORAGE TANK
CLOSURE ASSESSMENT
FORMER HUGHES FAMILY MARKET
5305 RIVERGRADE ROAD
IRWINDALE, CALIFORNIA
FOR THE REALTY ASSOCIATES FUND V, L.P.

URS PROJECT NO. 29868258

MARCH 21, 2005

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A LADPW June 10, 2004 Correspondence

1.0 INTRODUCTION/SITE BACKGROUND

This Work Plan, prepared by URS Corporation (URS) on behalf of The Realty Associates Fund V, L.P., details the rationale and procedures for conducting additional assessment in the area of removed underground storage tanks (USTs) at the former Hughes Family Market distribution center and warehouse located at 5305 Rivergrade Road in the City of Irwindale, California (Figure 1). The additional assessment was requested by the County of Los Angeles Department of Public Works, Environmental Programs Division (LADPW) in correspondence dated June 10, 2004 (Appendix A).

On July 23, 2003, URS Corporation (URS) removed three 12,000-gallon USTs at the above-referenced property (Site). Two of the three USTs removed were used to store diesel fuel and one was used to store unleaded gasoline (Figure 2). The USTs were double-walled Plasteel with appropriate alarms, spill containment, and overflow protection devices installed to ensure against spills and leaks from the operating systems. These USTs were reportedly installed in 1992 and were last used in 1997-1998. URS personnel conducted the UST removals in accordance with the guidelines and under regulatory oversight of the LADPW.

Per the requirements of the UST closure permit, soil samples were obtained from beneath the removed USTs, product piping, and fuel dispensers using an excavator and/or backhoe. The soil samples were analyzed in a fixed laboratory for total petroleum hydrocarbons as gasoline (TPHg) and diesel fuel (TPHd), by EPA Method 8015M, and for volatile fuel constituents benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates Methyl tert-Butyl Ether (MTBE), Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME) and tert-Butanol (TBA) by EPA Method 8260B. A summary of the analytical results is provided on Table 1 and the soil sample locations are shown on Figure 2.

Following a review of the laboratory data, additional soil was excavated in the areas of fuel dispenser 1, fuel dispenser 2, satellite fuel dispenser 2, satellite fuel dispenser 3, and below the northern end of UST T2 where soil samples contained concentrations of TPHg or TPHd above 100 mg/kg. The excavation for impacted soil was conducted on August 27, 2003. The objective of this operation was to remove accessible soil affected with petroleum hydrocarbons prior to backfilling and repaving the former UST and fuel dispensing area. Soil was removed to a depth of several feet below the previous soil sampling locations. Specifically the soil beneath fuel dispensers 1 and 2 was removed to a depth of approximately 9½ feet below ground surface (bgs). Soil beneath satellite fuel dispenser 2 was removed to depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 3 was removed to a depth of approximately 8 feet bgs. Soil beneath removed UST T2 was removed to a depth of approximately 21 feet bgs. Following this round of excavation soil samples were taken from the bottom and sides of the excavation to verify soil conditions.

A review of laboratory analytical results for soil samples collected August 27, 2003 indicated further excavation was required in selected areas. This led to additional several feet of soil being removed from the areas of fuel dispenser 1 and fuel dispenser 2 on September 28, 2003. Additional soil was removed from the bottom of the excavation to a depth of approximately 11 feet bgs. Following this round of

excavation soil samples were taken from the excavation areas to confirm that impacted soil was removed from the area. Five samples were collected in the vicinity of the former UST tank number 2. Sixteen samples were collected from beneath the former fuel dispensers at various depths. A summary of the analytical results for the soil samples collected during August 27 and September 28, 2003 is provided in Table 2. The confirmation sample locations are shown on Figure 3.

Approximately 47 tons of petroleum hydrocarbon affected soil excavated from the areas of the UST T2 and fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 was transported to Thermal Remediation Solutions in Azusa, California for disposal/recycling.

Confirmatory sampling provided the following results: BTEX and MTBE were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from beneath UST T2 which contained 0.021 mg/kg of MTBE. However, this sample was re-analyzed for MTBE by EPA method 8260B and the MTBE detection was not confirmed and therefore is not considered valid. TPHg was detected in one soil sample collected beneath fuel dispensers 1 and 2 at concentration of 2.3 mg/kg. TPHd was detected in soil samples at concentrations ranging from 11 mg/kg to 481 mg/kg. It should be noted that additional soil was excavated in the area of the 481 mg/kg detection, and a second confirmation sample collected from this location yielded a non-detect concentration of TPHd.

In summary, confirmation samples collected from the excavations indicate the residual concentrations of TPHd remaining in soil do not exceed 15 mg/kg. Residual concentrations of toluene remaining in soil do not exceed 0.003 mg/kg. Residual concentrations of MTBE remaining in soil do not exceed 0.071 mg/kg (sample T1A-17-030723 collected from below the northern end of UST T1 at a depth of 17 feet bgs). During the field work it was decided that the residual concentrations could not be easily removed because the excavation was caving in and undermining the concrete slab adjacent to the excavation.

URS prepared a UST Removal Project Report dated November 3, 2003 for submittal to the LADPW which described the UST removal and soil excavation project in further detail. Following review of the UST Removal Project Report the LADPW issued a letter dated June 10, 2004 with additional closure requirements for the Site (Appendix A). The additional closure requirements for the site include "submit(ting) a work plan to define the lateral and vertical extent of contamination" and completing borings to minimum depth of 25 feet below the deepest detectable compound (or first groundwater)".

We have reviewed the data and believe the lateral extent of soil impacted with petroleum hydrocarbons and fuel oxygenates in the areas of the removed USTs and dispensers was effectively defined during the UST removal and soil excavation project conducted in 2003 and is detailed in the UST Removal Project Report (URS, Nov. 2003). It is the opinion of The Realty Associates Fund V, L.P. and URS that no further assessment of the lateral impact of petroleum hydrocarbons and fuel oxygenates in the areas of the removed USTs and dispensers should be required. Haley & Aldrich, Inc. contacted LADPW on behalf of The Realty Associates Fund V, L.P. to discuss the focus of the additional assessment. It is URS' understanding based on information provided from Haley & Aldrich, Inc. that the LADPW is concerned about the potential threat to groundwater resources from residual MTBE concentrations remaining in shallow subsurface soils at the Site.

The purpose of the additional assessment proposed in this Work Plan is to further define the vertical extent of MTBE impacted soil in the areas of removed UST T1 and UST T2. These locations were targeted because: 1) the area beneath removed UST T1 has the highest residual concentration of MTBE at 0.071 mg/kg at a depth of 17 feet bgs. and 2) UST T2 previously had elevated concentrations of TPHd and MTBE. although impacted soil was excavated from this area and confirmation samples collected contained non-detectable (ND) concentrations of TPHg. TPHd. BTEX and fuel oxygenates. Due to the existing canopy. these proposed boring locations are also the closest that a conventional drilling rig can get to removed fuel dispensers FD5 and FD6 where low detections of MTBE in residual shallow soil remain (0.05 and 0.014 mg/kg). This Work Plan is being submitted in response to the LADPW's additional closure requirements for the Site. The data collected from the additional assessment will be used to evaluate the Site for regulatory closure.

2.0 GEOLOGY AND HYDROGEOLOGY

The Site is located the northern half of the San Gabriel Valley approximately 3½ miles from the southern flank for the San Gabriel Mountains. The Site is bounded by the San Gabriel Riverbed to the northwest, by Rivergrade Road to the south and southeast, by Arrow Highway to the northeast, by the 605 Freeway to the west. The Santa Fe Flood Control Basin is located directly north of the Site.

Recent alluvium composed of unconsolidated deposits of gravel and sand occurs at ground surface in the area of the Site. Soil encountered in the UST excavations consisted of sands with gravel that caved easily during excavation. Boring log data for the vicinity indicates that primarily gravel or gravel and sand are present to the total depths of 300 to 500 feet bgs in the site vicinity. Boulders and cobbles are also present in shallow subsurface soils. Alluvial deposits consisting primarily of gravel, sand, silt, and clay are estimated to extend to depths of 1,000 to 2,000 feet bgs in the Site vicinity. Idealized cross-sections indicate the middle and upper Miocene age Puente and Topanga Formations underlie the alluvial deposits to undetermined depths. The Topanga and Puente Formations are marine deposits consisting of interbedded siltstones, sandstones, conglomerates, and shale (State of California DWR, 1966).

Hydrogeologically, the Site is located in the central area of the San Gabriel Valley groundwater basin. The basin is bounded on the north by the San Gabriel Mountains, on the east by uplifted subsurface bedrock between San Dimas and La Verne, on the southeast, south and west by the San Jose, Puente, Merced, and Repetto Hills, and on the northwest by the Raymond fault. The primary water bearing formations within the basin consist of unconsolidated and semi-consolidated Holocene and Pleistocene age sediments (State of California DWR, 1966).

Los Angeles County Well #4239H is located approximately 1700 feet southeast of the Site (Figure 1). Depth to groundwater in the well was last measured May 1, 2003 at 214.2 feet bgs (LADPW, September 2003). Based on this data, the depth to groundwater beneath the Site is estimated to be approximately 200 feet bgs. Based on the regional topography the direction of groundwater flow in the Site vicinity is estimated to be south-southwest.

3.0 SCOPE OF WORK

The project will be managed and field activities supervised by URS personnel under the direction of a California Registered Geologist. Methods to be utilized during the Limited Phase II Assessment are provided in the following sections.

3.1 HEALTH AND SAFETY PLAN

Prior to initiating the field activities, a site-specific health and safety plan will be prepared that:

- Identifies and describes potentially hazardous substances that could be encountered during field operations.
- Specifies protective equipment and clothing for onsite activities.
- Outlines measures to be implemented in the event of an emergency.

Field personnel will be required to review the health and safety plan prior to commencing with field activities. In addition, health and safety briefings will be conducted during the course of field activities. A copy of the health and safety plan will be kept onsite during field activities and will be archived in the project files upon completion of the field work.

3.2 UTILITY CLEARANCE

In accordance with California Assembly Bill AB 73, Underground Services Alert (USA) will be notified of our intent to conduct subsurface excavation at least 48 hours prior to initiation of intrusive field tasks. The proposed location of subsurface excavation will be clearly marked with white paint as required by California Code 4216. USA will contact utility owners of record within the vicinity and notify them of our intent to conduct subsurface excavation in proximity to buried utilities. The utility owners of record, or their designated agents, will clearly mark the position of their utilities on the ground surface throughout the area designated for drilling activities.

3.3 SOIL BORINGS AND SAMPLE COLLECTION

Two soil borings will be drilled to a target depth of 50 to 60 feet below ground surface (bgs) in the vicinity of the removed USTs to assess the vertical extent of petroleum hydrocarbon impacts (particularly MTBE) at the Site. One boring will be located at the northern end of UST T1 and one boring will be located at the northern end of UST T2. The proposed boring locations are shown on Figure 4.

Sonic drilling is the proposed method for reaching the target depths of 50 to 60 feet bgs. Drilling contractors were contacted by URS to discuss appropriate drilling methods for the Site. Due to Site's proximity to the San Gabriel Mountains subsurface soils in the site vicinity contain a large percentage of cobbles and boulders. Hollow stem auger (HSA) drill rigs commonly used for subsurface drilling and sampling in the Los Angeles Basin have encountered drill refusal at depths less than 10 feet bgs in the Site vicinity. Sonic drilling consists of advancing drill pipe utilizing high speed vibration and low speed

rotation combined with down-pressure. This drilling method is often successful in drilling through course unconsolidated geologic formations comprised of cobbles and boulders.

Core samples will be collected from the boring adjacent to the canopy and east of former fuel dispensers 1 and 2 at five foot intervals beginning at five feet bgs. Core samples will be collected from the boring at the northern end of removed UST T2 at five foot intervals beginning at a depth of 25 feet bgs (soil analytical data for the upper 21 feet in this area was collected during the soil excavation activities). The soil cores will be logged using the Unified Soil Classification System (USCS) and screened in the field for VOCs using a Photo Ionization Detector (PID). Soil boring logs including PID screening results will be provided in the project report.

Soil samples to be analyzed for volatile organic compounds (VOCs) will be collected from the sample cores using Encore™ samplers in accordance with EPA method 5035 protocol required by the Regional Water Quality Control Board, Los Angeles Region (RWQCB). Soil samples will be properly sealed, labeled, and recorded on a chain of custody document. The sample labels affixed to the samples will include the following information; sample designation, sample number, sample depth, date, collector initials, site/client name, and time of collection. The sealed and labeled samples will placed in an ice chest maintained at a temperature of three to seven degrees centigrade and transported, under chain of custody, to a California Department of Health Services accredited laboratory for analysis. Completed chain of custody documents will be provided in the project report.

Sampling equipment will cleaned after each sampling interval by washing with a dilute Alconox solution followed by rinsing with fresh water, final rinsing with distilled water, and air-drying.

3.4 Laboratory Analytical Program

The soil samples will be analyzed for TPHg and TPHd by EPA Method 8015M. The soil samples will also be analyzed for BTEX and the fuel oxygenate MTBE by EPA Method 8260B.

3.5 Waste Management

Investigation derived waste generated during the drilling program will be placed in 55-gallon UN-approved drums. The drums will be properly labeled with the date, contents, and generator information and temporarily stored onsite. The drums will be profiled for disposal at an appropriate facility following receipt of laboratory analytical results. Waste disposal documentation will be provided in the project report.

3.6 Backfill And Resurfacing

The soil borings will be backfilled with hydrated bentonite chips resurfaced with concrete.

4.0 REPORT PREPARATION

Data collected during the limited phase II assessment will be used to prepare a project report signed by a registered geologist that will include the following:

- Descriptions of field investigation methods.
- Boring logs
- Laboratory Analytical Reports and Chain of Custody documents.
- Tables summarizing analytical results.
- Site maps showing boring locations.
- Waste disposal documentation.
- Findings and conclusions regarding the vertical impacts of petroleum hydrocarbons at the site.
- A Site closure analysis based on LADPW and RWQCB guidelines.

7.0 REFERENCES

California Department of Water Resources (CDWR). Southern District. *Bulletin No. 104-2 Planned Utilization of the Groundwater Basins San Gabriel Valley, APPENDIX A: Geohydrology*. March 1966.

Los Angeles County Department of Public Works. Groundwater Depths. Phone: (626) 458-6120. Contacted September 9, 2003.

URS. Project Report. UST Removal Former Hughes Family Market. 5305 Rivergrade Road. Irwindale. California for the Realty Associates Fund V, L.P.

USGS Topographic Map. 7.5 minute series. Baldwin Park Quadrangle. CA; 1966. photorevised 1981

TABLES

Table 1
UST Removal Soil Analytical Results
The Realty Associated Fund
Former Hughes Market Facility
5305 Rivergrade Road
Irwindale, California

Sample ID	Sample Date	Notes	Location	LABORATORY ANALYTICAL RESULTS										
				TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
T1A-17-030723	7/23/2003		Below southern end of Tank 1	<1	<10	<0.005	<0.005	<0.005	<0.010	0.071	<0.0125	<0.0125	<0.0125	<0.05
T1B-17-030723	7/23/2003		Below southern end of Tank 1	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
DUP1-030723	7/23/2003	1	Below southern end of Tank 1	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T2A-17-030723	7/23/2003		Below southern end of Tank 2	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T2A-17 (Other end)	7/23/2003	2	Below southern end of Tank 2	--	1,790	<0.002	0.106	0.110	0.68	0.083	<0.005	<0.005	<0.005	<0.020
T2B-17-030723	7/23/2003		Below southern end of Tank 2	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T3B-17-030723	7/23/2003		Below southern end of Tank 3	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T3A-17-030723	7/23/2003		Below southern end of Tank 3	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
UP-1-5.5-030723	7/23/2003		Underground piping	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
UP2-3-030723	7/23/2003		Underground piping	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
UP3-3-030723	7/23/2003		Underground piping	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
FD1-4-030723	7/23/2003		Fuel Dispenser 1	135	2,450	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.100
FD2-4-030723	7/23/2003		Fuel Dispenser 2	368	3,750	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.100
FD3-4-030723	7/23/2003		Fuel Dispenser 3	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
FD4-4-030723	7/23/2003		Fuel Dispenser 4	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
FD6-4-030723	7/23/2003		Fuel Dispenser 6	<1	<10	<0.002	<0.002	<0.002	<0.004	0.05	<0.005	<0.005	<0.005	<0.020
FD5-4-030723	7/23/2003		Fuel Dispenser 5	<1	10	<0.002	0.003	<0.002	<0.004	0.014	<0.005	<0.005	<0.005	<0.020
DUP2-030723	7/23/2003	1	Fuel Dispenser 5	<1	15	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SFD1-3-030723	7/23/2003		Satellite Fuel Dispenser 1	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SFD2-4-030723	7/23/2003		Satellite Fuel Dispenser 2	305	6,340	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.100
SFD3-4-030723	7/23/2003		Satellite Fuel Dispenser 3	1	114	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SFD4-4-030723	7/23/2003		Satellite Fuel Dispenser 4	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SPW-1-030723	7/23/2003		Backfill Stockpile	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SDE-4-030723	7/23/2003		Backfill Stockpile	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020

Notes/Explanations:

1 - Duplicate sample

2 - Analysis results from soil sample taken and not Enconet(R) samples

mg/kg = milligrams/kilogram

"--" = Not analyzed

TPHg = Total Petroleum Hydrocarbons as gasoline range hydrocarbons by EPA Method 8015 (modified)

TPHd = Total Petroleum Hydrocarbons as diesel range hydrocarbons by EPA Method 8015 (modified)

BTEX, MTBE, ETBE, DIPE, TAME, and TBA by EPA Method 8260B

MTBE - Methyl Tertiary Butyl Ether

ETBE - Ethyl Tertiary Butyl Ether

DIPE - Di-isopropyl Ether

TAME - Tertiary Amyl Methyl Ether

TBA - Tertiary Butyl Alcohol

Table 2
Soil Excavation Analytical Results
The Realty Associated Fund
Former Hughes Market Facility
5305 Rivergrade Road
Irwindale, California

Sample ID	Sample Date	Location	LABORATORY ANALYTICAL RESULTS						
			TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)
T2A-21B-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21S-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21W-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21N-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21E-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	**0.021**
SFD2-9.5B-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD2-9.5N-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD2-9.5S-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD2-9.5E-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0B-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0S-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0E-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0W-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0N-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5B-030827	8/27/2003	Fuel Dispensers 1 and 2	**2.3**	**48[**]	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5E-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5N-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5S-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5W-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5E2-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	**11**	<0.005	<0.005	<0.005	<0.015	<0.01
SPW-030827	8/27/2003	Offhaul Stockpile	<1	**49**	<0.005	<0.005	<0.005	<0.015	<0.01
SPE-030827	8/27/2003	Offhaul Stockpile	<1	**29**	<0.005	<0.005	<0.005	<0.015	<0.01
SPS-030827	8/27/2003	Offhaul Stockpile	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-11B-030828	8/28/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01

Notes/Explanations

mg/kg = milligrams/kilogram
TPHg = Total Petroleum Hydrocarbons as gasoline range hydrocarbons by EPA Method 8015 (modified)
TPHd = Total Petroleum Hydrocarbons as diesel range hydrocarbons by EPA Method 8015 (modified).
BTEX and MTBE by EPA Method 8021B with 8260B confirmation for MTBE
MTBE - Methyl Tertiary Buthyl Ether

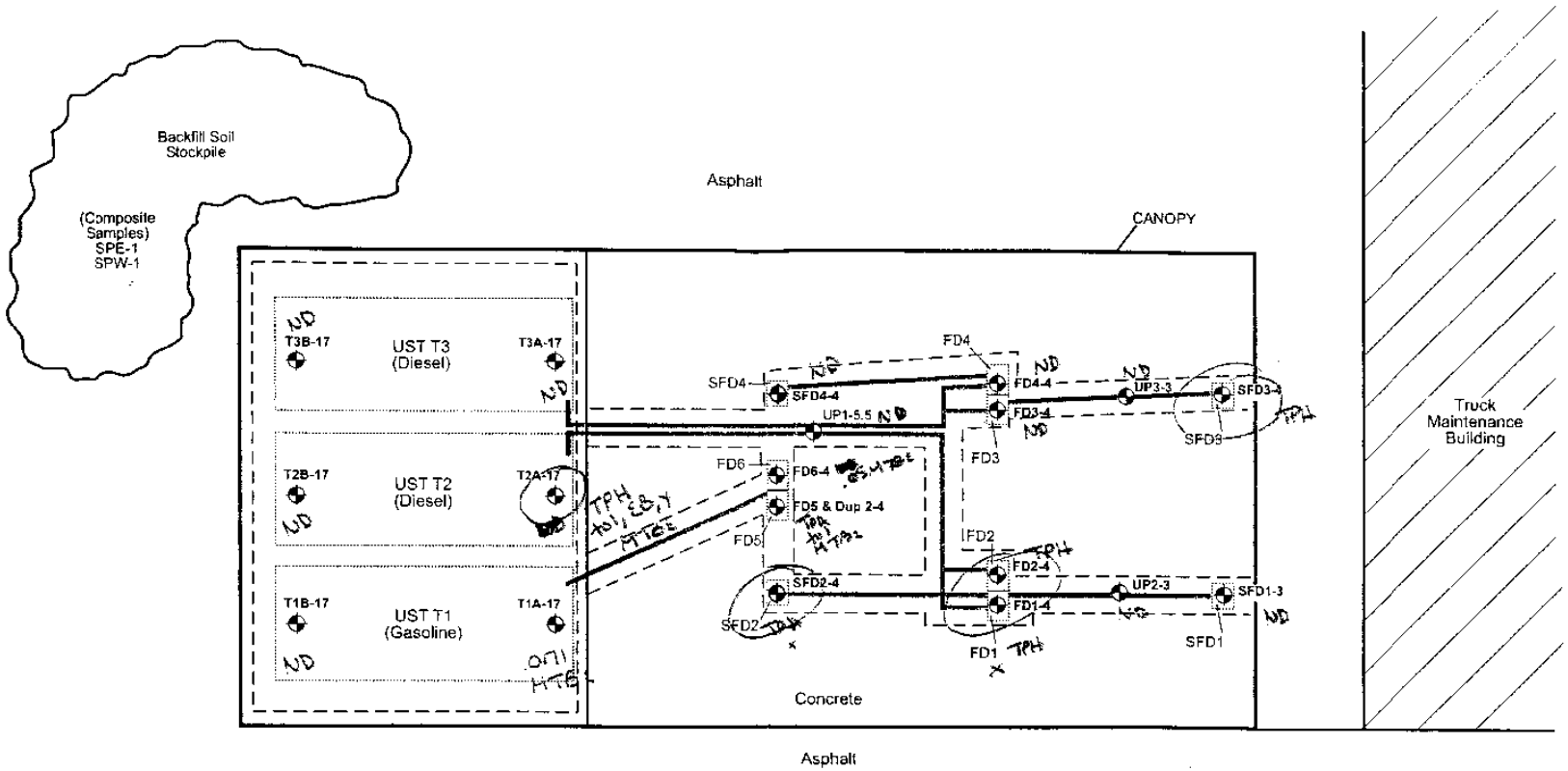


SITE VICINITY MAP

Project No.: 29868258	Date: MARCH 2005	Project: THE REALTY ASSOCIATED FUND	Figure 1

URS

G:\128\TA Realty\Irwindale\2005 Assesment\site vic



LEGEND

- Former UST Location
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- FD1-4 — Soil Sample Location and Designation
- Excavation Limits
- Former Product Piping

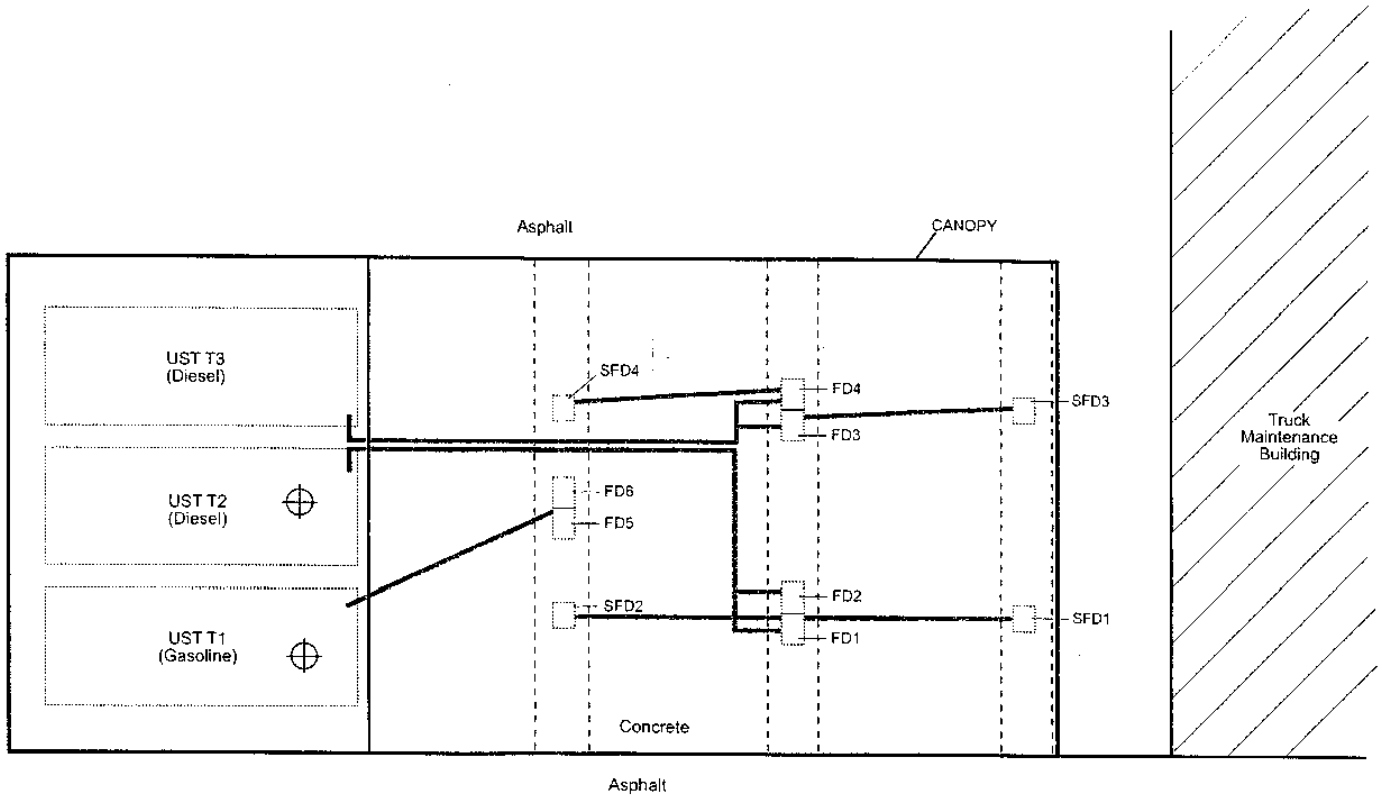
0 10' 20'

Scale in Feet

SOIL SAMPLE LOCATIONS DURING UST REMOVAL

Project: THE REALTY ASSOCIATED FUND	
Project No.: 29868258	Figure 2
Date Sampled: JULY 23, 2003	

G:\1287A REALTY\FIRWINDALE\UST removal.FH10 8/03



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping
- Proposed Boring Locations

N

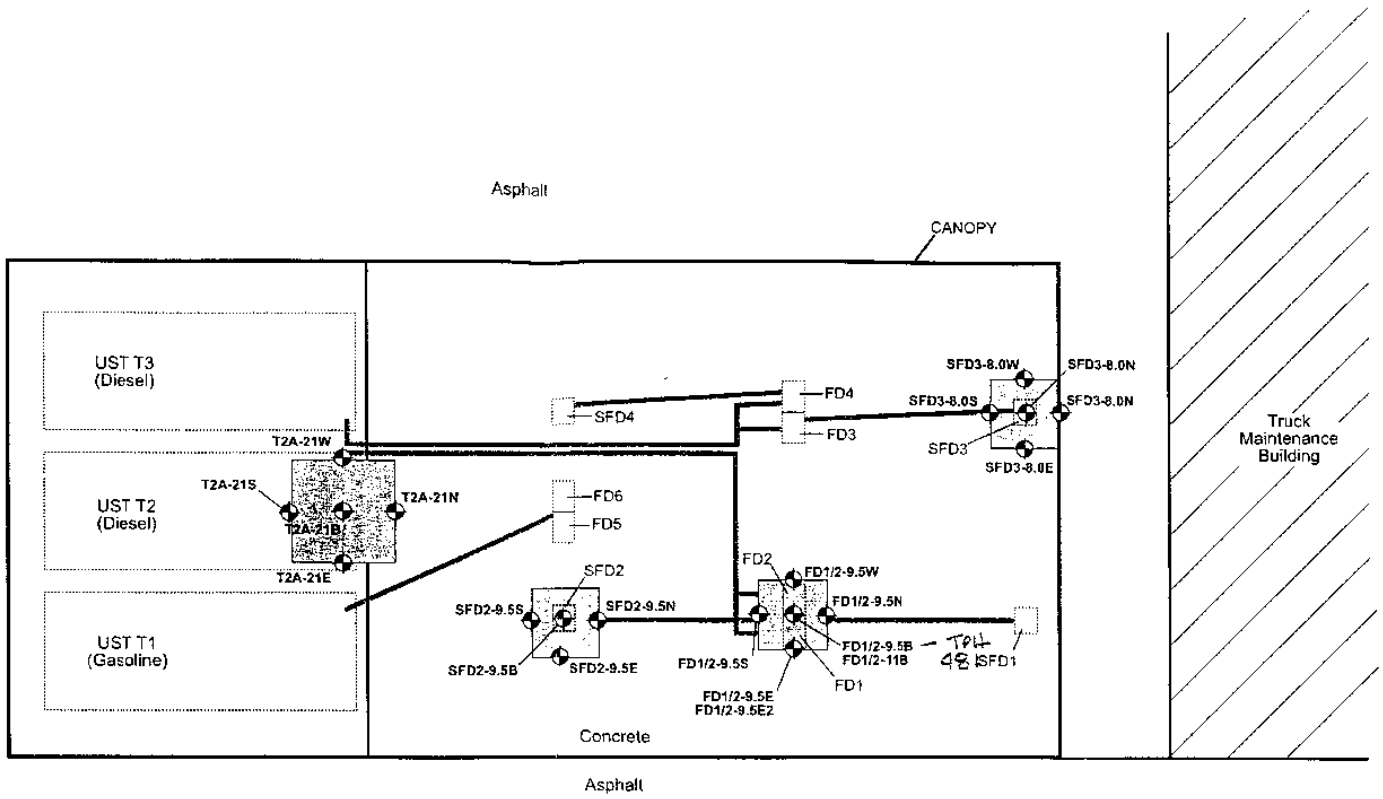
0 10' 20'

Scale in Feet

PROPOSED BORING LOCATION

Project: THE REALTY ASSOCIATED FUND	
Project No.: 29868258	Figure 4
Date: MARCH 2005	

G:\1287A REALTY\Riverdale\2005 Assessment\proposed boring locations.FH10



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping
- T2A-21N — Soil Sample Location and Designation
- Limit of Soil Excavation

N

0 10' 20'

Scale in Feet

SOIL EXCAVATION AREAS AND CONFIRMATION SAMPLE LOCATIONS

Project: THE REALTY ASSOCIATED FUND

Project No.: 29868258

Date Sampled: 7/23/03 and 8/27-8/28/03

Figure 3

IRS

G:\128\TA Realty\Irwindale\2005\Assesment\over excav.FH10 3/05

APPENDIX A

LADPW June 10, 2004 Correspondence

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 10, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano, CA 92675

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE REPORT
CLOSURE PERMIT NUMBER 373090
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This office has reviewed the closure report dated November 3, 2003, for the subject facility.

In order to better evaluate the report, the information indicated on the enclosed Additional Closure Requirements sheet must be submitted to this office by August 18, 2004.

If you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

JUN 24 2004

AN:cn
C:MyFiles/ADIS04/04Ltrs/W/Wohl/C415689

Enc.

cc: URS (J. S. Rowlands)

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete evaluation of Closure Permit No. 373090.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

[ ] Insufficient number of samples was obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[X] Submit logs certified by a CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at Department of Health Services certified laboratory.

[ ] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil/tank rinsate with the signature of the disposal facility owner/operator.

[ ] Evidence of legal disposal of soils designated as non-hazardous.

[X] Signature on the report is required of CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils. The report must clearly indicate that all soil sampling was done under the supervision of the registered professional.

[X] Submit a work plan to define the lateral and vertical extent of contamination.

[X] Complete borings to groundwater or complete borings which penetrate to a minimum depth of 25 feet below the deepest detectable contamination. Borings shall be sampled and analyzed at five-foot intervals. EPA 5035 soil sampling guidelines must be utilized. All samples shall be analyzed for BTEX, MTBE, and oxygenate compounds using EPA 8260B, and for gasoline and diesel using EPA 8015(M). A voluntary cleanup oversight fee of $443 must be submitted for the review of future submittals regarding this site.

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 10, 2004

IN REPLY PLEASE
REFER TO FILE EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano. CA 92675

HAZARDOUS MATERIALS UNDERGROUND STORAGE TANKS
LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This letter is to inform you of legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within 20 calendar days of receipt of this notice, the assessor parcel number(s) for the site and a complete mailing list of all current record owners of fee title to the site. You may use the enclosed list of landowners form (sample letter 2) to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

In accordance with Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

1) Consider a cleanup proposal (corrective action plan)
2) Consider a site closure proposal
3) Make a determination that no further action is required
4) Issue a closure letter

You may use the enclosed notice of proposed action form (sample letter 3) to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please submit the certification within 20 days from the date of this letter. June 30 Th

Initial voluntary cleanup oversight fee of $443 must be paid prior to any report review. An additional fee of $147 per hour will be charged for each hour of assessment review which exceeds the initial three-hour review estimation.

Should you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

AN:cn
C:\MyFiles\ADI\S04\04Ltrs\WI\Wohl\1\415690

Enc.

cc: California Regional Water Quality Control Board (Yue Rong)

EFR/SLPR

15636-38592

SLPR

URS

SCANNED TO DMS JUL 11 2012

WORK PLAN
UNDERGROUND STORAGE TANK
CLOSURE ASSESSMENT
FORMER HUGHES FAMILY MARKET
5305 RIVERGRADE ROAD
IRWINDALE, CALIFORNIA
FOR THE REALTY ASSOCIATES FUND V, L.P.

URS PROJECT NO. 29868258

MARCH 21, 2005

C4496340

C4156B9

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A LADPW June 10, 2004 Correspondence

URS

March 21, 2005

Mr. Eric Rodriguez
County of Los Angeles
Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RE: **Former Hughes Family Market**
5305 Rivergrade Road
Irwindale, CA 91706
DPW Permit Application No. 373090
CUPA No. W819505
For The Realty Associates Fund V, L.P.

Dear Mr. Rodriguez:

The following are responses to comments and requirements listed in the June 10, 2004 County of Los Angeles Department of Public Works, Environmental Programs Division (LADPW) correspondence following their review of the report submittal listed below for the above referenced site:

- URS' *Project Report UST Removal* dated November 3, 2003.

The LADPW comments regarding additional closure requirements are italicized and URS' responses are provided in regular text below each comment.

1. *Submit logs certified by a CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils for all borings.*

   No soil borings were drilled during the UST removal project. Therefore, no soil boring logs were submitted with the project report.

2. *Signature on the report is required of CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils. The report must clearly indicate that all soil sampling was done under the supervision of the registered professional.*

   The report is signed by J.S. Rowlands, registered CA geologist #7013 and registered certified hydrogeologist #715. Section 3.0 Scope of Work (page 3-1) of the report states that "The project was managed and field activities were supervised by URS personnel under the direction of a California Registered Geologist." The field activities would include soil sample collection, which was conducted by URS.

URS Corporation
2020 East First Street, Suite 400
Santa Ana, CA 92705
Tel: 714.835.6886
Fax: 714.667.7147

3. *Submit a work plan to define the lateral and vertical extent of contamination.*

   A work plan to define the vertical extent of petroleum hydrocarbon impact in the areas of the removed USTs and dispensers has been submitted to the LADPW with this letter. The lateral extent of impact was previously defined and is documented in URS' *Project Report UST Removal* dated November 3, 2003.

4. *Complete borings to groundwater or complete borings which penetrate to a minimum depth of 25 feet below the deepest detectable contamination. Borings shall be sampled and analyzed at five-foot intervals. EPA 5035 soil sampling guidelines must be utilized. All samples shall be analyzed for BTEX, MTBE, and oxygenate compounds using EPA 8260B, and for gasoline and diesel using EPA 8015(M). A voluntary cleanup oversight fee of $433 must be submitted for the review of future submittals regarding this site.*

   Comment acknowledged. The work plan submitted with this letter addresses the boring depths and required analytical methods. A check for the voluntary cleanup oversight fee of $433 is included with this submittal.

If this letter and the submitted work plan do not sufficiently address the items outlined in the LADPW's June 10, 2004 correspondence, Wohl Property Group and URS would like to schedule a meeting with the LADPW to further discuss any outstanding issues related the site closure efforts. Please contact me directly at (714) 433 - 7622 if you have any questions or comments regarding the responses to LADPW comments and requirements.

Respectfully submitted,
URS Corporation

S. Tariq Hussain
Project Manager
URS Corporation
2020 East First Street
Santa Ana, CA 92705

cc: Mr. Mr. Scott Amling, TA Realty
Mr. Emil Wohl, Wohl Properties
Ms. Maureen Hill Collins, Haley & Aldrich, Inc.

1.0 INTRODUCTION/SITE BACKGROUND

This Work Plan, prepared by URS Corporation (URS) on behalf of The Realty Associates Fund V, L.P., details the rationale and procedures for conducting additional assessment in the area of removed underground storage tanks (USTs) at the former Hughes Family Market distribution center and warehouse located at 5305 Rivergrade Road in the City of Irwindale, California (Figure 1). The additional assessment was requested by the County of Los Angeles Department of Public Works, Environmental Programs Division (LADPW) in correspondence dated June 10, 2004 (Appendix A).

On July 23, 2003, URS Corporation (URS) removed three 12,000-gallon USTs at the above-referenced property (Site). Two of the three USTs removed were used to store diesel fuel and one was used to store unleaded gasoline (Figure 2). The USTs were double-walled Plasteel with appropriate alarms, spill containment, and overflow protection devices installed to ensure against spills and leaks from the operating systems. These USTs were reportedly installed in 1992 and were last used in 1997-1998. URS personnel conducted the UST removals in accordance with the guidelines and under regulatory oversight of the LADPW.

Per the requirements of the UST closure permit, soil samples were obtained from beneath the removed USTs, product piping, and fuel dispensers using an excavator and/or backhoe. The soil samples were analyzed in a fixed laboratory for total petroleum hydrocarbons as gasoline (TPHg) and diesel fuel (TPHd), by EPA Method 8015M, and for volatile fuel constituents benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates Methyl tert-Butyl Ether (MTBE), Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME) and tert-Butanol (TBA) by EPA Method 8260B. A summary of the analytical results is provided on Table 1 and the soil sample locations are shown on Figure 2.

Following a review of the laboratory data, additional soil was excavated in the areas of fuel dispenser 1, fuel dispenser 2, satellite fuel dispenser 2, satellite fuel dispenser 3, and below the northern end of UST T2 where soil samples contained concentrations of TPHg or TPHd above 100 mg/kg. The excavation for impacted soil was conducted on August 27, 2003. The objective of this operation was to remove accessible soil affected with petroleum hydrocarbons prior to backfilling and repaving the former UST and fuel dispensing area. Soil was removed to a depth of several feet below the previous soil sampling locations. Specifically the soil beneath fuel dispensers 1 and 2 was removed to a depth of approximately 9½ feet below ground surface (bgs). Soil beneath satellite fuel dispenser 2 was removed to depth of approximately 9½ feet bgs. Soil beneath satellite fuel dispenser 3 was removed to a depth of approximately 8 feet bgs. Soil beneath removed UST T2 was removed to a depth of approximately 21 feet bgs. Following this round of excavation soil samples were taken from the bottom and sides of the excavation to verify soil conditions.

A review of laboratory analytical results for soil samples collected August 27, 2003 indicated further excavation was required in selected areas. This led to additional several feet of soil being removed from the areas of fuel dispenser 1 and fuel dispenser 2 on September 28, 2003. Additional soil was removed from the bottom of the excavation to a depth of approximately 11 feet bgs. Following this round of

excavation soil samples were taken from the excavation areas to confirm that impacted soil was removed from the area. Five samples were collected in the vicinity of the former UST tank number 2. Sixteen samples were collected from beneath the former fuel dispensers at various depths. A summary of the analytical results for the soil samples collected during August 27 and September 28, 2003 is provided in Table 2. The confirmation sample locations are shown on Figure 3.

Approximately 47 tons of petroleum hydrocarbon affected soil excavated from the areas of the UST T2 and fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 was transported to Thermal Remediation Solutions in Azusa, California for disposal/recycling.

Confirmatory sampling provided the following results: BTEX and MTBE were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from beneath UST T2 which contained 0.021 mg/kg of MTBE. However, this sample was re-analyzed for MTBE by EPA method 8260B and the MTBE detection was not confirmed and therefore is not considered valid. TPHg was detected in one soil sample collected beneath fuel dispensers 1 and 2 at concentration of 2.3 mg/kg. TPHd was detected in soil samples at concentrations ranging from 11 mg/kg to 481 mg/kg. It should be noted that additional soil was excavated in the area of the 481 mg/kg detection, and a second confirmation sample collected from this location yielded a non-detect concentration of TPHd.

In summary, confirmation samples collected from the excavations indicate the residual concentrations of TPHd remaining in soil do not exceed 15 mg/kg. Residual concentrations of toluene remaining in soil do not exceed 0.003 mg/kg. Residual concentrations of MTBE remaining in soil do not exceed 0.071 mg/kg (sample T1A-17-030723 collected from below the northern end of UST T1 at a depth of 17 feet bgs). During the field work it was decided that the residual concentrations could not be easily removed because the excavation was caving in and undermining the concrete slab adjacent to the excavation.

URS prepared a UST Removal Project Report dated November 3, 2003 for submittal to the LADPW which described the UST removal and soil excavation project in further detail. Following review of the UST Removal Project Report the LADPW issued a letter dated June 10, 2004 with additional closure requirements for the Site (Appendix A). The additional closure requirements for the site include "submit(ting) a work plan to define the lateral and vertical extent of contamination" and completing borings to minimum depth of 25 feet below the deepest detectable compound (or first groundwater)".

We have reviewed the data and believe the lateral extent of soil impacted with petroleum hydrocarbons and fuel oxygenates in the areas of the removed USTs and dispensers was effectively defined during the UST removal and soil excavation project conducted in 2003 and is detailed in the UST Removal Project Report (URS, Nov. 2003). It is the opinion of The Realty Associates Fund V, L.P. and URS that no further assessment of the lateral impact of petroleum hydrocarbons and fuel oxygenates in the areas of the removed USTs and dispensers should be required. Haley & Aldrich, Inc. contacted LADPW on behalf of The Realty Associates Fund V, L.P. to discuss the focus of the additional assessment. It is URS' understanding based on information provided from Haley & Aldrich, Inc. that the LADPW is concerned about the potential threat to groundwater resources from residual MTBE concentrations remaining in shallow subsurface soils at the Site.

The purpose of the additional assessment proposed in this Work Plan is to further define the vertical extent of MTBE impacted soil in the areas of removed UST T1 and UST T2. These locations were targeted because; 1) the area beneath removed UST T1 has the highest residual concentration of MTBE at 0.071 mg/kg at a depth of 17 feet bgs. and 2) UST T2 previously had elevated concentrations of TPHd and MTBE. although impacted soil was excavated from this area and confirmation samples collected contained non-detectable (ND) concentrations of TPHg. TPHd. BTEX and fuel oxygenates. Due to the existing canopy, these proposed boring locations are also the closest that a conventional drilling rig can get to removed fuel dispensers FD5 and FD6 where low detections of MTBE in residual shallow soil remain (0.05 and 0.014 mg/kg). This Work Plan is being submitted in response to the LADPW's additional closure requirements for the Site. The data collected from the additional assessment will be used to evaluate the Site for regulatory closure.

2.0 GEOLOGY AND HYDROGEOLOGY

The Site is located the northern half of the San Gabriel Valley approximately 3½ miles from the southern flank for the San Gabriel Mountains. The Site is bounded by the San Gabriel Riverbed to the northwest. by Rivergrade Road to the south and southeast, by Arrow Highway to the northeast. by the 605 Freeway to the west. The Santa Fe Flood Control Basin is located directly north of the Site.

Recent alluvium composed of unconsolidated deposits of gravel and sand occurs at ground surface in the area of the Site. Soil encountered in the UST excavations consisted of sands with gravel that caved easily during excavation. Boring log data for the vicinity indicates that primarily gravel or gravel and sand are present to the total depths of 300 to 500 feet bgs in the site vicinity. Boulders and cobbles are also present in shallow subsurface soils. Alluvial deposits consisting primarily of gravel, sand, silt, and clay are estimated to extend to depths of 1,000 to 2,000 feet bgs in the Site vicinity. Idealized cross-sections indicate the middle and upper Miocene age Puente and Topanga Formations underlie the alluvial deposits to undetermined depths. The Topanga and Puente Formations are marine deposits consisting of interbedded siltstones, sandstones, conglomerates, and shale (State of California DWR, 1966).

Hydrogeologically, the Site is located in the central area of the San Gabriel Valley groundwater basin. The basin is bounded on the north by the San Gabriel Mountains, on the east by uplifted subsurface bedrock between San Dimas and La Verne, on the southeast, south and west by the San Jose, Puente, Merced, and Repetto Hills, and on the northwest by the Raymond fault. The primary water bearing formations within the basin consist of unconsolidated and semi-consolidated Holocene and Pleistocene age sediments (State of California DWR, 1966).

Los Angeles County Well #4239H is located approximately 1700 feet southeast of the Site (Figure 1). Depth to groundwater in the well was last measured May 1, 2003 at 214.2 feet bgs (LADPW, September 2003). Based on this data, the depth to groundwater beneath the Site is estimated to be approximately 200 feet bgs. Based on the regional topography the direction of groundwater flow in the Site vicinity is estimated to be south-southwest.

3.0 SCOPE OF WORK

The project will be managed and field activities supervised by URS personnel under the direction of a California Registered Geologist. Methods to be utilized during the Limited Phase II Assessment are provided in the following sections.

3.1 HEALTH AND SAFETY PLAN

Prior to initiating the field activities, a site-specific health and safety plan will be prepared that:

- Identifies and describes potentially hazardous substances that could be encountered during field operations.
- Specifies protective equipment and clothing for onsite activities.
- Outlines measures to be implemented in the event of an emergency.

Field personnel will be required to review the health and safety plan prior to commencing with field activities. In addition, health and safety briefings will be conducted during the course of field activities. A copy of the health and safety plan will be kept onsite during field activities and will be archived in the project files upon completion of the field work.

3.2 UTILITY CLEARANCE

In accordance with California Assembly Bill AB 73, Underground Services Alert (USA) will be notified of our intent to conduct subsurface excavation at least 48 hours prior to initiation of intrusive field tasks. The proposed location of subsurface excavation will be clearly marked with white paint as required by California Code 4216. USA will contact utility owners of record within the vicinity and notify them of our intent to conduct subsurface excavation in proximity to buried utilities. The utility owners of record, or their designated agents, will clearly mark the position of their utilities on the ground surface throughout the area designated for drilling activities.

3.3 SOIL BORINGS AND SAMPLE COLLECTION

Two soil borings will be drilled to a target depth of 50 to 60 feet below ground surface (bgs) in the vicinity of the removed USTs to assess the vertical extent of petroleum hydrocarbon impacts (particularly MTBE) at the Site. One boring will be located at the northern end of UST T1 and one boring will be located at the northern end of UST T2. The proposed boring locations are shown on Figure 4.

Sonic drilling is the proposed method for reaching the target depths of 50 to 60 feet bgs. Drilling contractors were contacted by URS to discuss appropriate drilling methods for the Site. Due to Site's proximity to the San Gabriel Mountains subsurface soils in the site vicinity contain a large percentage of cobbles and boulders. Hollow stem auger (HSA) drill rigs commonly used for subsurface drilling and sampling in the Los Angeles Basin have encountered drill refusal at depths less than 10 feet bgs in the Site vicinity. Sonic drilling consists of advancing drill pipe utilizing high speed vibration and low speed

rotation combined with down-pressure. This drilling method is often successful in drilling through course unconsolidated geologic formations comprised of cobbles and boulders.

Core samples will be collected from the boring adjacent to the canopy and east of former fuel dispensers 1 and 2 at five foot intervals beginning at five feet bgs. Core samples will be collected from the boring at the northern end of removed UST T2 at five foot intervals beginning at a depth of 25 feet bgs (soil analytical data for the upper 21 feet in this area was collected during the soil excavation activities). The soil cores will be logged using the Unified Soil Classification System (USCS) and screened in the field for VOCs using a Photo Ionization Detector (PID). Soil boring logs including PID screening results will be provided in the project report.

Soil samples to be analyzed for volatile organic compounds (VOCs) will be collected from the sample cores using Encore™ samplers in accordance with EPA method 5035 protocol required by the Regional Water Quality Control Board, Los Angeles Region (RWQCB). Soil samples will be properly sealed, labeled, and recorded on a chain of custody document. The sample labels affixed to the samples will include the following information; sample designation, sample number, sample depth, date, collector initials, site/client name, and time of collection. The sealed and labeled samples will placed in an ice chest maintained at a temperature of three to seven degrees centigrade and transported, under chain of custody, to a California Department of Health Services accredited laboratory for analysis. Completed chain of custody documents will be provided in the project report.

Sampling equipment will cleaned after each sampling interval by washing with a dilute Alconox solution followed by rinsing with fresh water, final rinsing with distilled water, and air-drying.

3.4 Laboratory Analytical Program

The soil samples will be analyzed for TPHg and TPHd by EPA Method 8015M. The soil samples will also be analyzed for BTEX and the fuel oxygenate MTBE by EPA Method 8260B.

3.5 Waste Management

Investigation derived waste generated during the drilling program will be placed in 55-gallon UN-approved drums. The drums will be properly labeled with the date, contents, and generator information and temporarily stored onsite. The drums will be profiled for disposal at an appropriate facility following receipt of laboratory analytical results. Waste disposal documentation will be provided in the project report.

3.6 Backfill And Resurfacing

The soil borings will be backfilled with hydrated bentonite chips resurfaced with concrete.

4.0 REPORT PREPARATION

Data collected during the limited phase II assessment will be used to prepare a project report signed by a registered geologist that will include the following:

- Descriptions of field investigation methods.
- Boring logs
- Laboratory Analytical Reports and Chain of Custody documents.
- Tables summarizing analytical results.
- Site maps showing boring locations.
- Waste disposal documentation.
- Findings and conclusions regarding the vertical impacts of petroleum hydrocarbons at the site.
- A Site closure analysis based on LADPW and RWQCB guidelines.

5.0 SCHEDULE

The tentative schedule to complete the limited phase II assessment is as follows:

- LADPW approval of the Work Plan - April 10, 2005
- Completion of Field Drilling Program - April 30, 2005
- Submittal of Project Report to LADPW - May 31, 2005

The schedule may be revised, as necessary, throughout the project.

6.0 LIMITATIONS

This work plan is intended exclusively for the purpose outlined herein and the Site location and project indicated. This work plan was prepared for the sole use and benefit of The Realty Associates Fund, V L.P. The scope of services performed in execution of this project may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

Opinions relating to environmental, geologic, and geotechnical conditions are based on limited data and actual conditions may vary from those encountered at the times and locations where data were obtained. No express or implied representation or warranty is included or intended in this work plan except that the work was performed within the limits prescribed by The Realty Associates Fund V, L.P. with the customary thoroughness and competence of professionals working in the same area on similar projects.

Please contact us at (714) 835-6886 if you have any comment or questions.

Respectfully submitted,

URS CORPORATION

REGISTERED GEOLOGIST
JOHN SCOTT ROWLANDS
No. 7013
Expires 5/31/06
REGISTERED GEOLOGIST
STATE OF CALIFORNIA

J.S. Rowlands, R.G., C.H.G.
Principal Geologist

S. Tariq Hussain
Project Manager

7.0 REFERENCES

California Department of Water Resources (CDWR). Southern District. *Bulletin No. 104-2. Planned Utilization of the Groundwater Basins San Gabriel Valley, APPENDIX A: Geohydrology*. March 1966.

Los Angeles County Department of Public Works. Groundwater Depths. Phone: (626) 458-6120. Contacted September 9, 2003.

URS. Project Report. UST Removal Former Hughes Family Market. 5305 Rivergrade Road. Irwindale. California for the Realty Associates Fund V, L.P.

USGS Topographic Map. 7.5 minute series. Baldwin Park Quadrangle. CA: 1966, photorevised 1981.

TABLES

Table 1
UST Removal Soil Analytical Results
The Realty Associated Fund
Former Hughes Market Facility
5305 Rivergrade Road
Irwindale, California

Sample ID	Sample Date	Notes	Location	LABORATORY ANALYTICAL RESULTS										
				TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
T1A-17-030723	7/23/2003		Below northern end of Tank 1	<1	<10	<0.0025	<0.005	<0.005	<0.010	**0.071**	<0.0125	<0.0125	<0.0125	<0.05
T1B-17-030723	7/23/2003		Below southern end of Tank 1	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
DUP1-030723	7/23/2003	1	Below southern end of Tank 1	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T2A-17-030723	7/23/2003		Below northern end of Tank 2	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T2A-17-(Other end)	7/23/2003	2	Below northern end of Tank 2	--	**1,790**	<0.002	**0.106**	**0.110**	**0.68**	**0.083**	<0.005	<0.005	<0.005	<0.020
T2B-17-030723	7/23/2003		Below southern end of Tank 2	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T3B-17-030723	7/23/2003		Below northern end of Tank 3	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
T3A-17-030723	7/23/2003		Below southern end of Tank 3	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
UP-1-5.5-030723	7/23/2003		Underground piping	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
UP2-3-030723	7/23/2003		Underground piping	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
UP3-3-030723	7/23/2003		Underground piping	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
FD1-4-030723	7/23/2003		Fuel Dispenser 1	**135**	**2,450**	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.100
FD2-4-030723	7/23/2003		Fuel Dispenser 2	**168**	**3,750**	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.100
FD3-4-030723	7/23/2003		Fuel Dispenser 3	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
FD4-4-030723	7/23/2003		Fuel Dispenser 4	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
FD6-4-030723	7/23/2003		Fuel Dispenser 6	<1	<10	<0.002	<0.002	<0.002	<0.004	**0.05**	<0.005	<0.005	<0.005	<0.020
FD5-4-030723	7/23/2003		Fuel Dispenser 5	<1	**10**	<0.002	**0.003**	<0.002	<0.004	**0.014**	<0.005	<0.005	<0.005	<0.020
DUP2-030723	7/23/2003	1	Fuel Dispenser 5	<1	**15**	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SFD1-3-030723	7/23/2003		Satellite Fuel Dispenser 1	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SFD2-4-030723	7/23/2003		Satellite Fuel Dispenser 2	**305**	**6,340**	<0.010	<0.010	<0.010	<0.020	<0.025	<0.025	<0.025	<0.025	<0.100
SFD3-4-030723	7/23/2003		Satellite Fuel Dispenser 3	**1**	**114**	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SFD4-4-030723	7/23/2003		Satellite Fuel Dispenser 4	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SPW-1-030723	7/23/2003		Backfill Stockpile	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020
SPE-1-030723	7/23/2003		Backfill Stockpile	<1	<10	<0.002	<0.002	<0.002	<0.004	<0.005	<0.005	<0.005	<0.005	<0.020

Notes/Explanations:

1 Duplicate sample

2 Analysis results from soil sample tube and not from on-site samples

mg/kg = milligrams/kilogram

-- = Not analyzed

TPHg = Total Petroleum Hydrocarbons as gasoline range hydrocarbons by EPA Method 8015 (modified)

TPHd = Total Petroleum Hydrocarbons as diesel range hydrocarbons by EPA Method 8015 (modified)

BTEX, MTBE, ETBE, DIPE, TAME, and TBA by EPA Method 8260B

MTBE - Methyl Tertiary Butyl Ether

ETBE - Ethyl Tertiary Butyl Ether

DIPE - Diisopropyl Ether

TAME - Tertiary Amyl Methyl Ether

TBA - Tertiary Butyl Alcohol

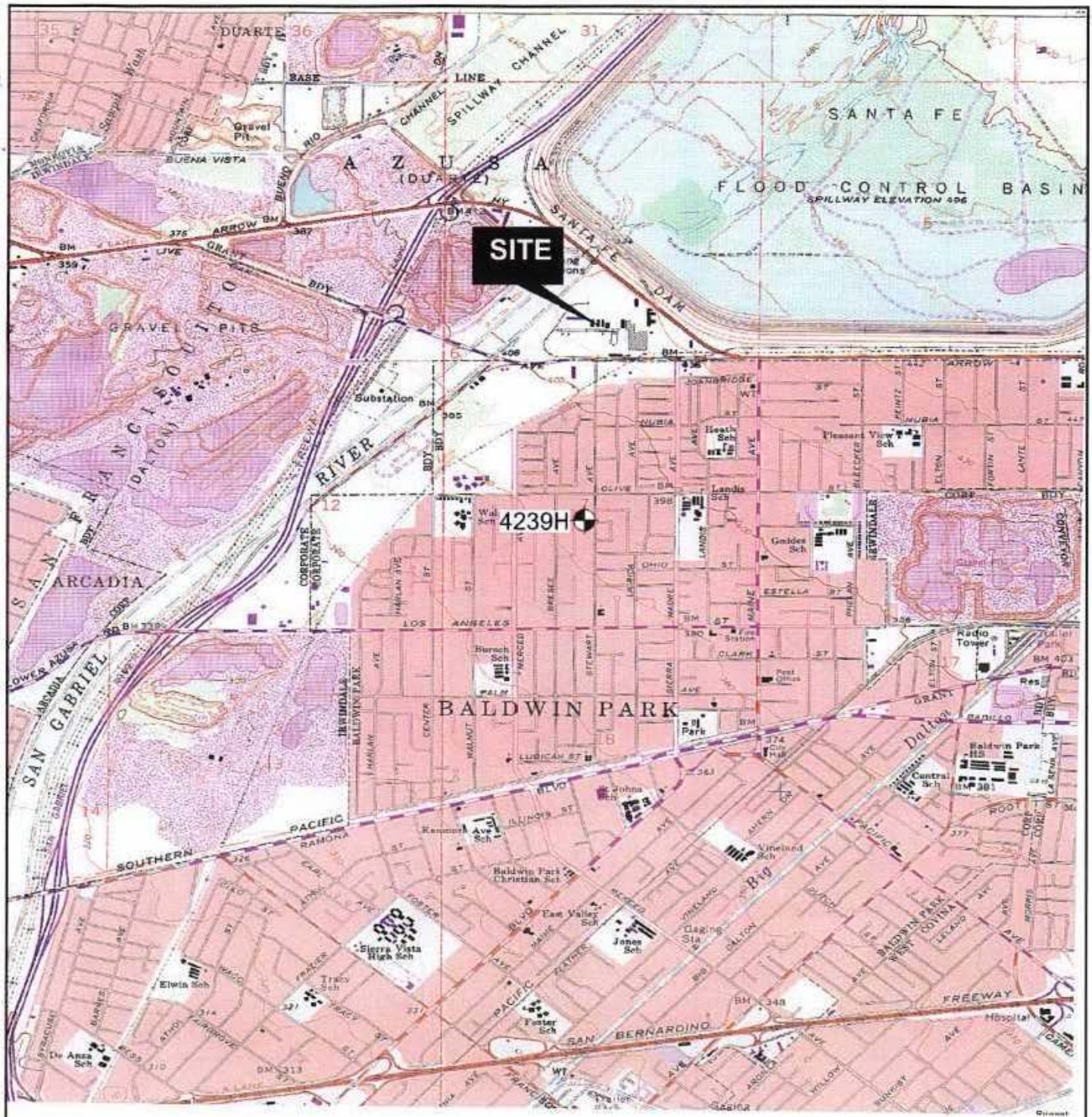
Table 2
Soil Excavation Analytical Results
The Realty Associated Fund
Former Hughes Market Facility
5305 Rivergrade Road
Irwindale, California

Sample ID	Sample Date	Location	LABORATORY ANALYTICAL RESULTS						
			TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)
T2A-21B-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21S-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21W-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21N-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
T2A-21E-030827	8/27/2003	Northern end of Tank 2	<1	<10	<0.005	<0.005	<0.005	<0.015	**0.021**
SFD2-9.5B-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD2-9.5N-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD2-9.5S-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD2-9.5E-030827	8/27/2003	Satellite Fuel Dispenser 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0B-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0S-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0E-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0W-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
SFD3-8.0N-030827	8/27/2003	Satellite Fuel Dispenser 3	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5B-030827	8/27/2003	Fuel Dispensers 1 and 2	**2.3**	**481**	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5E-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5N-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5S-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5W-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-9.5E2-030827	8/27/2003	Fuel Dispensers 1 and 2	<1	**11**	<0.005	<0.005	<0.005	<0.015	<0.01
SPW-030827	8/27/2003	Offhaul Stockpile	<1	**49**	<0.005	<0.005	<0.005	<0.015	<0.01
SPE-030827	8/27/2003	Offhaul Stockpile	<1	**29**	<0.005	<0.005	<0.005	<0.015	<0.01
SPS-030827	8/27/2003	Offhaul Stockpile	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01
FD1/2-11B-030828	8/28/2003	Fuel Dispensers 1 and 2	<1	<10	<0.005	<0.005	<0.005	<0.015	<0.01

Notes/Explanations:

mg/kg = milligrams/kilogram
TPHg = Total Petroleum Hydrocarbons as gasoline range hydrocarbons by EPA Method 8015 (modified)
TPHd = Total Petroleum Hydrocarbons as diesel range hydrocarbons by EPA Method 8015 (modified)
BTEX and MTBE by EPA Method 8021B with 8260B confirmation for MTBE
MTBE - Methyl Tertiary Butyl Ether

FIGURES



REFERENCE: USGS 7.5 Minute Series Baldwin Park, CA Quad, Photorevised 1981

SITE VICINITY MAP

Project No.: 29868258	Date: MARCH 2005	Project: THE REALTY ASSOCIATED FUND	Figure 1

URS

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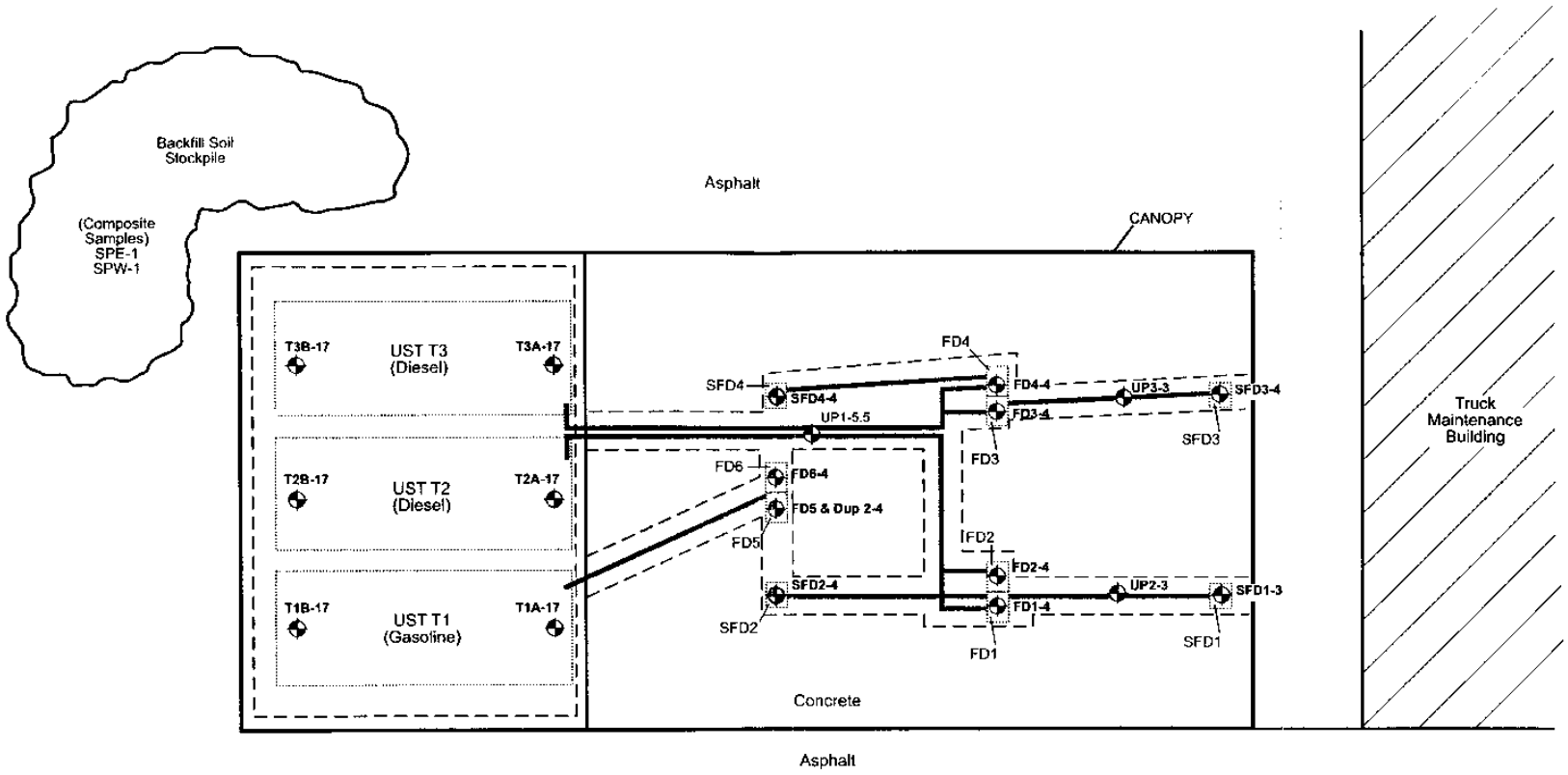


LEGEND

- Former UST Location
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- FD1-4 — Soil Sample Location and Designation
- Excavation Limits
- Former Product Piping

N

0 10' 20'

Scale in Feet

SOIL SAMPLE LOCATIONS DURING UST REMOVAL

Project: THE REALTY ASSOCIATED FUND

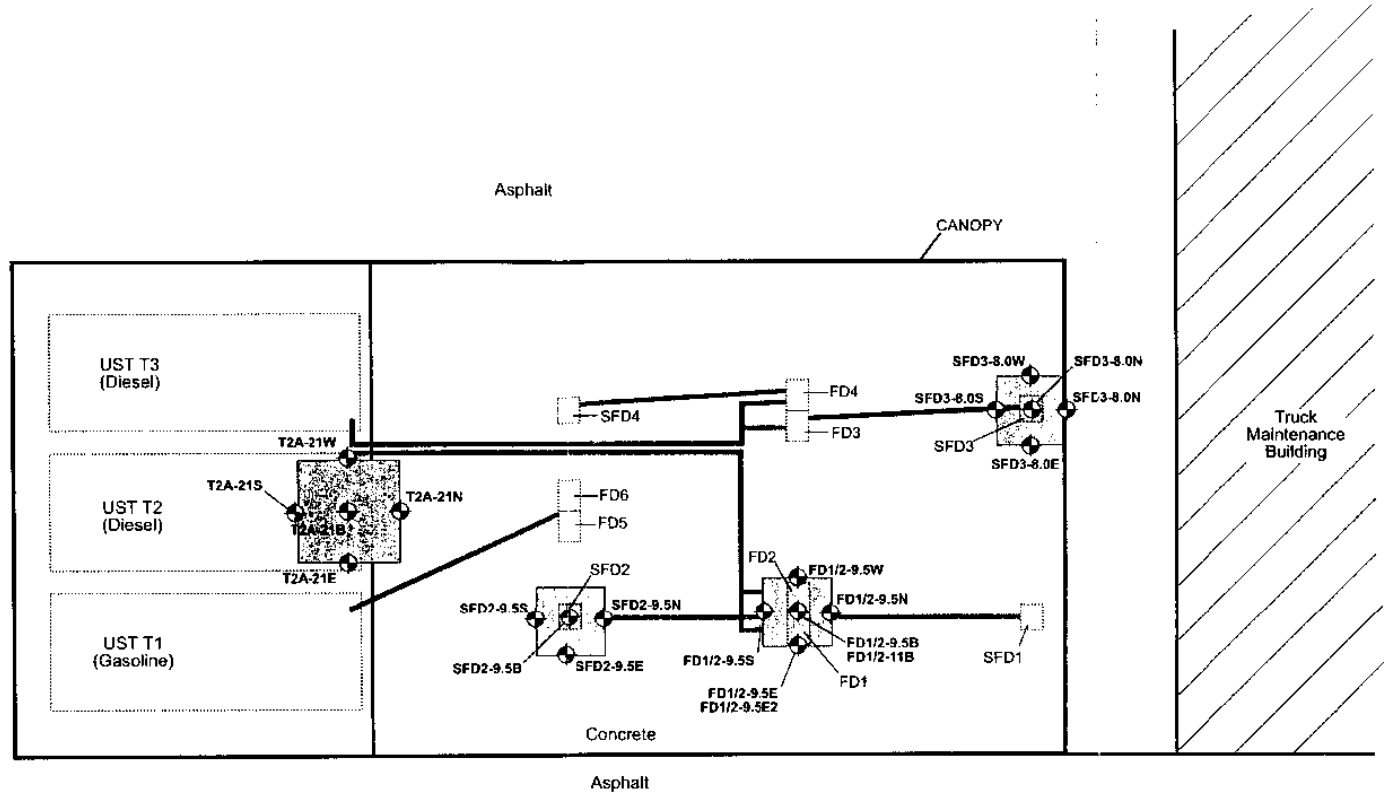
Project No.: 29868258

Date Sampled: JULY 23, 2003

Figure 2

URS

G:\128\TA REALTY\IRWINDALE\UST removal\FH10 8/03



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping
- T2A-21N — Soil Sample Location and Designation
- Limit of Soil Excavation

N

0 10' 20'

Scale in Feet

SOIL EXCAVATION AREAS AND CONFIRMATION SAMPLE LOCATIONS

Project: THE REALTY ASSOCIATED FUND

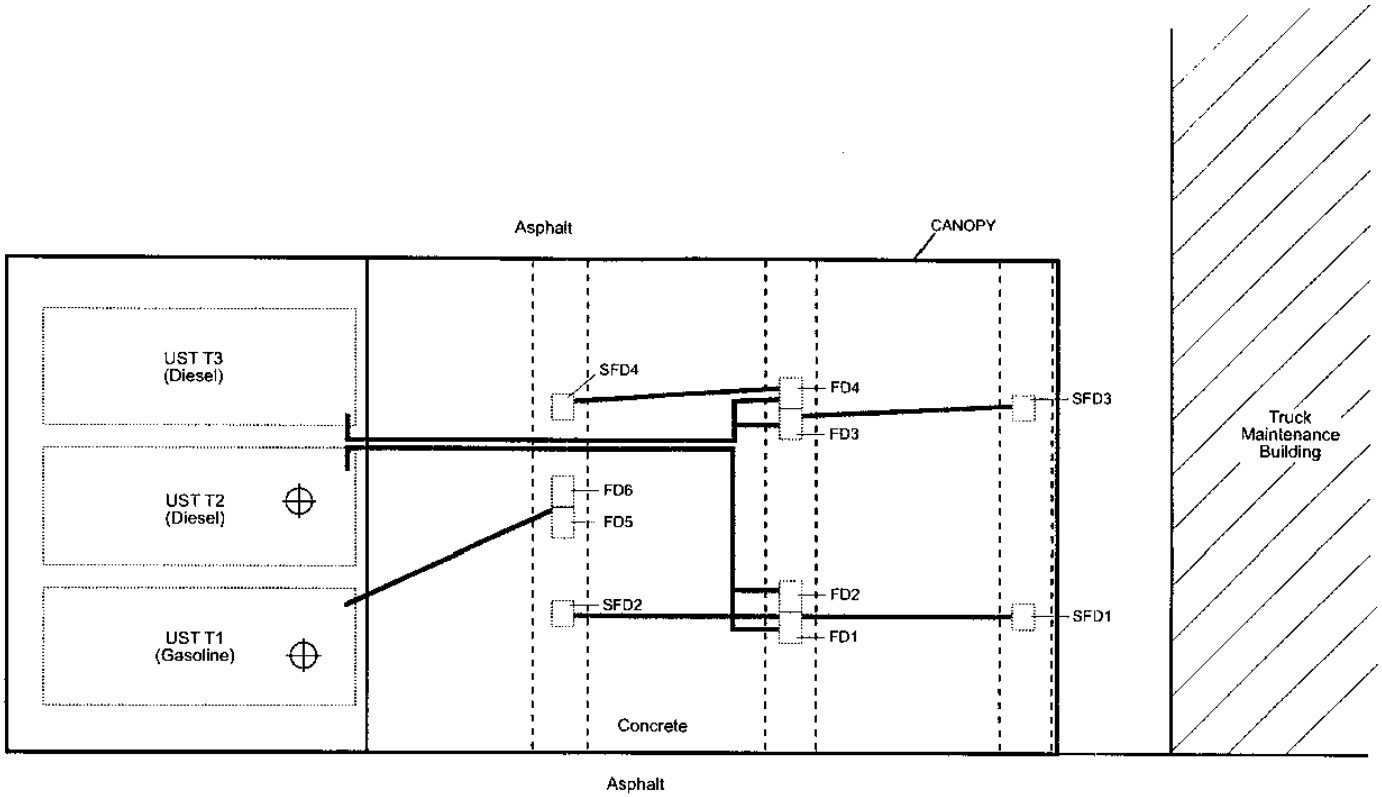
Project No.: 29868258

Date Sampled: 7/23/03 and 8/27-8/28/03

Figure 3

URS

G:\128\TA Realty\Riverdale\2005\Assessment\over excav\FH10 3/05



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping
- Proposed Boring Locations

N

0 10' 20'

Scale in Feet

PROPOSED BORING LOCATION

Project: THE REALTY ASSOCIATED FUND	
Project No.: 29868258	Figure 4
Date: MARCH 2005	

URS

G:\128\7A REALTY\Irwindale\2005 Assessment\proposed boring locations FH10

APPENDIX A

LADPW June 10, 2004 Correspondence

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

JAMES A. NOYES, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 10, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano, CA 92675

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE REPORT
CLOSURE PERMIT NUMBER 373090
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This office has reviewed the closure report dated November 3, 2003, for the subject facility.

In order to better evaluate the report, the information indicated on the enclosed Additional Closure Requirements sheet must be submitted to this office by August 18, 2004.

If you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

JUN 24 2004

AN:cn
C:\MyFiles\ADIS04\04Ltrs\W\Wohl\C415889

Enc.

cc: URS (J. S. Rowlands)

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete evaluation of Closure Permit No. 373090.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

[ ] Insufficient number of samples was obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[X] Submit logs certified by a CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at Department of Health Services certified laboratory.

[ ] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil/tank rinsate with the signature of the disposal facility owner/operator.

[ ] Evidence of legal disposal of soils designated as non-hazardous.

[X] Signature on the report is required of CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils. The report must clearly indicate that all soil sampling was done under the supervision of the registered professional.

[X] Submit a work plan to define the lateral and vertical extent of contamination.

[X] Complete borings to groundwater or complete borings which penetrate to a minimum depth of 25 feet below the deepest detectable contamination. Borings shall be sampled and analyzed at five-foot intervals. EPA 5035 soil sampling guidelines must be utilized. All samples shall be analyzed for BTEX, MTBE, and oxygenate compounds using EPA 8260B, and for gasoline and diesel using EPA 8015(M). A voluntary cleanup oversight fee of $443 must be submitted for the review of future submittals regarding this site.

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 10, 2004

IN REPLY PLEASE
REFER TO FILE EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano, CA 92675

HAZARDOUS MATERIALS UNDERGROUND STORAGE TANKS
LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This letter is to inform you of legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within 20 calendar days of receipt of this notice, the assessor parcel number(s) for the site and a complete mailing list of all current record owners of fee title to the site. You may use the enclosed list of landowners form (sample letter 2) to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

In accordance with Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

1) Consider a cleanup proposal (corrective action plan)
2) Consider a site closure proposal
3) Make a determination that no further action is required
4) Issue a closure letter

You may use the enclosed notice of proposed action form (sample letter 3) to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

June 30th

Please submit the certification within 20 days from the date of this letter.

Initial voluntary cleanup oversight fee of $443 must be paid prior to any report review. An additional fee of $147 per hour will be charged for each hour of assessment review which exceeds the initial three-hour review estimation.

Should you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

AN:cn
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Enc.

cc: California Regional Water Quality Control Board (Yue Rong)

AMF/SIPR

15636-38592

ENSR INTERNATIONAL

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012
(805) 388-3775
FAX (805) 388-3577
www.ensr.com

November 2, 2005

Ms. Abigail Flores
Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

Re: Former Hughes Family Market at 5305 Rivergrade Road, Irwindale, California (CUPA No. W819505)

Dear Ms. Flores

Enclosed, please find a copy of the proposed work plan for the subject site for your review and approval. This work plan has been developed in response to the LADPW letter dated June 10, 2004, and electronic correspondence dated June 13, 2005. We trust that the enclosed work plan is adequate and meets your requirements. If you have any questions or concerns, please feel free to contact me at (805) 388-3775.

Sincerely,

Robert Baca
Senior Project Manager

Enclosure: Site Assessment Workplan

CORR# 467470

A373090

C415690

The Realty Associates Fund V, L.P.

Irwindale, California



Site Assessment Work Plan

Former Family Hughes Market
(CUPA No. W819505)
5305 Rivergrade Road,
Irwindale, California

ENSR International

November 2005

Project Number: 06489-085-002

SITE ASSESSMENT WORK PLAN
Former Family Hughes Market
5305 Rivergrade Road
CUPA No. W819505

Project Number 06489-085-002
November 2005

Prepared for

The Realty Associates Fund V, L.P.
Newport Beach, CA

ENSR International
1220 Avenida Acaso
Camarillo, California

This report was prepared consistent with currently and generally accepted environmental consulting principles and practices. The material and data in this report were prepared under the supervision and direction of the undersigned.

ENSR

Robert Baca
Senior Project Manager

Michael Flack, P.G, C.E.G.
Senior Program Manager

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- 3.7 Laboratory Analysis 3-2
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Appendix

A LADPW Correspondence Date June 10, 2004

B Health and Safety Plan

C Standard Operating Procedures

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Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Site Plan with Proposed Soil Boring Locations

List of Tables

Table 1 – Soil Sampling Plan

1.0 INTRODUCTION

This Site Assessment (SA) Workplan has been prepared for the former Family Hughes Market (Site) distribution center and warehouse, located at 5305 Rivergrade Road in Irwindale, California. The general location of the Site is shown on Figure 1 – Site Location Map. This SA Workplan is being submitted by ENSR on behalf of The Realty Associates Fund V, L.P. (T.A. Realty) in response to correspondence from the Los Angeles County Department of Public Works (LADPW) Environmental Programs Division dated June 13, 2005 requesting vertical and lateral delineation of hydrocarbon-impacted soil.

2.0 SITE BACKGROUND

2.1 Site Status/Site History

The Site operated a gas station on-site to serve the requirements of company vehicles. The USTs associated with the gas station were used from 1992 to 1997-1998. The San Gabriel River is located northwest of the Site, while Rivergrade Road, Arrow Highway, and Interstate 605 are located south, northeast, and west, respectively.

The Site was sold to the Ralph's Grocery chain and was later sold the T.A. Realty. Two 12,000-gallon diesel double-walled Plasteel USTs, one 12,000-gallon gasoline double-walled Plasteel UST, fuel dispensers, and associated piping were removed by TA Realty on July 23, 2003 (URS 2003). Observations made during the UST removal did not detect damage or leakage from the USTs. Soil surrounding the USTs did not exhibit discoloration or odor (URS 2003).

Six soil samples were collected beneath the former locations of the USTs at a depth of approximately 17 feet below ground surface (bgs) (Figure 2). Ten soil samples were collected beneath the former locations of the fuel dispensers at depths ranging from 3 to 4 feet bgs. Three soil sampling were collected beneath the former locations of the piping at depths of approximately 3 to 5.5 feet bgs.

Total petroleum hydrocarbons as gasoline (TPH-g) was detected in four soil samples collected beneath fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 at concentrations ranging from 1 to 305 mg/kg. Total petroleum hydrocarbons as diesel (TPH-d) was detected in seven soil samples collected beneath fuel dispensers 1, 2, and 5, satellite fuel dispensers 2 and 3, and UST T2 at concentrations ranging from 10 to 6,370 mg/kg. Toluene was detected in one soil sample collected beneath dispenser 5 (FD5-4) at a concentration of 0.003 milligrams per kilogram (mg/kg). Methyl tert-butyl ether (MTBE) was detected at concentration ranging from 0.014 to 0.071 mg/kg in soil samples collected beneath dispenser 5 (FD5-4) and the tank 1 excavation (T1A-17), respectively. Benzene, ethylbenzene, xylenes, and oxygenate compounds were not detected in soil samples collected during the excavation activities.

Additional soil was excavated following review of the laboratory results on August 27, 2003 (URS 2003). Soil was excavated in the vicinity of the former locations of dispensers 1 and 2 to depths of approximately 9.5 feet bgs, satellite dispenser 2 to a depth of approximately 9.5 feet bgs, satellite dispenser 3 to a depth of approximately 8 feet bgs, and UST T2 to a depth of approximately 21 feet bgs. Soil samples collected during this excavation event did not contain detectable concentrations of benzene, toluene, ethylbenzene, or xylenes (BTEX). MTBE was detected in one soil sample collected beneath T2A at a concentration of 0.021 mg/kg. Another analysis was run to confirm the presence of MTBE, however, and results indicated no detectable concentrations of MTBE. The previous results were therefore not considered valid (URS 2003). One soil sample (collected beneath fuel dispensers 1 and 2) contained TPH-g and TPH-d at concentrations of 2.3 and 481 mg/kg, respectively (URS 2003).

On September 28, 2003, a third excavation was performed in the vicinity of the former locations of dispensers 1 and 2 to a depth of approximately 11 feet bgs to remove residual impacts detected during the previous excavation. TPH-d concentrations did not exceed 15 mg/kg, and MTBE concentrations did not exceed 0.071 mg/kg. Residual hydrocarbon concentrations were below preliminary

remediation goals (PRGs) for industrial soil. Based on confirmation soil sampling following this final excavation event, URS (2003) recommended that additional excavation would undermine the concrete slab adjacent to the fieldwork, and that no further excavation be necessary. In all, 47 tons of soil was excavated and transported off-site for disposal. The excavations were backfilled with clean, imported fill and resurfaced with six inches of steel-reinforced concrete.

The LADPW responded to TA Realty in a letter dated June 10, 2004, that additional assessment was required to evaluate the presence of hydrocarbon-impacted soil (Appendix A). In March 2005, URS, on behalf of TA Realty, submitted a workplan to the LADPW proposing two soil borings in the vicinity of UST T1 and UST T2. In electronic correspondence dated June 13, 2005, the LADPW indicated that the subsurface assessment should include ten soil borings in the vicinity of UST T1, UST T2, and the fuel dispenser.

2.2 Site Geology and Hydrogeology

The Site is located in the northern half of the San Gabriel Valley and approximately 3.5 miles south of the San Gabriel Mountains. Soil beneath the Site consists primarily of alluvium deposits consisting of unconsolidated gravel and sand (URS 2003). Previous assessments show that sand and gravel extend to depths greater than 500 feet bgs. The sand and gravel deposits are underlain by older alluvial deposits consisting of gravel, sand, silt, and clay to depths greater than 2,000 feet bgs. The middle and upper Miocene Puente and Topanga Formations underlie the alluvial deposits to an unknown depth.

The Site is located in the central area of the San Gabriel Valley groundwater basin. The basin is bounded to the north by the San Gabriel Mountains, to the south and west by the San Jose, Puente, Merced, and Repetto Hills, to the northwest by the Raymond fault, and to the east by uplifted bedrock. The principle water bearing units consist of unconsolidated and semi-consolidated alluvial sediments.

The nearest municipal well to the Site is Los Angeles County Well No. 4239H, located approximately 1,700 feet to the southeast (Figure 1). Depth to water measurements in 2003 indicate that groundwater beneath the Site is approximately 200 feet bgs. The gradient and flow direction of the shallow aquifer is not known, but the regional topography suggests that groundwater flows to the south-southwest.

3.0 FIELD SAMPLING PLAN

3.1 Underground Utility Clearance

The propcsed boring locations will be marked in white spray paint, survey flags, or wooden stakes. ENSR will then contact Underground Service Alert (USA) to locate and mark the underground utilities serving the subject property. In addition, the proposed boring locations will be independently delineated to approximately 8 feet bgs for underground utilities through the use of an air knife rig.

3.2 Health and Safety Plan

A Health and Safety Plan (HASP) has been prepared for the on-site activities. The HASP provides an assessment of known hazards and evaluations of the risks associated with conducting the field work at the subject property. Available site information has been examined to select and implement appropriate warnings and safeguards for field personnel. A copy of the HASP is included in Appendix B.

3.3 Permits

Permits will not be required for the scope of work because the soil borings will not encounter water nor will the proposed boring locations encroach on public right of way.

3.4 Soil and Groundwater Sampling Rationale

On March 21, 2005, URS submitted a workplan on behalf of TA Realty to the LADPW proposing two confirmation soil borings in the vicinity of UST T1 and UST T2 in preparation for site closure. LADPW, in electronic correspondence dated June 13, 2005, stated that they required ten soil borings in the vicinity of the USTs and fuel dispensers to evaluate the vertical and lateral extent of hydrocarbon-impacted soil. In accordance with the LADPW requirements, the ten proposed soil boring locations will evaluate the presence and extent of residual petroleum hydrocarbons and oxygenates in the vicinity of the former locations of the USTs, fuel dispensers, and associated piping.

Soil borings SB-1 will be locate five feet north of USTs T1 and T2 and will evaluate the vertical extent of petroleum hydrocarbons. Soil borings SB-2 through SB-4 will evaluate the vertical extent of petroleum hydrocarbons beneath satellite dispenser 2, fuel dispensers 1 and 2, and satellite dispenser 3, respectively. Soil borings SB-5 through SB-7 will be located around the perimeter of the assessment area to evaluate the horizontal extent of petroleum hydrocarbons.

3.5 Soil Borings, Soil Sampling and Handling Procedures

ENSR will use a hydraulically operated truck-mounted hollow stem auger drill rig to advance and sample seven soil borings at the site (approximate locations on Figure 3). Soil samples will be collected at five foot intervals to the total depth of each boring. Soil sampling for boring SB-1 will begin at approximately 20 feet bgs because the tank excavations advanced to a depth of approximately 21 feet bgs and extend to a minimum depth of approximately 40 feet bgs to confirm vertical delineation of petroleum hydrocarbons. Soil sampling for SB-2 through SB-4 will begin at approximately 10 feet bgs

and extend to a minimum depth of approximately 30 feet bgs to confirm vertical delineation of petroleum hydrocarbons beneath the fuel dispensers. Soil sampling for SB-5 through SB-7 will begin at approximately 10 feet bgs and end at approximately 40 feet bgs to confirm horizontal delineation of petroleum hydrocarbons.

The soil samples will be selected in accordance with the sampling plan summarized in Table 1 (Standard Operating Procedures for soil sampling by split spoon are located in Appendix C). It should be noted, that based on field observations of obvious impacts, additional soil samples may be collected and analyzed to properly characterize the nature of observed impacts.

Soil and groundwater samples will be labeled sequentially, 1, 2, 3, etc... with the prefix "SB" to represent the soil boring location they are taken from. Each soil sample will also be labeled with the depth at which it was taken; for example, the soil sample collected at a depth of five feet bgs from boring SB-1 would be labeled as SB-1-5. If refusal is encountered in a boring and the boring is relocated to avoid the subsurface obstruction, the relocated boring will be identified with the original boring number using an upper case letter suffix (i.e. SB-1-5A). If refusal continues to be encountered in the soil borings, ENSR will use a sonic drill rig to advance the soil borings through large cobbles and boulders.

Soil samples will be collected using a stainless steel split spoon sampler fitted with three, six-inch long pre-cleaned brass or stainless steel sampling sleeves. The split spoon sampler will be driven into undisturbed soil ahead of the lead auger by a 140-pound down-hole hammer.

The samples will be field screened for the presence of VOCs using a field photoionization detector (PID) and observed for visual impacts and olfactory evidence of contamination. The soil samples collected from the borings will be collected in brass sample sleeves, the ends of which will be covered in Teflon® tape and capped with plastic end caps. The soil samples that will be analyzed for VOCs, TPH-g, and TPH-d will be extracted and preserved in accordance with EPA Method 5035. The sample containers will be sealed, labeled, recorded on a chain-of-custody (COC) form and placed in ice chests pending delivery to the analytical laboratory.

3.6 Quality Assurance/Quality Control

ENSR will collect duplicate or collocated replicate soil samples equal to ten percent of the total number of samples collected during the project. One trip blank per cooler will accompany the samples to the laboratory for quality control/quality assurance (QA/QC) purposes.

3.7 Laboratory Analysis

Soil and groundwater samples will be analyzed by a California-certified hazardous waste testing laboratory by EPA Method 8015 for TPH-g and TPH-d, and EPA Method 8260B for BTEX and oxygenates.

3.8 Investigation Derived Wastes

Soil cuttings generated from the drilling activities will be placed in Department of Transportation (DOT) approved 55-gallon drums or roll-off bins, labeled appropriately, and stored on-site pending the receipt of laboratory analytical results. Following receipt of the analytical results and confirmation that the soil

is not considered hazardous, the soil will transported to an appropriate disposal facility. If the soil is determined to be hazardous, it will be transported off-site for disposal at an appropriately permitted facility.

Decontamination (decon) water and purge water generated by sampling activities will also be stored on-site in DOT-approved 55-gallon drums. Following receipt of the analytical results and confirmation that the decon water is not hazardous, the water will be disposed of on-site. If the decon water is determined to be hazardous, the water will be transported offsite for disposal at an appropriately permitted facility.

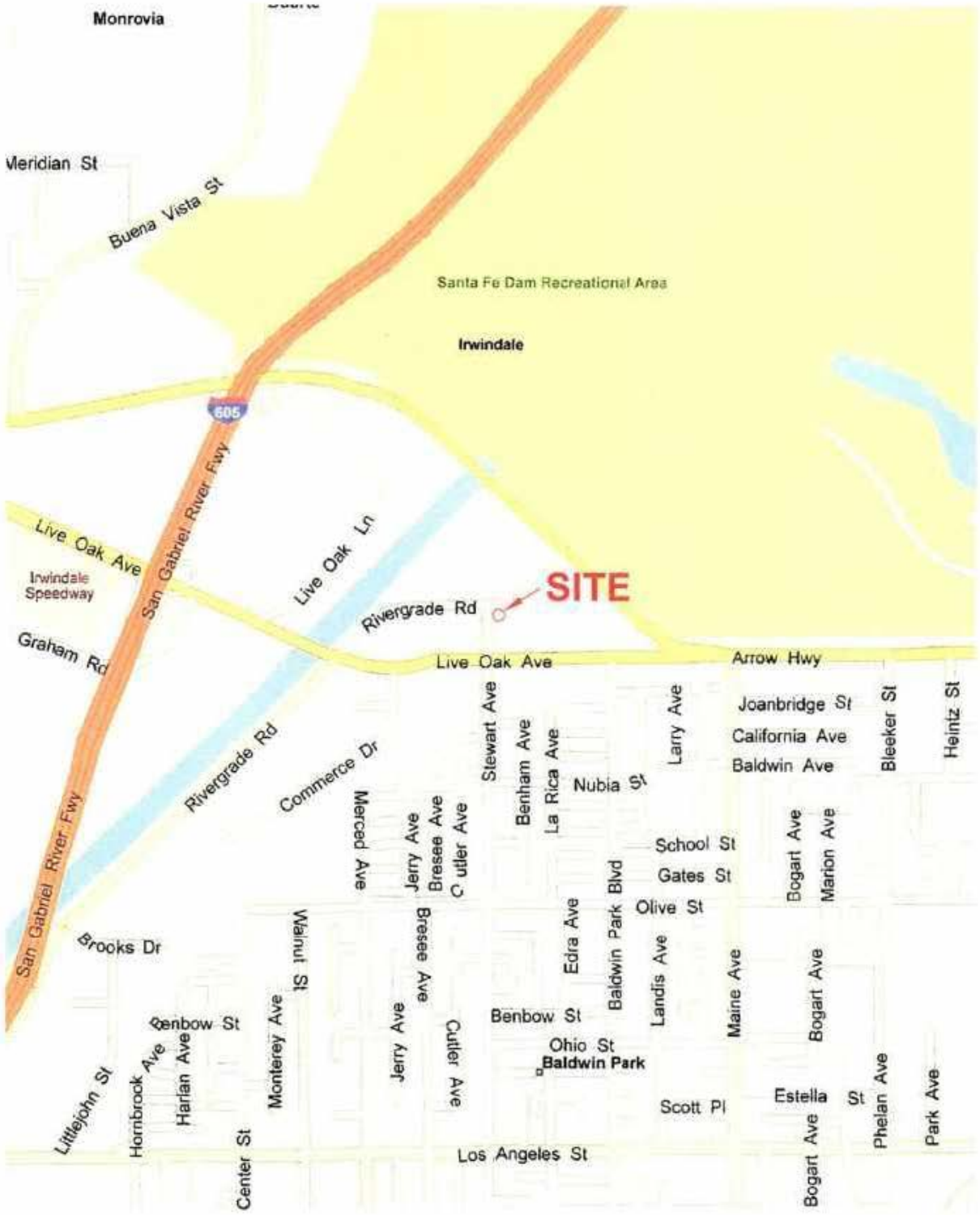
4.0 REPORTING

Upon completion of the field activities and receipt of the final laboratory analytical results, a technical report summarizing the results of this project will be prepared for submittal to the LADPW. The report will be prepared under the supervision of and signed by a California Professional Geologist. The report will summarize field activities and observations. It will document any variances from this Work Plan that were required in the field. The report will also summarize the laboratory analytical results obtained and include copies of the certified laboratory analytical transcripts provided by the analytical laboratory. The report will summarize the results and QA/QC efforts and present ENSR's conclusions based on the available information. Finally, the report will present our recommendations regarding the need for additional assessment or for site closure, as applicable.

5.0 REFERENCES

URS. 2003. UST Removal, Former Hughes Family Market, 5305 Rivergrade Road, Irwindale, California. Final Draft Report. Prepared for The Realty Associated Fund V, L.P. URS, Santa Ana, California.

FIGURES



0 750' 1500' 3000'

SCALE IN FEET

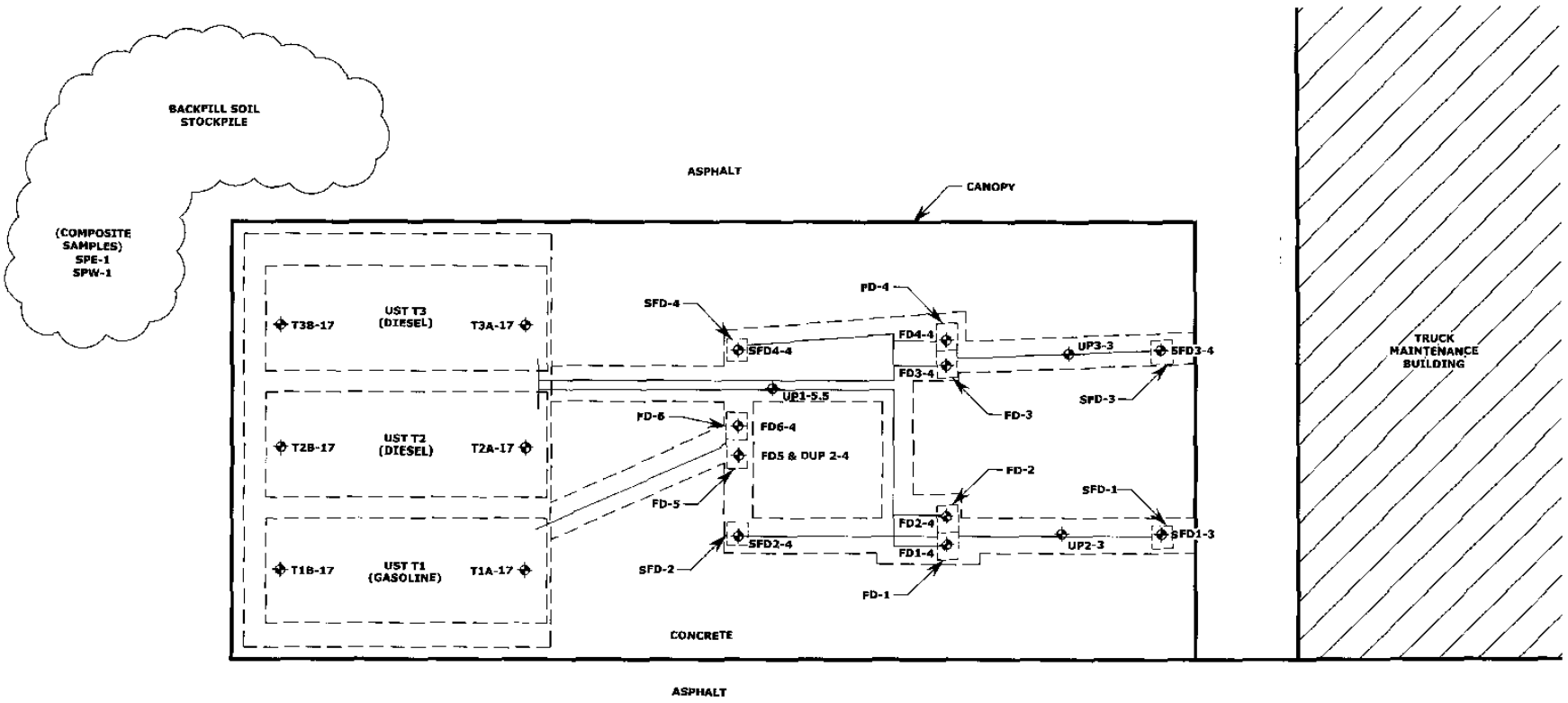
NSR INTERNATIONAL

FIGURE 1

SITE LOCATION MAP

Former Used Hughes Family Market
5305 Rivergrade Road
Irwindale, California

DRAWN: T. Burke	DATE: 09/30/2005	PROJECT NO. 06489-085-002	REV.
FILE NO. Fig1SiteLoc	CHK BY: J. Perry		



LEGEND

- FORMER UST LOCATION
- SFD1 — FORMER SATELLITE FUEL DISPENSER
- FD1 — FORMER FUEL DISPENSERS
- FD1-4 — SOIL SAMPLE LOCATION AND DESIGNATION
- EXCAVATION LIMITS
- FORMER PRODUCT PIPING

ENSR

FIGURE 2

SITE PLAN

Former Used Family Hughes Market
5305 Rivergrade Road
Irwindale California

DRAWN: T. Burke	DATE: 09/30/2005	PROJECT NO. 06489-085-002	REV.
FILE NO. Fig 2SitePlan	CHK BY: J. Perry		

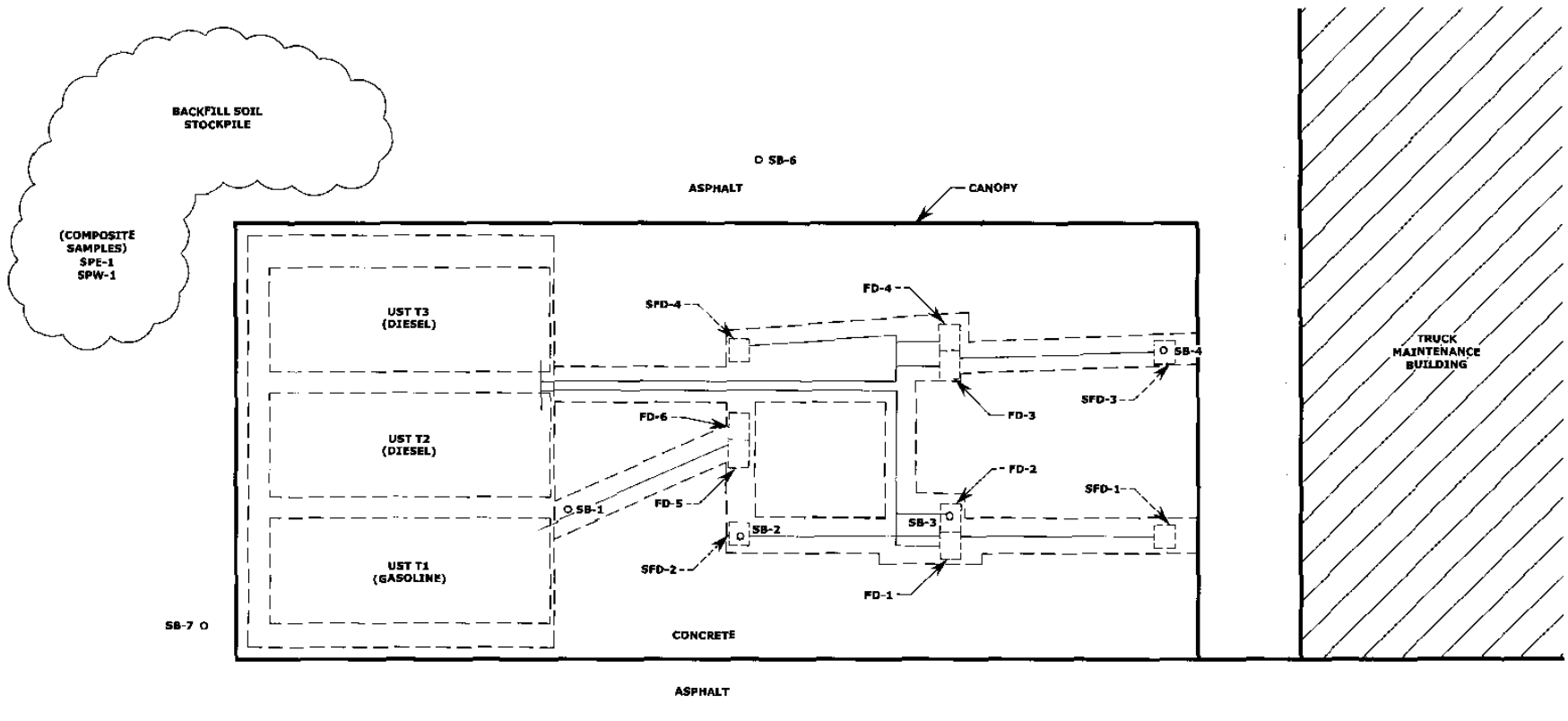


FIGURE 3

SITE PLAN WITH PROPOSED SOIL BORINGS

Former Used Family Hughes Market
5305 Rivergrade Road
Irwindale California

DRAWN: T. Burke	DATE: 11/02/2005	PROJECT NO. 08489-085-002	REV.
FILE NO. Fig 3SitePlan	CHK BY: J. Perry		

TABLES

Table 1
Soil Sampling Plan
Former Hughes Family Market
5305 Rivergrade Road
Irwindale, California

Area of Investigation	Boring Number	Sample Number	Sampling Depth	Analytical Program
UST T1 and T2	SB-1	SB-1-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-1-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-1-30	30	TPH-g, TPH-d, BTEX, Oxygenates
		SB-1-35	35	TPH-g, TPH-d, BTEX, Oxygenates
		SB-1-40	40	TPH-g, TPH-d, BTEX, Oxygenates
SFD-2	SB-2	SB-2-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-2-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-2-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-2-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-2-30	30	TPH-g, TPH-d, BTEX, Oxygenates
FD-1 and FD-2	SB-3	SB-3-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-3-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-3-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-3-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-3-30	30	TPH-g, TPH-d, BTEX, Oxygenates
SFD-3	SB-4	SB-4-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-4-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-4-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-4-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-4-30	30	TPH-g, TPH-d, BTEX, Oxygenates
East of Site	SB-5	SB-5-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-25	25	TPH-g, TPH-d, BTEX, Oxygenates

Table 1
Soil Sampling Plan
Former Hughes Family Market
5305 Rivergrade Road
Irwindale, California

Area of Investigation	Boring Number	Sample Number	Sampling Depth	Analytical Program
		SB-5-30	30	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-35	35	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-40	40	TPH-g, TPH-d, BTEX, Oxygenates
West of Site	SB-6	SB-6-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-30	30	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-35	35	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-40	40	TPH-g, TPH-d, BTEX, Oxygenates
South of Site	SB-7	SB-7-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-30	30	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-35	35	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-40	40	TPH-g, TPH-d, BTEX, Oxygenates

Notes:

All depths are reported in feet below ground surface.

Sampling depth to be analyzed assumes that there are no significant PID readings (greater than 25 PPM) or visual or olfactory - evidence of contamination. Evidence of elevated PID readings would call for sampling at that depth.

TPH-g - Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8015M.

TPH-d - Total petroleum hydrocarbons as diesel analyzed by EPA Method 8015M.

BTEX - Benzene, toluene, ethylbenzene, xylenes analyzed by EPA Method 8260B.

APPENDIX A
LADPW CORRESPONDENCE DATED JUNE 10, 2004

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

JAMES A. NOYES, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 10, 2004

IN REPLY PLEASE REFER TO FILE: EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano, CA 92675

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE REPORT
CLOSURE PERMIT NUMBER 373090
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This office has reviewed the closure report dated November 3, 2003, for the subject facility.

In order to better evaluate the report, the information indicated on the enclosed Additional Closure Requirements sheet must be submitted to this office by August 16, 2004.

If you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

JUN 24 2004

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Enc.

cc: URS (J. S. Rowlands)

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete evaluation of Closure Permit No. 373090.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

[ ] Insufficient number of samples was obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[X] Submit logs certified by a CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at Department of Health Services certified laboratory.

[ ] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil/tank rinsate with the signature of the disposal facility owner/operator.

[ ] Evidence of legal disposal of soils designated as non-hazardous.

[X] Signature on the report is required of CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils. <u>The report must clearly indicate that all soil sampling was done under the supervision of the registered professional.</u>

[X] Submit a work plan to define the lateral and vertical extent of contamination.

[X] Complete borings to groundwater or complete borings which penetrate to a minimum depth of 25 feet below the deepest detectable contamination. Borings shall be sampled and analyzed at five-foot intervals. EPA 5035 soil sampling guidelines must be utilized. All samples shall be analyzed for BTEX, MTBE, and oxygenate compounds using EPA 8260B, and for gasoline and diesel using EPA 8015(M). A voluntary cleanup oversight fee of $443 must be submitted for the review of future submittals regarding this site.

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

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900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 10, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano, CA 92675

HAZARDOUS MATERIALS UNDERGROUND STORAGE TANKS
LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This letter is to inform you of legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within 20 calendar days of receipt of this notice, the assessor parcel number(s) for the site and a complete mailing list of all current record owners of fee title to the site. You may use the enclosed list of landowners form (sample letter 2) to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

In accordance with Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

1) Consider a cleanup proposal (corrective action plan)
2) Consider a site closure proposal
3) Make a determination that no further action is required
4) Issue a closure letter

You may use the enclosed notice of proposed action form (sample letter 3) to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please submit the certification within 20 days from the date of this letter. June 30 Th

Initial voluntary cleanup oversight fee of $443 must be paid prior to any report review. An additional fee of $147 per hour will be charged for each hour of assessment review which exceeds the initial three-hour review estimation.

Should you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

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Enc.

cc: California Regional Water Quality Control Board (Yue Rong)

APPENDIX B
HEALTH AND SAFETY PLAN

ENSR INTERNATIONAL

Health and Safety Plan

Sonic Drilling and Soil Sampling Activities
5305 Rivergrade Road
Irwindale, California

Prepared By: Curtis C. Conner — Date: October 2, 2005
Environmental Health & Safety Specialist

Approved by: Joseph E Sanders — Date: October 2, 2005
Regional Health and Safety Manager

Approved by: Bob Baca — Date: October 2, 2005
Project Manager

ENSR Project # 06489-085-002

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1. INTRODUCTION

1.1. Purpose

This Health and Safety Plan (HASP) has been developed by ENSR Corporation (ENSR) to minimize potential risk to personnel involved in drilling and soil sampling in Irwindale, California. The provisions of this HASP apply to ENSR personnel who will be potentially exposed to safety and/or health hazards associated with the remediation tasks outlined in Section 3.0 of this HASP. This HASP has been written to comply with OSHA's Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120) and the OSHA Personal Protective Equipment regulations (29 CFR 1910.132). All activities covered by this HASP must be conducted in complete compliance with all applicable federal, state and local health and safety regulations. Personnel covered by this HASP who cannot or will not comply with these requirements will be excluded from site activities

1.2. Modifications

Every effort has been made to address the hazards associated with the types of chemical contamination that may be encountered at this various site being investigated by ENSR. Similarly, this document also discusses the physical hazards associated with the typical types of activities that may be performed by ENSR employees during site groundwater sampling. Unanticipated site-specific conditions or situations may occur during the implementation of the proposed site remediation that are not addressed in this document. As such, this HASP must be considered a working document that is subject to change to meet the needs of each site remediation.

Prior to the start of work, the Project Manager (PM) or Field Technician will review with the Regional Health and Safety Manager (RHSM), the scope of work and the expected nature and extent of contamination at the site. If unique site hazards are present or different tasks are proposed that have not been addressed in this HASP, it will be necessary to modify this HASP. All proposed modifications to this HASP must be reviewed and approved by the RHSM before such modifications are implemented in the field. Modifications to the HASP will be incorporated into the document as addenda.

1.3. Approval and Dissemination

All ENSR personnel covered by this HASP must read a copy of it and return the HASP signoff sheet (Attachment A) to the ENSR Site Safety Officer (SSO) prior to the start of on-site activities.

1.4. Responsibilities

The implementation of health and safety at this project location will be the shared responsibility of the ENSR Project Manager (PM), the ENSR Regional Health and Safety Manager (RHSM), the ENSR Project Site Safety Officer (SSO) and all other ENSR personnel.

1.4.1. Project Manager

The ENSR Project Manager, Bob Baca, is responsible for ensuring that the requirements of this HASP are implemented at that project location. Some of the PM's specific responsibilities include:

- Assuring that all personnel to whom this HASP applies have received a copy of it;
- Providing the RHSM with updated information regarding environmental conditions at the site and the scope of site work;
- Providing adequate authority and resources to the on-site SSO to allow for the successful implementation of all necessary safety procedures;
- Supporting the decisions made by the SSO and RHSM;
- Maintaining regular communications with the SSO and, if necessary, the RHSM;
- Providing project scheduling and planning activities.

1.4.2. Regional Health and Safety Manager

The ENSR RHSM (John Shepard) is the individual responsible for the preparation, interpretation and modification of this HASP. Modifications to this HASP which may result in less stringent precautions cannot be undertaken by the PM or the SSO without the approval of the RHSM. Specific duties of the RHSM include:

- Writing, approving and amending the HASP for this project;
- Advising the PM and SSOs on matters relating to health and safety;
- Recommending appropriate personal protective equipment (PPE) and air monitoring instrumentation; and
- Maintaining regular contact with the PM and SSO to evaluate the conditions at the property and new information which might require modifications to the HASP.

1.4.3. Site Safety Officer

All ENSR field technicians are responsible for implementing the safety requirements specified in this HASP. However, one field technician will serve as the SSO at each site. The SSO will be appointed by the PM for this site. The SSO will be on-site during all activities covered by this HASP. The SSO is responsible for enforcing the requirements of this HASP once work begins.

The SSO has the authority, and the responsibility, to immediately correct all situations where noncompliance with this HASP is noted and to immediately stop work in cases where an immediate danger is perceived. Some of the SSO's specific responsibilities include:

- Assuring that all personnel to whom this HASP applies have submitted a completed copy of the HASP sign-off form;
- Assuring that all personnel to whom this HASP applies have attended a pre-entry briefing prior to entering a restricted area;
- Maintaining a high level of health and safety consciousness among employees at the work site;
- Procuring and distributing the PPE needed for this project for ENSR employees;
- Procuring the air monitoring instrumentation required and performing air monitoring for ENSR activities;
- Verifying that all PPE and health and safety equipment is in good working order;
- Setting up and maintaining the cleanup zone within the restricted areas and assuring proper cleanup of all site personnel;
- Notifying the PM of all noncompliance situations and stopping work in the event that an immediate danger situation is perceived;
- Monitoring and controlling the safety performance of all personnel within the established restricted areas to ensure that required safety and health procedures are being followed and correcting any deficiencies;
- Conducting accident/incident investigations and preparing accident/incident investigation reports;
- Conducting the pre-entry briefing as required by Section 10.3 of the HASP; and,
- Initiating emergency response in accordance with Section 12.0 of this HASP.

1.4.4. Field Personnel

All ENSR field personnel are responsible for following the health and safety procedures specified in this HASP and for performing their work in a safe and responsible manner. Some of the specific responsibilities of the field personnel are as follows:

- Reading the HASP in its entirety prior to the start of on-site work;
- Submitting a completed HASP Acceptance Form and documentation of medical surveillance and training to the SSO prior to the start of work;
- Attending the pre-entry briefing prior to beginning on-site work;
- Bringing forth any questions or concerns regarding the content of the HASP to the PM or the SSO prior to the start of work;
- Reporting all accidents, injuries and illnesses, regardless of their severity, to the ENSR SSO; and,

- Complying with the requirements of this HASP and the requests of the SSO.

2. SITE HISTORY / DESCRIPTION

The Site operated a gas station on-site to serve the requirements of company vehicles. The USTs associated with the gas station were used from 1992 to 1997-1998. The San Gabriel River is located northwest of the Site, while Rivergrade Road, Arrow Highway, and Interstate 605 are located south, northeast, and west, respectively.

The Site was sold to the Ralph's Grocery chain and was later sold the T.A. Realty. Since T.A. Realty did not require a gas station on their property, they decided to remove the underground storage tanks (USTs), dispensers, and associated piping. Two 12,000-gallon diesel double-walled Plasteel USTs, one 12,000-galion gasoline double-walled Plasteel UST, fuel dispensers, and associated piping were removed on July 23, 2003 (URS 2003). Observations made during the UST removal did not detect damage or leakage from the USTs. Soil surrounding the USTs did not exhibit discoloration or odor.

Six soil samples were collected beneath the former locations of the USTs at a depth of approximately 17 feet bgs (Figure 2). Ten soil samples were collected beneath the former locations of the fuel dispensers at depths ranging from 3 to 4 feet bgs. Three soil sampling were collected beneath the former locations of the piping at depths of approximately 3 to 5.5 feet bgs.

Benzene, ethylbenzene, xylenes, and oxygenate compounds were not detected in soil samples collected during the excavation activities. Toluene was detected in one soil sample collected beneath dispenser 5 (FD5-4) at a concentration of 0.003 milligrams per kilogram (mg/kg). Methyl tert-butyl ether (MTBE) was detected at concentration ranging from 0.014 to 0.071 mg/kg in soil samples collected beneath dispenser 5 (FD5-4) and the tank 1 excavation (T1A-17), respectively. Total petroleum hydrocarbons as gasoline (TPH-g) was detected in three soil samples at concentrations ranging from 1 to 305 mg/kg. Total petroleum hydrocarbons as diesel (TPH-d) was detected in six soil samples at concentrations ranging from 10 to 6,370 mg/kg.

Additional soil was excavated following review of the laboratory results on August 27, 2003 (URS 2003). Soil was excavated in the vicinity of the former locations of dispensers 1 and 2, satellite dispensers 2 and 3, and UST T2. Soil samples collected at the time of the second excavation indicated additional soil was impacted by hydrocarbons.

On September 28, 2003, a third excavation was performed in the vicinity of the former locations of dispensers 1 and 2. Soil samples collected during the third excavation event did not contain detectable concentrations of benzene, toluene, ethylbenzene, or xylenes (BTEX). MTBE was detected in one soil sample collected beneath T2 at a concentration of 0.021 mg/kg. Another analysis was run to confirm the presence of MTBE, however, and results indicated no detectable concentrations of MTBE. The previous results were therefore not considered valid. TPH-g was detected in one soil sample collected from dispensers 1 and 2 at a concentration of 2.3 mg/kg. TPH-d was detected in soil samples at concentrations ranging from 11 to 481 mg/kg. In all, 47 tons of soil was excavated and transported off-site for disposal

Based on confirmation soil sampling, it was recommended that additional excavation would undermine the concrete slab adjacent to the fieldwork, and that no further excavation be necessary since residual concentrations were below preliminary remediation goals (PRGs) for industrial soil.

3. SCOPE OF WORK

The scope of this project is to advance and sample ten (10) boreholes using a sonic drill rig, characterize the site's soil for impact from the operation of a UST system..

4. HAZARD ASSESSMENT

The following chemical and physical hazard assessment applies only to the proposed tasks as described in Section 3.0.

4.1. Chemical Hazards

The following types of chemicals may be present as contaminants of concern during the proposed investigation at this facility.

- Petroleum hydrocarbons including gasoline associated with on-site and off-site USTs

4.1.1. Petroleum Hydrocarbons

The predominant contaminant found at the UST facilities is gasoline or possibly diesel fuel that is related to the former operation of the subject UST system. However, other petroleum products may have been dispensed or stored at these properties. The site may also be impacted from off-site sources of petroleum contamination such as leaking USTs.

4.1.1.1. Gasoline

Gasoline is a highly complex mixture of more than 150 aliphatic and aromatic hydrocarbons including small amounts of benzene, toluene, xylene, and sometimes either tetraethyl lead or methyl tertiary butyl ether. The actual composition varies with the source of the crude petroleum, the manufacturer, and the time of year.

Gasoline is a colorless, pale brown, or pink liquid. Gasoline is very flammable; it catches on fire quite easily, evaporates quickly, and forms explosive mixtures with air. Most people can begin to smell gasoline at 0.25 parts of gasoline per million parts of air (ppm). Gasoline may be present in the air, groundwater, and soil. Gasoline does not dissolve readily in water. However, some of the chemicals that make up gasoline can dissolve easily in water.

Exposure to the vapors of gasoline above its exposure limit may produce irritation of the mucous membranes of the upper respiratory tract, nose and mouth. Overexposure may also result in the depression of the central nervous system. Symptoms of such exposure include drowsiness, headache, fatigue and drunken-like behaviors. Another common effect is irritation of the skin and mucous membranes of the upper respiratory tract. Repeated or prolonged skin contact may result in dermatitis due to defatting of the skin.

The American Conference of Governmental Industrial Hygienists (ACGIH) has recommended a threshold limit value (TLV) of 300 ppm for gasoline as an 8-hour time weighted average (TWA).

Tetraethyl and tetramethyl lead were used as anti-knock ingredients in gasoline. There is a potential at this site for these alkyl-lead compounds to be present. Due to its relatively low volatility (VP = 0.2 mm), exposure to tetraethyl lead is not likely to occur by the vapor route during this work, rather as a contaminant of airborne dust. The inhalation of tetraethyl lead contaminated dusts may result in irritation of the respiratory tract. This dust, when in contact with moist skin or eye membranes, may cause itching, burning and transient redness. The direct absorption of a sufficient quantity of tetraethyl lead, whether briefly at a high rate, or for prolonged periods at a low rate, may cause acute intoxication of the central nervous system. Mild degrees of intoxication may cause headache, anxiety, insomnia, nervous excitation and minor gastrointestinal disturbances. The OSHA PEL for both compounds is 0.075 mg/m^3, as an 8-hr TWA.

Methyl tertiary butyl ether (MTBE) is an additive used to increase the octane ratings of gasoline. Direct contact with the liquid may cause minor skin and eye irritation. Prolonged or repeated inhalation of MTBE vapor may cause irritation of the respiratory tract as well as depression of the central nervous system. OSHA has not established a PEL for MTBE. However, the ACGIH recommends a TLV of 50 ppm, as an 8-hr TWA.

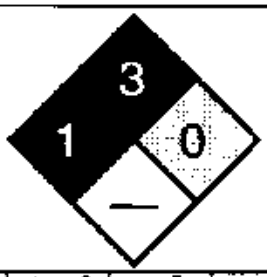
4.1.1.2. Fuel Oils (Diesel, etc.)

Fuel oils are generally considered to be of moderate to low toxicity. Federal or recommended airborne exposure limits have not been established for the vapors of fuel oils. However, inhalation of low concentrations of the vapor of either may cause mucous membrane irritation. Inhalation of high concentrations of the vapors may cause extensive pulmonary edema. Chronic direct skin contact with the liquids may produce skin irritation as a result of defatting. Repeated skin contact may also cause irritation of the hair follicles and block the sebaceous glands. This produces a rash of acne pimples and spots, usually on the arms and legs.

4.1.1.3. Waste Oils

Waste oils are generally considered to be of moderate to low toxicity. Federal or recommended airborne exposure limits have not been established for the vapors of waste oils. However, inhalation of low concentrations of the vapor of either may cause mucous membrane irritation. Inhalation of high concentrations of the vapors may cause extensive pulmonary edema. Chronic direct skin contact with the liquids may produce skin irritation as a result of defatting. Waste oils typically contain low concentrations of polycyclic aromatic hydrocarbons (PAH) compounds (incomplete combustion byproducts) and metals (contact with metal parts of the engine). Dermal contact with both PAH compounds and metals can result in dermatitis.

4.1.2. Hazardous Properties of Potential Chemical Contaminants



Acetone

Chemical Name	PEL[1]	TLV[2]	VP[3]	VD[4]	SG[5]	SOL[6]	FP[7]	LEL[8]	UEL[9]
Gasoline	NE	300	>400	3	0.8	Neg.	<-40	1.4	7.6
Benzene	1	0.5	75	2.8	0.88	0.07	12	1.2	7.8
Toluene	200	50	21	3.1	0.87	0.07	40	1.1	7.1
Ethylbenzene	100	100	7	3.7	0.87	0.01	55	0.8	6.7
Xylene	100	100	7	3.7	0.88	0.02	90	0.9	6.7
Tetraethyl lead	0.075 mg/M^3	0.1 mg/m^3	0.2	8.6	1.6	Neg.	200	1.8	?
MTBE	NE	50	245	3.0	0.74	2	-15	1.5	?
Diesel Fuel Oil	NE	NE	0.5	>2	0.85	Neg.	>52	0.6	7.0

1 Permissible Exposure Limit in ppm
2 Threshold Limit Value in ppm
3 Vapor Pressure in mm Hg
4 Vapor Density (air = 1)
5 Specific Gravity (water = 1)
6 Solubility in Water in %
7 Flash Point in °F
8 Lower Explosive Limit in % by volume
9 Upper Explosive Limit in % by volume
NE = Not Established
NA = Not Applicable
? = Not known

4.1.3. Hazardous Substances Brought On-Site by ENSR

A material safety data sheet (MSDS) must be available for each hazardous substance that ENSR brings onto the property. This includes solutions/chemicals that will be used to decontaminate sampling equipment, field test kits, calibration gases or dye solutions. As a minimum, the MSDS for isobutylene calibration gas (for the PID) is provided in Attachment D. Other MSDSs should be attached as required, and may include:

- Alconox,
- Alcohols
- Gasoline

In addition, all containers of hazardous materials must be labeled in accordance with OSHA's Hazard Communication Standard. Either the original manufacturer's label or an NFPA 704M label specific for the material (as shown at the right) is considered to be an acceptable label.

4.2. Hazard Potential / Control

4.2.1. Hazard Potential

The potential routes of exposure based on the proposed activities include:

- Dermal contact with potentially contaminated groundwater during sampling activities;
- Dermal contact with separate phase product, agricultural chemicals, if present;
- Inhalation of petroleum vapors during sampling activities, especially if free-phase product is encountered or USTs on site are known to have leaked; and,

4.2.2. Hazard Control

Hazards can be identified and controlled in several ways.

- To reduce the potential for contact with contaminated groundwater, as well as separate phase product, personal protective equipment (PPE), as described in Section 7.1 of this HASP, will be worn.

5. PHYSICAL HAZARDS

5.1. Traffic Hazards

5.1.1. ENSR Employees

Incoming and outgoing traffic in the parking areas and dispensing islands will be a concern to the field teams. When working in these high traffic areas, the following precautions should be implemented.

- Wear an orange safety vest. If work is being performed at dawn, dusk or evening the vests must have reflective tape.
- Set up traffic cones or "Men at Work" signs in front of the work area.

At certain sites, remediation activities may occur along or in a public roadway or right-of-way. The PM must contact the local police department to determine if a police detail is required.

5.1.2. Patrons, Residents, General Public

The facilities may be open to the public while investigations are taking place. A restricted zone will be established around those areas where remediation is occurring. The purpose of this restricted zone is to warn patrons of the potential physical hazards associated with the activities being performed or supervised by ENSR. If space permits, a 20-foot radius restricted zone will be established around the work area. The restricted zone should be outlined with traffic cones or "Caution Tape" to prohibit entry by the general public.

5.2. Noise

Pumps, generators, and other equipment used during sampling events can produce high noise levels. Exposure to noise can result in the following:

- Temporary hearing losses where normal hearing returns after a rest period;
- Interference with speech communication and the perception of auditory signals;
- Interference with the performance of complicated tasks; and,
- Permanent hearing loss due to repeated exposure resulting in nerve destruction in the hearing organ.

Since personal noise monitoring will not be conducted during the proposed activities, employees must follow this general rule of thumb:

If the noise levels are so loud that you must shout at someone who is 5 feet away from you, you need to be wearing hearing protection. ENSR employees can wear either disposable earplugs or earmuffs but all hearing protection must have a minimum noise reduction rating (NRR) of 27 db.

5.3. Back Safety / Lifting

Using the proper techniques to lift and move heavy pieces of equipment, such as large-diameter piping, generators or drums, is important to reduce the potential for back injury. The following precautions should be implemented when lifting or moving heavy objects.

- Use mechanical devices to move objects, such as drums of investigation derived wastes or generators, that are too heavy to be moved manually
- If mechanical devices are not available, ask another person to assist you.
- Bend at the knees, not the waist. Let your legs do the lifting.
- Do not twist while lifting
- Bring the load as close to you as possible before lifting
- Be sure the path you are taking while carrying a heavy object is free of obstructions and slip, trip and fall hazards

5.4. Electrical Hazards

Electrically operated pumps and other equipment may present the hazard of electrical shock, especially due to potentially wet operating environments. Also, portable electrical tools can present the same hazard. Follow the safety precautions listed below:

- Check to see that electrical outlets used to supply power are of the three wire grounding type.
- Extension cords should be of the three wire grounding type and designed for hard or extra-hard usage. This type of cord uses insulated wires within an inner insulated sleeve and will be marked S, ST, STO, SJ, SJO or SJTO.
- NEVER remove the ground plug blade to accommodate ungrounded outlets.
- Do not use extension cords as a substitute for fixed or permanent wiring. Do not run extension cords through openings in walls, ceilings or floors, or permanently attach to walls with staples, nails, etc.
- Protect cords from becoming damaged.
- Examine extension and equipment cords and plugs prior to each use. Damaged cords with frayed insulation or exposed wiring and damaged plugs with missing ground blades MUST BE REMOVED from service immediately.
- All 15 and 20 amp portable or temporary wiring which is used outdoors or in other potentially wet or damp locations must be connected to a circuit which is protected by a ground fault

circuit interrupter (GFCI). GFCI's are available as permanently installed outlets, as plug-in adapters and as extension cord outlet boxes. DO NOT CONTINUE TO USE A PIECE OF EQUIPMENT OR EXTENSION CORD THAT CAUSES A GFCI TO TRIP.

- When working in flammable atmospheres, be sure that the electrical equipment being used is approved for use in Class I, Division I atmospheres.
- Do not touch a victim who is still in contact with current. Separate the victim from the source using a dry, nonmetallic item such as a broomstick or cardboard box. Be sure your hands are dry and you are standing on a dry surface. Turn off the main electrical power switch and then begin rescue efforts.

5.5. Thermal Stress

O&M activities may be performed during any month of the year. The hazards associated with heat and cold stress are addressed below:

5.5.1. Heat Stress

Types of Heat Stress

Heat related problems include **heat rash, fainting, heat cramps, heat exhaustion and heat stroke**. **Heat rash** can occur when sweat isn't allowed to evaporate, leaving the skin wet most of the time and making it subject to irritation. **Fainting** may occur when blood pools to lower parts of the body and as a result, does not return to the heart to be pumped to the brain. Heat related fainting often occurs during activities that require standing erect and immobile in the heat for long periods of time. **Heat cramps** are painful spasms of the muscles due to excessive salt loss associated with profuse sweating. **Heat exhaustion** results from the loss of large amounts of fluid and excessive loss of salt from profuse sweating. The skin will be clammy and moist and the affected individual may exhibit giddiness, nausea and headache. **Heat stroke** occurs when the body's temperature regulatory system has failed. The skin is hot, dry, red and spotted. The affected person may be mentally confused and delirious. Convulsions could occur. EARLY RECOGNITION AND TREATMENT OF HEAT STROKE ARE THE ONLY MEANS OF PREVENTING BRAIN DAMAGE OR DEATH. A person exhibiting signs of heat stroke should be removed from the work area to a shaded area. The person should be soaked with water to promote evaporation. Fan the person's body to increase cooling. Increased body temperature and physical discomfort also promote irritability and a decreased attention to the performance of hazardous tasks.

Early Symptoms of Heat-Related Health Problems:

- Decline in task performance
- Reduced vigilance

- incoordination
- decline in alertness
- unsteady walk
- excessive fatigue
- muscle cramps
- dizziness

Susceptibility to Heat Stress Increases due to:

- lack of physical fitness
- lack of acclimation
- increased age
- dehydration
- obesity
- drug or alcohol use
- sunburn
- infection

People unaccustomed to heat are particularly susceptible to heat fatigue. First timers in PPE need to gradually adjust to the heat.

The Effect of Personal Protective Equipment

Sweating normally cools the body as moisture is removed from the skin by evaporation. However, the wearing of certain personal protective equipment (PPE), particularly chemical protective coveralls (e.g., Tyvek), reduces the body's ability to evaporate sweat and thereby regulate heat buildup. The body's efforts to maintain an acceptable temperature can therefore become significantly impaired by the wearing of PPE.

Measures to Avoid Heat Stress:

The following guidelines should be adhered to when working in hot environments:

- Establish work-rest cycles (short and frequent are more beneficial than long and seldom).
- Identify a shaded, cool rest area.
- Rotate personnel, alternative job functions.
- Water intake should be equal to the sweat produced. Most workers exposed to hot conditions drink less fluid than needed because of an insufficient thirst. DO NOT DEPEND ON THIRST TO SIGNAL WHEN AND HOW MUCH TO DRINK. For an 8-hour workday, 50 ounces of fluids should be drunk.
- Eat lightly salted foods or drink salted drinks such as Gatorade to replace lost salt.
- Save most strenuous tasks for non-peak heat hours such as the early morning or at night.
- Avoid alcohol during prolonged periods of heat. Alcohol will cause additional dehydration.
- Avoid double shifts and/or overtime.

The implementation and enforcement of the above mentioned measures would be the joint responsibility of the project manager, on-site field coordinator, and health and safety officer. Potable water and fruit juices should be made available each day for the field team.

Heat Stress Monitoring Techniques

Site personnel should regularly monitor their heart rate as an indicator of heat strain by the following method:

> Check radial pulse rates by using fore-and middle fingers and applying light pressure to the pulse in the wrist for one minute at the beginning of each rest cycle. If the pulse rate exceeds 110 beat/minute, shorten the next work cycle by one-third and keep the rest period the same. If, after the next rest period, the pulse rate still exceeds 110 beats/minute, shorten the work cycle again by one-third.

5.6. Insects etc.

Insect repellants containing DEET as a main ingredient are most effective against mosquitoes and other insects. DEET can be directly applied to the exposed skin of adults and/or clothing. Permanone® is another repellent however, it can only be directly applied to clothing.

5.7. Drilling Hazards

5.7.1. Conventional Drilling

Use of a hollow stem augur or sonic drill rig to advance soil borings and install monitoring wells will require all personnel in the vicinity of the operating rig to wear steel-toed boots, hardhats, hearing protection and safety eyewear. Personnel shall not remain in the vicinity of operating equipment unless it is required for their work responsibilities. Additionally, the following safety requirements must be adhered to:

- All drill rigs and other machinery with exposed moving parts must be equipped with an operational emergency stop device. Drillers and geologists must be aware of the location of this device. This device must be tested prior to job initiation and periodically thereafter. The driller and helper shall not simultaneously handle augers unless there is a standby person to activate the emergency stop.
- The driller must never leave the controls while the rig is running unless all personnel are kept clear of rotating equipment.
- A long-handled shovel or equivalent must be used to clear drill cuttings away from the hole and from rotating tools. Hands and/or feet are not to be used for this purpose.

- A remote sampling device must be used to sample drill cuttings if the tools are rotating or if the tools are readily capable of rotating. Samplers must not reach into or near the rotating equipment. If personnel must work near any tools which could rotate, the driller must shut down the rig prior to initiating such work.
- Drillers, helpers and geologists must secure all loose clothing when in the vicinity of drilling operations.
- Only equipment which has been approved by the manufacturer may be used in conjunction with site equipment and specifically to attach sections of drilling tools together. Pins that protrude excessively from augers shall not be allowed
- No person shall climb the drill mast while tools are rotating.
- No person shall climb the drill mast without the use of ANSI-approved fall protection (approved belts, lanyards and a fall protection slide rail) or portable ladder which meets the requirements of OSHA standards.

6. AIR MONITORING

During routine O&M or sampling at remediation sites, air monitoring is not expected to be necessary. However, for sites having high concentrations of contaminant, or during certain maintenance or sampling activities in which the system is open to the atmosphere, the following instruments may be necessary to verify no exposures or explosion hazards:

6.1. Direct Reading Instrumentation

Instrument I: Photoionization detector (PID)

A PID, such as a RaeSystems MiniRae 2000 ™ equipped with a 10.6 ev lamp, should be used to screen the breathing zone of O&M employees during potential chemical exposures (working with open remediation systems, filter changes, repair of monitoring wells, and sampling activities. If breathing zone concentrations are sustained (15 minutes) at 75 PID units, Level C respiratory protection, as described in Section 7.2, will be donned. This action level is based on the PEL of hexane, and upon 1/6 of the PEL for gasoline, and is designed to protect against the most toxic component of gasoline (benzene), as reported in vapor studies. This action level is also adequate to protect employees from exposure to the vapors of chlorinated solvents, unless vinyl chloride and DCE are present, in which case specific detector tubes are required.

A PID, such as a RaeSystems MiniRae 2000 ™ equipped with a 10.6 eV lamp and calibrated to isobutylene, be used to screen the breathing zone of O&M employees during potential chemical exposures (working with open remediation systems, filter changes, repair of monitoring wells, and sampling activities If breathing zone concentrations are sustained (15 minutes) at 50 units above background, Level C respiratory protection, as described in Section 7.2, will be donned.

This 50 unit Action Limit is based on the following:

- The current TLV for gasoline is 300 ppm. The most toxic component of gasoline is benzene, whose current TLV is 0.5 ppm. Studies done by McDermott and Killiany in 1978 (Quest for a Gasoline TLV – AIHAJ 39:110-117, 1978) indicate that the benzene content of gasoline vapor is typically in the range of 0.4%. To assure that employee exposures to benzene remain below the current TLV of 0.5 ppm, ENSR has established an Action Limit of 50 ppm total VOCs (i.e., approximately 0.5 ppm/0.4%) for gasoline contaminated sites. Based upon RaeSystems response data for gasoline on an isobutylene calibrated instrument (i.e., 1.0), this equates to an instrument reading of 50 units. This action level is also more than adequate to protect employees from exposure to the vapors of chlorinated solvents that may be on site due to former on-site auto repair activities or off-site sources of contamination (unless vinyl chloride and DCE are present, in which case specific detector tubes are required).

Instrument II: Combustible Gas Monitor (CGI, or LEL Meter)

If high levels of contamination (plume, etc.) are associated with the site, or if high PID readings are encountered (~1000 PID units), a CGI must be used to quantify the reading for explosive gases or vapors. The action level for stopping work is 10% LEL.

6.2. Personal Exposure Monitoring

Personal exposure monitoring will not be conducted.

6.3. Calibration and Recordkeeping

The PID (and the CGI, if used) will be calibrated on a daily basis in accordance with ENSR's Standard Operating Procedure and manufacturer's instructions. All PID readings will be recorded in the field notebook or on dedicated air monitoring result sheets. In addition, all calibrations must be recorded.

7. PERSONAL PROTECTIVE EQUIPMENT

7.1. Protective Clothing

To prevent direct dermal contact with potentially contaminated soil and/or groundwater, the following protective clothing requirements will be followed:

PPE Item	General	Sampling
Hard hat	1	√
Safety glasses	1	√
Faceshield		5
Steel-toed boots	1	
Gloves, Inner PVC		√
Gloves, Outer Nitrile		√
Traffic Vest	√	√

1. According to client rules for the site.
2. Wear work gloves when handling pipe or sharp-edged equipment; impervious gloves for chemical exposure.
3. Wear hearing protection in areas where noise levels exceed 85 dBA (or speech becomes difficult)
4. Lockout/Tagout is required when working on energized equipment.
5. Goggles or a face shield are required where contaminant may be splashed or is under pressure.

7.2. Respiratory Protection

Although respiratory protection is not expected to be needed during most O&M activities, air monitoring should be performed when working with high contamination, open systems, or elsewhere if exposure may be likely. If the Action Limit of 50 PID units is exceeded for more than a 15-minute period within the breathing zone of employees, Level C respiratory protection will be required.

Task	Action Limit	Respiratory Protection
When working with high contamination, open systems, or elsewhere if exposure may be likely	50 units above background on the PID for sustained 15 minute period.	Half mask air purifying respirator with combination organic vapor/HEPA cartridges

Respiratory protection should also be donned if:

- Odors become objectionable at any time or
- Respiratory tract irritation is noticed.

All employees who are expected to wear respiratory protection must have successfully passed a quantitative or qualitative fit-test within the past year.

Level C offers no protection against the hazards associated with exposure to carbon monoxide. If heating or other sources of combustion are used within a building, a carbon monoxide meter must be used to monitor the build up of exhaust gas in the building. The unit will be set to alarm at 25 ppm. If the alarm sounds, work will cease and all employees will leave the building. If carbon monoxide concentrations can not be reduced, mechanical ventilation will be required.

7.3. Other Safety Equipment

The following additional safety equipment will be brought to the site:

- Portable eye wash
- First Aid Kit
- Type A-B-C fire extinguisher
- Portable phone

8. SITE CONTROL

To prevent both exposure to unprotected personnel and migration of contamination due to tracking by personnel or equipment, work areas along with personal protective equipment requirements will be clearly defined.

8.1. Designation of Zones

- Exclusion or "hot" Zone
- Contamination Reduction Zone (CRZ)
- Support Zone

8.2. Exclusion Zone

Some service stations will be open to the public while O&M activities are taking place. A restricted zone will be established around those work areas where samples are being collected and processed. The purpose of this restricted zone is to warn patrons of the potential hazards associated with the activities being performed by ENSR. If space permits, a 10-foot radius restricted zone will be established around the work area. Temporarily restricted zones should be outlined with traffic cones or "Caution Tape" to prohibit entry by the general public, however, long-term remediation operations should be protected in a more permanent manner from public access.

Similarly, restricted zones should be established around sampling and other work areas so that motorists can easily identify the presence of ENSR personnel on the property.

8.3. Contamination Reduction Zone

Contamination reduction facilities will be established immediately adjacent to any area in which workers may be exposed to toxic material. This is where personnel will begin the sequential decontamination process (see Section 9.0) when exiting the exclusion zone. To prevent cross contamination and for accountability purposes, all personnel will enter and leave the exclusion zone through the contamination reduction zone.

8.4. Support Zone

The support zone will consist of those areas around the exclusion zone where equipment is staged. Eating, drinking and smoking will be limited to this area.

8.5. Safety Measures/Precautions

The following measures are designed to augment the specific health and safety guidelines provided in this plan.

- ENSR personnel should avoid working alone on remote sites. On most sites, client, subcontractor, or public personnel are generally nearby in case of an emergency or accident. ENSR personnel, through coordination, can rely upon these personnel for assistance in an emergency. If no one else is nearby, scheduled call-in's on a cell phone may be used to assure personal safety.
- Avoidance of contamination is of the utmost importance. Whenever possible, avoid contact with contaminated (or potentially contaminated) surfaces or materials. Walk around (not through) puddles and discolored surfaces. Do not kneel on the ground or set equipment on the ground. Protect air monitoring equipment from water by bagging.
- Eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of materials is prohibited in the immediate work area and the decontamination zone.
- Hands and face must be thoroughly washed upon leaving the work area and before eating, drinking or any other activities.
- Beards or other facial hair that interfere with respirator fit are prohibited.
- The use of alcohol or illicit drugs is prohibited during the conduct of field operations.
- All equipment must be decontaminated or properly discarded before leaving the site in accordance with the project work plan.
- Safety equipment described in Section 6 and 7 will be required for all field personnel unless otherwise approved by the RHSM.

9. DECONTAMINATION

Proper decontamination is required of all personnel before leaving the site. The extent of personnel decontamination will depend on the amount of contamination encountered. Personnel decontamination will be accomplished by following a systematic procedure of cleaning (when necessary) and removing personal protective clothing (PPE). If necessary, contaminated PPE such as boots will be rinsed free of gross contamination, scrubbed clean in a detergent solution and then rinsed clean. To facilitate this, it may be necessary to establish a three basin wash system on site.

Disposable PPE, such as gloves, will be disposed of in accordance with the work plan and the client's requirements.

Regardless of the type of decontamination system required, if washing facilities are unavailable, a container of potable water and liquid soap must be made available so employees can wash their hands and face before leaving the site for lunch or for the day.

10. MEDICAL / TRAINING REQUIREMENTS

10.1. Medical Surveillance

All personnel performing activities covered by this HASP must be active participants in a medical monitoring program that complies with 29 CFR 1910.120 (f). Each individual must have completed an annual surveillance examination and/or an initial baseline examination within the last year prior to performing any work on this site covered by this HASP.

10.2. Training

All personnel performing activities covered by this HASP must have completed the appropriate training requirements specified in 29 CFR 1910.120 (e). Each individual must have completed an annual 8-hour refresher training course and/or initial 40-hour training course within the last year prior to performing any work on this site covered by this HASP.

In addition, each project location must have at least one staff member present on site at all times who is currently trained in First Aid and CPR (Cardio Pulmonary Resuscitation).

10.3. Site Safety Meetings

Prior to the commencement of investigative activities at each project location, a site safety meeting will be conducted by the SSO to review the specific requirements of this HASP. Attendance at this pre-entry briefing is mandatory and will be documented (see Attachment B). Short safety refresher meetings will be conducted at least every 10 days thereafter, or as otherwise needed, throughout the duration of the project.

11. AUDITS AND INSPECTIONS

Safety audits must be conducted and documented for each project location on a monthly basis. In order to meet this requirement, typically these inspections will have to be conducted by the ENSR field team leader and/or project manager.

For short duration jobs (i.e., one week or less), the safety inspection should be conducted shortly after the work has commenced. For longer duration jobs, the inspection should be conducted shortly after commencement and monthly thereafter.

Audits should be documented on the ENSR PM Audit Checklist. To reduce the overall length of this HASP, a copy of the audit checklist is embedded below. Access the checklist by clicking on the icon below. ENSR PMs should print out a copy of the checklist before leaving for the job site, unless a computer and printer will be available at the site.



"Audit Inspection Checklist.xls"

12. INCIDENT RESPONSE

12.1. Emergencies

OSHA defines emergency response as any "response effort by employees from outside the immediate release area or by other designated responders (i.e., mutual-aid groups, local fire departments, etc.) to an occurrence that results, or is likely to result in an uncontrolled release of a hazardous substance." According to ENSR policy, ENSR personnel shall not participate in any emergency response where there are potential safety or health hazards (i.e., fire, explosion, or chemical exposure). ENSR response actions will be limited to evacuation and medical/first aid as described within this section below. As such, this section of the HASP has been written to comply with 29 CFR 1910.38 (a).

The basic elements of an emergency evacuation plan include employee training, alarm systems, escape routes, escape procedures, critical operations or equipment, rescue and medical duty assignments, designation of responsible parties, emergency reporting procedures and methods to account for all employees after evacuation.

Employee Training: Employees must be instructed in the specific aspects of emergency evacuation applicable to the site as part of the pre-entry briefing prior to the commencement of all on-site activities. On-site refresher or update training is required anytime escape routes or procedures are modified or personnel assignments are changed.

Alarm Systems/Emergency Signals: An emergency communication system must be in effect at all sites. The most simple and effective emergency communication system in many situations will be **direct verbal communications**.

Due to the small size of the sites direct communications will be sufficient to warn all employees of a site-related emergency. Although most of the facilities are occupied, some of the facilities are abandoned. ENSR should bring cellular phones to every unoccupied facility with them to summons emergency responders, if necessary.

Escape Routes and Procedures: The escape route from the work location will be verified by the SSO upon arrival to the site. The route will be reviewed with all employees during the pre-entry briefing.

Critical Operations and Equipment: All equipment and operations are required to cease in the event of site evacuation. The only exception will be related to health and safety. The PM or SSO must determine at the time of an emergency if health and safety will be jeopardized by immediate stoppage of any particular piece of equipment or personal activities. If such a

determination is made, personnel involved in critical duties must be minimized and special instructions must be established.

Rescue and Medical Duty Assignments: Prior to initiating work at the site, an ENSR field team member, usually the SSO, shall be appointed to activate emergency response actions. In the event an injury or illness requires more than first aid treatment, that individual will accompany the injured person to the medical facility and will remain with the person until release or admittance is determined. The escort will relay all appropriate medical information to the on-site project manager and the RHSM.

If the injured employee can be moved from the accident area, he or she will be brought to the CRZ where their PPE will be removed. If the person is suffering from a back or neck injury the person will not be moved and the requirements for decontamination do not apply. The SSO must familiarize the responding emergency personnel about the nature of the site and the injury. If the responder feels that the PPE can be cut away from the injured person's body, this will be done on-site. If this not feasible, decontamination will be performed after the injured person has been stabilized.

Designation of Responsible Parties: The SSO is responsible for initiating emergency response. In the event the SSO can not fulfill this duty, the alternate SSO will take charge. All personnel onsite are responsible for knowing the escape route from the site.

Employee Accounting Method: The on-site project manager or SSO is responsible for identifying all ENSR personnel on-site at all times. On small, short duration jobs this can be done informally as long as accurate accounting, via a head-count, is possible.

12.2. Incident Reporting/Investigation

12.2.1. ENSR Requirements

All work-related injuries and illnesses, regardless of severity, must be reported to the ENSR field team leader and/or project manager immediately. The field team leader and/or project manager must report the incident to the ENSR RHSM as soon as possible. Utilize the RHSMs voice mail or e-mail if the incident occurs after hours.

In addition, all near miss incidents must be reported to the ENSR RHSM as soon as possible.

An ENSR Supervisor's Accident Investigation Report form (Attachment C) must be completed by the ENSR field team leader and/or project manager in accordance with the instructions provided by the RHSM and submitted to the RHSM within 24 hours of occurrence of the incident.

EMERGENCY REFERENCES

	Phone Number and/or Address as appropriate
Ambulance Service:	**911**
Police:	**911**
Fire:	**911**
Local Hospital:	
Kindred Hospital 845 N. Lark Ellen Avenue West Covina, California	(629) 339-5451
Directions to Hospital:	See map on following page

Other Important Numbers:

Nearest Onsite Phone: On-site workers will use cell phones

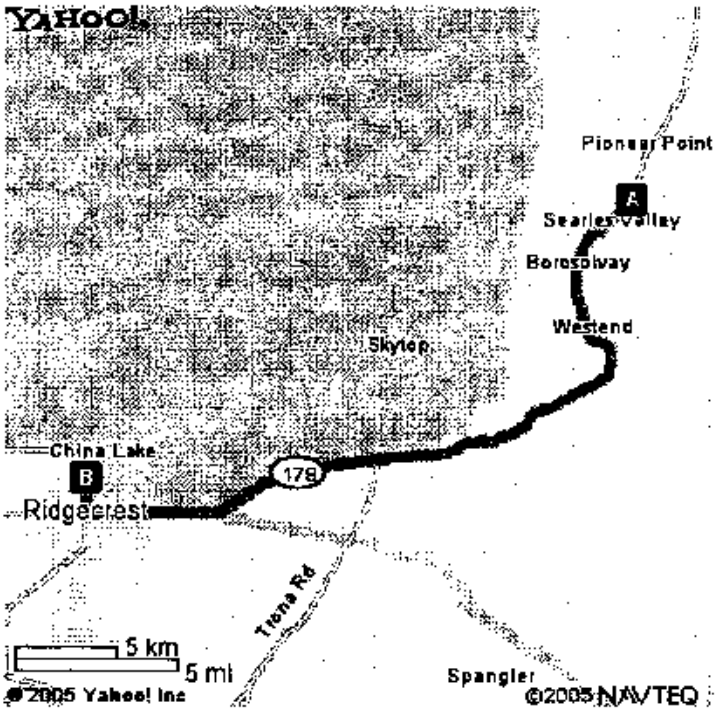
Emergency Contact Information <Southern California Dig Alert 800-422-4133

LA COUNTY PUBLIC WORKS - ROAD DEPT	RICK NINKE	626-458-1704
MPOWER COMMUNICATIONS - ITC LOCATES	NO INFORMATION PROVIDED	Information not provided
SC GAS	CALL CENTER	800-427-2200
AT&T LOCAL SERVICES (TCG)	LARRY PASCHALL	714-845-3522
UNITED CABLE TV	Information not provided	Information not provided
UTI FOR SC EDISON DISTRIBUTION	Information not provided	Information not provided
UTI FOR SC EDISON-TELECOMMUNICATIONS	ORLANDO OLIVAS	626-308-6313
UTILIQUEST FOR VERIZON-IRWINDALE	NETWORK DISPATCH CENTER	800-367-5801
VALLEY COUNTY WTR DIST	Information not provided	Information not provided

ENSR REPRESENTATIVES:

ENSR – Camarillo, CA	805-388-3775
Bob Baca (PM)	805-388-3775
Joe Sanders (RHSM)	970-970-8878

Hospital Location Map



Distance: 4.5 miles **Travel Time: 8 minutes**

Your Directions

1. Start at **5305 RIVERGRADE RD, IRWINDALE** - go **0.2** mi
2. Turn (R) on **ARROW HWY** - go **3.0** mi
3. Turn (R) on **N LARK ELLEN AVE** - go 1.4 mi
4. Arrive at **845 N LARK ELLEN AVE, WEST COVINA**, on the (R)

ATTACHMENT A

Health and Safety Plan Signoff Sheet

Health and Safety Plan Signoff Sheet
Sonic Drilling and Soil Sampling Activities
5305 Rivergrade Road
Irwindale, California

I have received a copy of the Health and Safety Plan prepared for the above referenced site, I have read and understand its content and I agree that I will abide by its requirements.

Name	Signature	Company	Date

ATTACHMENT B

Pre-Entry Briefing Attendance Sheet

ENSR HEALTH AND SAFETY PLAN PRE-ENTRY BRIEFING ATTENDANCE FORM

Health and Safety Plan Signoff Sheet
Sonic Drilling and Soil Sampling Activities
5305 Rivergrade Road
Irwindale, California

Conducted by:		**Date Performed:**	
Topics Discussed:	1. Review of the content of the HASP (Required)		
	2.		
	3.		
	4.		

Attendees (Printed):	Signature	Representing

ATTACHMENT C

Supervisor's Accident Investigation Report

ATTACHMENT 8.1
Supervisor's Accident Investigation Report

Injured Employee _____ Job Title _____

Home Office _____ Division/Department _____

Date/Time of Accident _____

Location of Accident _____

Witnesses to the Accident _____

Injury Incurred? _____ Nature of Injury _____

_____

Engaged in What Task When Injured? _____

_____

Will Lost Time Occur? _____ How Long? _____ Date Lost Time Began _____

Were Other Persons Involved/Injured? _____

How Did the Accident Occur? _____

_____

_____

Why Did it Occur? _____

_____

_____

What Could Be Done to Prevent Recurrence of the Accident? _____

_____

_____

What Actions Have You Taken Thus Far to Prevent Recurrence? _____

_____

_____

Supervisor's Name _____ Signature: _____ Date: _____

Note: If the space provided on this form is insufficient, provide additional information on separate paper and attach. The completed accident investigation report must be submitted to the ENSR Regional Health and Safety Manager within three days of the occurrence of the accident.

ATTACHMENT D

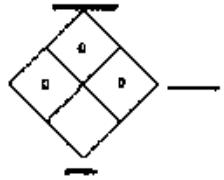
Material Safety Data Sheets

Airgas

MATERIAL SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI and Canadian WHMIS Standards

NFPA RATING



PART I *What is the material and what do I need to know in an emergency?*

1. PRODUCT IDENTIFICATION

CHEMICAL NAME/ CLASS:	**NON-FLAMMABLE GAS MIXTURE**
	Document Number: 002103
PRODUCT USE:	For general analytical/synthetic chemical uses.
SUPPLIER/MANUFACTURER'S NAME:	AIRGAS INC.
ADDRESS:	259 North Radnor-Chester Road
	Suite 100
	Radnor, PA 19087-5283
BUSINESS PHONE:	1-610-687-5253
EMERGENCY PHONE:	1-800-949-7937
	International: 1-423-479-0293
DATE OF PREPARATION:	April 22, 2001

2. COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	mole %	EXPOSURE LIMITS IN AIR					
			ACGIH		OSHA		NIOSH	OTHER
			TLV ppm	STEL ppm	PEL ppm	STEL ppm	IDLH ppm	ppm
Isobutylene	115-11-7	1 ppm - 1.7%	There are no specific exposure limits for Isobutylene. Isobutylene is a simple asphyxiant (SA). Oxygen levels should be maintained above 19.5%.					
Air	25635-86-5	Balance	There are no specific exposure limits applicable to Air.					
Air is a mixture of gases. The primary components of air, and the approximate concentration of each component, are listed below.								
Nitrogen	7727-37-9	79%	There are no specific exposure limits for Nitrogen. Nitrogen is a simple asphyxiant (SA). Oxygen levels should be maintained above 19.5%.					
Oxygen	7782-44-7	21%	There are no specific exposure limits for Oxygen.					

NE = Not Established. See Section 16 for Definitions of Terms Used

NOTE (1): ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-1998 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a colorless, odorless, non-flammable gas. The main health hazards associated with releases of this gas are related to the high pressure within the cylinder. Air, the main component of this product, is generally considered non-flammable, however, Air will support combustion. The flammable component of this gas mixture is below the LEL. A cylinder rupture hazard exists when this product, which is under pressure, is subjected to heat or flames. Emergency responders must wear personal protective equipment appropriate for the situation to which they are responding.

3. HAZARD IDENTIFICATION (Continued)

SYMPTOMS OF OVER-EXPOSURE BY ROUTE OF EXPOSURE: The most significant route of over-exposure for air is by inhalation at elevated or reduced pressure.

INHALATION: This product is non-toxic. Air, the main component of this product, is necessary for life.

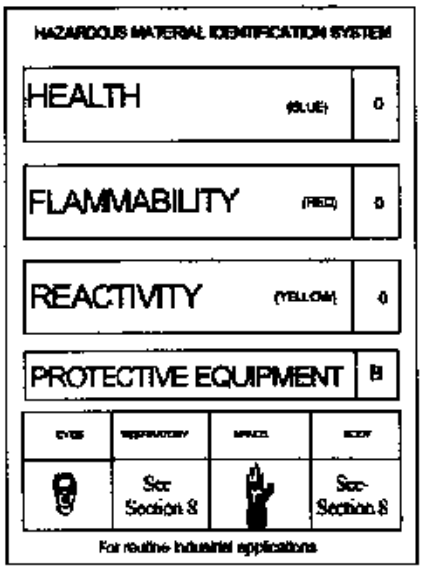
OTHER POTENTIAL HEALTH EFFECTS: Contact with rapidly expanding gases (which are released under high pressure) may cause frostbite. Symptoms of frostbite include change in skin color to white or grayish-yellow. The pain after contact with liquid can quickly subside.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: An Explanation in Lay Terms. Over-exposure to this product may cause the following health effects:

ACUTE: The most significant hazards associated with compressed air is the pressure hazard. Contact with rapidly expanding gases (which are released under high pressure) may cause frostbite. Symptoms of frostbite include change in skin color to white or grayish-yellow. The pain after contact with liquid can quickly subside.

CHRONIC: There are currently no known adverse health effects associated with chronic exposure to this gas.

TARGET ORGANS: ACUTE: Respiratory system under ambient low pressure conditions. Central nervous system under ambient high pressure conditions. CHRONIC: None expected.



See Section 16 for Definition of Ratings

PART II *What should I do if a hazardous situation occurs?*

4. FIRST-AID MEASURES

RESCUERS SHOULD NOT ATTEMPT TO RETRIEVE VICTIMS OF EXPOSURE TO THIS PRODUCT WITHOUT ADEQUATE PERSONAL PROTECTIVE EQUIPMENT. At a minimum, Self-Contained Breathing Apparatus equipment should be worn.

Victim(s) must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to physician or other health professional with victim(s). Remove victim(s) to fresh air, as quickly as possible. In case of eye contact which leads to irritation, immediately flush eyes with copious amounts of water for at least 15 minutes. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Only trained personnel should administer supplemental oxygen.

In case of frostbite, place the frostbitten part in warm water. DO NOT USE HOT WATER. If warm water is not available, or is impractical to use, wrap the affected parts gently in blankets. Alternatively, if the fingers or hands are frostbitten, place the affected area in the armpit. Encourage victim to gently exercise the affected part while being warmed. Seek immediate medical attention.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Acute or chronic respiratory conditions, as well as disorders involving the "Target Organs", as listed in Section 3 (Hazard Information), may be aggravated by overexposure to the components of this product.

RECOMMENDATIONS TO PHYSICIANS: Administer oxygen as soon as possible, following exposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT: Not applicable.
AUTOIGNITION TEMPERATURE: Not applicable.
FLAMMABLE LIMITS (in air by volume, %):
Lower (LEL): Not applicable.
Upper (UEL): Not applicable.

5. FIRE-FIGHTING MEASURES (Continued)

FIRE EXTINGUISHING MATERIALS: Non-flammable gas. Use extinguishing media appropriate for surrounding fire.

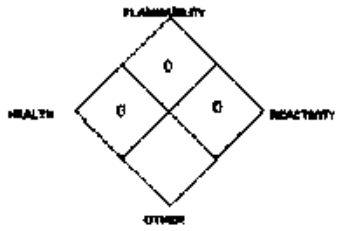
UNUSUAL FIRE AND EXPLOSION HAZARDS: When involved in a fire, this material may decompose and produce toxic gases including carbon monoxide and carbon dioxide. Additionally, when involved in fire, the cylinders may rupture.

Explosion Sensitivity to Mechanical Impact: Not Sensitive.

Explosion Sensitivity to Static Discharge: Not Sensitive.

SPECIAL FIRE-FIGHTING PROCEDURES: Structural fire-fighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move fire-exposed cylinders from area, if it can be done without risk to fire-fighters. Withdraw immediately in case of rising sounds from venting pressure relief devices or any discoloration of tanks or cylinders due to a fire.

NFPA RATING



See Section 15 for Definition of Ratings

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a release, clear the affected area, protect people, and respond with trained personnel. Minimum Personal Protective Equipment should be Level D: safety glasses, and mechanically-resistant gloves. Level B, which includes the use of Self-Contained Breathing Apparatus, should be worn when oxygen levels are below 19.5% or are unknown. Locate and seal the source of the leaking gas. If this does not stop the release (or if it is not possible to reach the valve), allow the gas to release in place or remove it to a safe area and allow the gas to be released there.

PART III *How can I prevent hazardous situations from occurring?*

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Do not eat or drink while handling chemicals.

STORAGE AND HANDLING PRACTICES: Cylinders should be stored in dry, well-ventilated areas away from sources of heat. Compressed gases can present significant safety hazards. Store containers away from heavily trafficked areas and emergency exits.

SPECIAL PRECAUTIONS FOR HANDLING GAS CYLINDERS: Protect cylinders against physical damage. Store in cool, dry, well-ventilated, fireproof area, away from flammable or combustible materials and corrosive atmospheres. Store away from heat and ignition sources and out of direct sunlight. Do not store near elevators, corridors or loading docks. Do not allow area where cylinders are stored to exceed 52°C (125°F). Isolate from incompatible materials including flammable materials (see Section 10, Stability and Reactivity), which can burn violently. Use only storage containers and equipment (pipes, valves, fittings to relieve pressure, etc.) designed for the storage of Air. Do not store containers where they can come into contact with moisture. Cylinders should be stored upright and be firmly secured to prevent falling or being knocked over. Cylinders can be stored in the open, but in such cases, should be protected against extremes of weather and from the dampness of the ground to prevent rusting. Never tamper with pressure relief devices in valves and cylinders. The following rules are applicable to situations in which cylinders are being used:

Before Use: Move cylinders with a suitable hand-truck. Do not drag, slide or roll cylinders. Do not drop cylinders or permit them to strike each other. Secure cylinders firmly. Leave the valve protection cap in-place until cylinder is ready for use.

During Use: Use designated CGA fittings and other support equipment. Do not use adapters. Do not heat cylinder by any means to increase the discharge rate of the product from the cylinder. Use check valve or trap in discharge line to prevent hazardous backflow into the cylinder. Do not use oils or grease on gas-handling fittings or equipment.

After Use: Close main cylinder valve. Replace valve protection cap. Mark empty cylinders "EMPTY".

NOTE: Use only DOT or ASME code containers. Earth-ground and bond all lines and equipment associated with this product. Close valve after each use and when empty. Cylinders must not be recharged except by or with the consent of owner. For additional information refer to the Compressed Gas Association Pamphlet P-1, *Safe Handling of Compressed Gases in Containers*. Additionally, refer to CGA Bulletin SB-2 "*Oxygen Deficient Atmospheres*".

7. HANDLING and STORAGE (Continued)

PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: Follow practices indicated in Section 6 (Accidental Release Measures). Make certain application equipment is locked and tagged-out safely. Purge gas handling equipment with inert gas (i.e. nitrogen) before attempting repairs. Always use product in areas where adequate ventilation is provided.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation.

RESPIRATORY PROTECTION: Maintain Oxygen levels above 19.5% in the workplace. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29 CFR 1910.134), applicable U.S. State regulations, or the Canadian CSA Standard Z94.4-93 and applicable standards of Canadian Provinces. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under OSHA's Respiratory Protection Standard (1910.134-1998).

EYE PROTECTION: Splash goggles, face-shields or safety glasses. If necessary, refer to U.S. OSHA 29 CFR 1910.133, or Canadian Standards.

HAND PROTECTION: Wear mechanically-resistant gloves when handling cylinders of this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Use body protection appropriate for task. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR.

9. PHYSICAL and CHEMICAL PROPERTIES

The following information is for Air, the main component of this product, unless otherwise stated:

RELATIVE VAPOR DENSITY: 1	EVAPORATION RATE (nBuAc = 1): Not applicable.
SPECIFIC GRAVITY: Not applicable.	FREEZING POINT: -216.2°C (-357.2°F)
SOLUBILITY IN WATER: 1.48% (v/v)	BOILING POINT @ 1 atmos: -194.3°C(-317.8°F)
VAPOR PRESSURE, mmHg @ 20°C: Gas, ambient.	pH: Not applicable.
EXPANSION RATIO: Not applicable.	VAPOR PRESSURE: Not applicable.
SPECIFIC VOLUME: 13.3 ft^3/lb; (0.833 m^3/kg)	ODOR THRESHOLD: Not applicable.

COEFFICIENT WATER/OIL DISTRIBUTION: Not applicable

The following information is pertinent to this gas mixture:

APPEARANCE, ODOR AND COLOR: This product is a colorless, odorless gas.

HOW TO DETECT THIS SUBSTANCE (warning properties): There are no distinctive properties to this product. In terms of leak detection, fittings and joints can be painted with a soap solution to detect leaks, which will be indicated by a bubble formation.

10. STABILITY and REACTIVITY

STABILITY: Normally stable.

DECOMPOSITION PRODUCTS: None known.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Air (the main component of this product) is not compatible with fuels, in that air will support combustion. The isobutylene component of this mixture is incompatible with Strong oxidizers (e.g., chlorine, bromine pentafluoride, oxygen, oxygen difluoride, and nitrogen trifluoride).

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with incompatible materials and exposure to heat, sparks and other sources of ignition. Cylinders exposed to high temperatures or direct flame can rupture or burst.

PART III *How can I prevent hazardous situations from occurring?*

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA: The following toxicology data are for the components of this gas mixture present at a level greater than 1 mole %:

ISOBUTYLENE:
LC_{50} (Inhalation-Rat) 620 gm/m^3/4 hours

ISOBUTYLENE (continued):
LC_{50} (Inhalation-Mouse) 415 gm/m^3/2 hours

SUSPECTED CANCER AGENT: No component of this gas mixture is found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC, and therefore is not considered to be, nor suspected to be, cancer-causing agents by these agencies.

11. TOXICOLOGICAL INFORMATION (Continued)

IRRITANCY OF PRODUCT: Contact with rapidly expanding gases can cause frostbite and damage to exposed skin and eyes.

SENSITIZATION OF PRODUCT: No component of this product is a skin or respiratory sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: This product is not reported to cause mutagenic effects in humans.
Embryotoxicity: This product is not reported to cause embryotoxic effects in humans.
Teratogenicity: This product is not reported to cause teratogenic effects in humans.
Reproductive Toxicity: This product is not reported to cause adverse reproductive effects in humans.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generation lines. An embryotoxin is a chemical which causes damage to a developing embryo (i.e. within the first eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

BIOLOGICAL EXPOSURE INDICES: Biological Exposure Indices (BEIs) have been determined for the components of this product are as follows:

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL STABILITY: This gas will be dissipated rapidly in well-ventilated areas.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No adverse effect is anticipated to occur to plant life, except for frost produced in the presence of rapidly expanding gases.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No evidence of an adverse effect of this product on aquatic life is currently available.

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Product removed from cylinder must be disposed of in accordance with appropriate U.S. Federal, State and local regulations or with regulations of Canada and its Provinces. Return cylinders with residual product to Airgas, Inc. Do not dispose of locally.

14. TRANSPORTATION INFORMATION

THIS GAS MIXTURE IS HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:	Compressed gases, n.o.s. (Air, Isobutylene)
HAZARD CLASS NUMBER and DESCRIPTION:	2.2 (Compressed Gas)
UN IDENTIFICATION NUMBER:	UN 1956
PACKING GROUP:	Not Applicable
DOT LABEL(S) REQUIRED:	Compressed Gas

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2000): 126

TRANSPORT CANADA TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This gas mixture is considered as dangerous goods, per regulations of Transport Canada. Use the above information for the preparation of Canadian Shipments.

15. REGULATORY INFORMATION

ADDITIONAL U.S. REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: The components of this gas mixture are not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this material. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA inventory.

OTHER U.S. FEDERAL REGULATIONS: Not applicable.

15. REGULATORY INFORMATION (Continued)

ADDITIONAL U.S. REGULATIONS (continued):

U.S. STATE REGULATORY INFORMATION: The components of this gas mixture are covered under specific State regulations, as denoted below:

Alaska - Designated Toxic and Hazardous Substances: None.
California - Permissible Exposure Limits for Chemical Contaminants: None.
Florida - Substance List: Isobutylene.
Illinois - Toxic Substance List: None.
Kansas - Section 302/313 List: None.
Minnesota - List of Hazardous Substances: Isobutylene.
Massachusetts - Substance List: None.
Missouri - Employer Information/Toxic Substance List: None.
New Jersey - Right to Know Hazardous Substance List: Isobutylene.
North Dakota - List of Hazardous Chemicals, Reportable Quantities: None.
Pennsylvania - Hazardous Substance List: Isobutylene.
Rhode Island - Hazardous Substance List: None.
Texas - Hazardous Substance List: None.
West Virginia - Hazardous Substance List: None.
Wisconsin - Toxic and Hazardous Substances: None.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): No component of this product is on the California Proposition 65 Lists.

LABELING: **CAUTION:** HIGH PRESSURE GAS.
MAY ACCELERATE COMBUSTION.

Keep oil and grease away.
Use equipment rated for cylinder pressure.
Close valve after each use and when empty.
Use in accordance with the Material Safety Data Sheet.

FIRST-AID: IF INHALED, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

IN CASE OF FROSTBITE, obtain immediate medical attention.
DO NOT REMOVE THIS PRODUCT LABEL.

ADDITIONAL CANADIAN REGULATIONS:

CANADIAN DSL INVENTORY: The components of this product are listed on the DSL Inventory.

OTHER CANADIAN REGULATIONS: Not applicable.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: The components of this product are not on the CEPA Priorities Substances Lists.

CANADIAN WHMIS SYMBOLS: Class A: Compressed Gases



16. OTHER INFORMATION

PREPARED BY: CHEMICAL SAFETY ASSOCIATES, Inc.
9163 Chesapeake Drive, San Diego, CA 92123-1002
858/565-0302

16. OTHER INFORMATION (Continued)

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. AirGas, Inc. assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, AirGas, Inc. assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

DEFINITIONS OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these which are commonly used include the following:

CAS #: This is the Chemical Abstract Service Number which uniquely identifies each constituent.

EXPOSURE LIMITS IN AIR:
ACGIH - American Conference of Governmental Industrial Hygienists, a professional association which establishes exposure limits. TLV - Threshold Limit Value - an airborne concentration of a substance which represents conditions under which it is generally believed that nearly all workers may be repeatedly exposed without adverse effect. The duration must be considered, including the 8-hour Time Weighted Average (TWA), the 15-minute Short Term Exposure Limit, and the instantaneous Ceiling Level (C). Skin absorption effects must also be considered.

OSHA - U.S. Occupational Safety and Health Administration
PEL - Permissible Exposure Limit - This exposure value means exactly the same as a TLV, except that it is enforceable by OSHA. The OSHA Permissible Exposure Limits are based in the 1989 PELs and the June, 1993 Air Contaminants Rule (Federal Register: 58: 35338-35351 and 58: 40191). Both the current PELs and the vacated PELs are indicated. The phrase, "Vacated 1989 PEL," is placed next to the PEL which was vacated by Court Order.

IDLH - Immediately Dangerous to Life and Health - This level represents a concentration from which one can escape within 30-minutes without suffering escape-preventing or permanent injury. The DFG - MAK is the Republic of Germany's Maximum Exposure Level, similar to the U.S. PEL. NIOSH is the National Institute of Occupational Safety and Health, which is the research arm of the U.S. Occupational Safety and Health Administration (OSHA). NIOSH issues exposure guidelines called Recommended Exposure Levels (RELs). When no exposure guidelines are established, an entry of NE is made for reference.

HAZARD RATINGS:
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: Health Hazard: 0 (minimal acute or chronic exposure hazard); 1 (slight acute or chronic exposure hazard); 2 (moderate acute or significant chronic exposure hazard); 3 (severe acute exposure hazard, one time overexposure can result in permanent injury and may be fatal); 4 (extreme acute exposure hazard; one time overexposure can be fatal). Flammability Hazard: 0 (minimal hazard); 1 (materials that require substantial pre-heating before burning); 2 (combustible liquid or solids; liquids with a flash point of 38-93°C [100-200°F]); 3 (Class IB and IC flammable liquids with flash points below 38°C [100°F]); 4 (Class IA flammable liquids with flash points below 23°C [73°F] and boiling points below 38°C [100°F]. Reactivity Hazard: 0 (normally stable); 1 (material that can become unstable at elevated temperatures or which can react slightly with water); 2 (materials that are unstable but do not detonate or which can react violently with water); 3 (materials that can detonate when initiated or which can react explosively with water); 4 (materials that can detonate at normal temperatures or pressures). PERSONAL PROTECTIVE EQUIPMENT CODES: B: Gloves and goggles; C: Gloves, goggles, rubber apron (appropriate body protection); D: Gloves, goggles, faceshield; rubber apron (appropriate body protection); X: Special attention should be given to PPE Selection.

NATIONAL FIRE PROTECTION ASSOCIATION: Health Hazard: 0 (material that on exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials); 1 (materials that on exposure under fire conditions could cause irritation or minor residual injury); 2 (materials that on intense or continued exposure under fire conditions could cause temporary incapacitation or possible residual injury); 3 (materials that can on short exposure could cause serious temporary or residual injury); 4 (materials that under very short exposure could cause death or major residual injury). Flammability Hazard and Reactivity Hazard: Refer to definitions for "Hazardous Materials Identification System".

FLAMMABILITY LIMITS IN AIR:
Much of the information related to fire and explosion is derived from the National Fire Protection Association (NFPA). Flash Point - Minimum temperature at which a liquid gives off sufficient vapors to form an ignitable mixture with air. Autoignition Temperature - The minimum temperature required to initiate combustion in air with no other source of ignition. LEL - the lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source. UEL - the highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source.

TOXICOLOGICAL INFORMATION:
Possible health hazards as derived from human data, animal studies, or from the results of studies with similar compounds are presented. Definitions of some terms used in this section are: LD_{50} - Lethal Dose (solids & liquids) which kills 50% of the exposed animals; LC_{50} - Lethal Concentration (gases) which kills 50% of the exposed animals; ppm concentration expressed in parts of material per million parts of air or water. mg/m^3 concentration expressed in weight of substance per volume of air; mg/kg quantity of material, by weight, administered to a test subject, based on their body weight in kg. Data from several sources are used to evaluate the cancer-causing potential of the material. The sources are: IARC - the International Agency for Research on Cancer; NTP - the National Toxicology Program; RTECS - the Registry of Toxic Effects of Chemical Substances. OSHA and CAL/OSHA. IARC and NTP rate chemicals on a scale of decreasing potential to cause human cancer with rankings from 1 to 4. Subrankings (2A, 2B, etc.) are also used. Other measures of toxicity include TDLo, the lowest dose to cause a symptom and TCLo the lowest concentration to cause a symptom; TDo, LDLo, and LDo, or TC, TCo, LCLo, and LCo, the lowest dose (or concentration) to cause lethal or toxic effects. BEI - Biological Exposure Indices, represent the levels of determinants which are most likely to be observed in specimens collected from a healthy worker who has been exposed to chemicals to the same extent as a worker with inhalation exposure to the TLV. Ecological Information: EC is the effect concentration in water.

REGULATORY INFORMATION:
This section explains the impact of various laws and regulations on the material. EPA is the U.S. Environmental Protection Agency. WHMIS is the Canadian Workplace Hazardous Materials Information System. DOT and TC are the U.S. Department of Transportation and the Transport Canada, respectively. Superfund Amendments and Reauthorization Act (SARA), the Canadian Domestic/Non-Domestic Substances List (DSL/NDSL), the U.S. Toxic Substances Control Act (TSCA). Marine Pollutant status according to the DOT; the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund); and various state regulations.

APPENDIX C
STANDARD OPERATING PROCEDURES

SOP NUMBER: 7115

Subsurface Soil Sampling by Split Spoon

Date:	3rd Qtr. 1994
Revision Number:	3
Author:	Charles Martin
Discipline:	Geosciencies

1.0 PURPOSE AND APPLICABILITY

1.1 Purpose and Applicability

This Standard Operating Procedure (SOP) describes the methods used in obtaining subsurface soil samples for physical and/or chemical analysis. Subsurface soil samples are obtained in conjunction with soil boring programs and provide information as to the physical and/or chemical makeup of the subsurface environment.

The purpose of this SOP is to provide a description of a specific method or procedure to be used in the collection of subsurface soil samples. Subsurface soil is defined as unconsolidated material which may consist of one or a mixture of the following materials: sand, gravel, silt, clay, peat (or other organic soils), and fill material. Subsurface soil sampling, conducted in accordance with this SOP will promote consistency in sampling and provide a basis for sample representativeness.

This SOP covers subsurface soil sampling by split-spoon only, as this is the means most often used for obtained samples of unconsolidated deposits. Other types of equipment are available for use in subsurface soil sampling, including thin-wall tube samplers (Shelby tubes), piston samplers, and continuous core barrel samplers. Information on the use of these other sampling devices may be found in several available drilling handbooks and respective state and/or federal agency technical guidance documents. The American Society for Testing and Materials (ASTM) also provides procedures for use of split-spoon and other sampling devices.

Deviations from this SOP to accommodate other regulatory requirements should be reviewed in advance of the field program, should be explained in the project work plan, and must be documented in the field project notebook when they occur.

1.2 General Principles

Split-spoon subsurface soil sampling generally requires use of a drilling rig and typically the hollow-stem auger or other common drilling method to generate a borehole in which to use the split-spoon sampler. The split-spoon sampler is

inserted through the augers (or other type of drill casing) then is driven into the subsurface soil with a weighted hammer. The sampler is then retrieved and opened to reveal the recovered soil sample. Soil samples may be collected at a continuous interval or at pre-selected vertically spaced intervals within the borehole.

1.3 Quality Assurance Planning Considerations

Sampling personnel should follow specific quality assurance guidelines as outlined in the site-specific Quality Assurance Project Plan (QAPP). Proper quality assurance requirements should be provided which will allow for collection of representative samples from representative sampling points. Quality assurance requirements outlined in the QAPP typically suggest the collection of a sufficient quantity of field duplicate, field blank, and other samples.

1.4 Health and Safety Considerations

Subsurface soil sampling may involve chemical hazards associated with the types of contaminants potentially encountered and will always involve potential physical hazards associated with use of drilling equipment. When sampling is performed in materials which may contain hazardous constituents, or when the quality assurance objectives of the project require the use of hazardous solvents, adequate Health and Safety measures must be taken to protect sampling personnel. These measures must be addressed in the project Health and Safety Plan (HASP). This plan must be approved by the project Health and Safety Officer before work commences, must be distributed to all personnel performing sampling, and must be adhered to as field activities are performed.

2.0 RESPONSIBILITIES

2.1 Drilling Subcontractor

It will be the responsibility of the drilling subcontractor to provide the necessary materials for obtaining subsurface soil samples. This generally includes one or more split-spoon samplers in good operating condition and sample containers used for stratigraphic characterization samples (sample containers for environmental samples should be provided by the designated analytical laboratory). It is the drilling subcontractor's responsibility to provide and maintain their own boring logs if desired. Equipment decontamination materials should also be supplied by the subcontractor and should meet project specifications.

2.2 Project Geologist/Sampling Engineer

It will be the responsibility of the project geologist/sampling engineer to conduct subsurface soil sampling in a manner which is consistent with this SOP. The project geologist/sampling engineer will observe all activities pertaining to subsurface soil sampling to ensure that the SOP is followed, and to record all pertinent data onto a boring log. It is also the project geologist/sampling engineer's responsibility to indicate the specific targeted sampling depth or sampling interval to the drilling subcontractor. The project geologist/sampling engineer is also responsible for the collection of representative environmental or stratigraphic characterization samples once the sampling device has been retrieved and opened. Additional sample collection responsibilities include labeling, handling, and storage of samples until further chain-of-custody procedures are implemented.

3.0 REQUIRED MATERIALS

In addition to those materials provided by the subcontractor, the project geologist/sampling engineer will require:

- Project Sampling Plan, QAPP, and HASP
- Boring logs
- Teaspoon or spatula (stainless steel is recommended)
- Sample kit (bottles, labels, custody records and tape, cooler)
- Sample collection pen
- Folding rule or tape measure
- Equipment decontamination materials
- Health and safety equipment (as required by HASP)
- Field project notebook/pen

4.0 METHOD

4.1 General Method Description

Split-spoon sampling devices are typically constructed of steel and are most commonly available in lengths of 18 and 24 inches and diameters of 1.5 to 3 inches. The split-spoon consists of a tubular body with two halves that split apart lengthwise, a drive head on the upper end with a ball-check valve for venting, and a hardened steel cutting shoe at the bottom. The soil sample enters the split-spoon through the cutting shoe as the device is driven into the ground. A replaceable plastic or metal basket is often inserted into the shoe to assist with retaining samples. Once the

sampler is retrieved, the drive head and cutting shoes are removed and the split-spoon halves are then separated, revealing the sample.

Sample depth intervals are usually defined on a project-specific basis with these requirements specified in the project sampling plan. Sampling intervals typically range from one (1) sample per five (5) feet of drilling to continuous sampling where the entire drilled interval is sampled.

Subsurface soil sampling is usually accomplished as part of a drilling program where a soil boring is advanced with drilling equipment to the designated depth prior to collection of a representative sample. The general procedures outlined briefly in the following section provide requirements for advancing drill casing/augers in preparation for sampling.

4.2 General Procedures - Borehole Preparation

4.2.1 Advancing Casing/Augers

Soil borings that are completed for soil sampling purposes are typically advanced using hollow-stem augers and sometimes drive-and-wash or other casing methods. The casing/augers must be of sufficient diameter to allow for soil sampling at a minimum. The casing/augers will be advanced according to project requirements to the required depth for sampling. If hollow-stem augers are used, a temporary plug shall be used in the lead auger to prevent the auger from becoming filled with drill cuttings while drilling is in progress.

4.2.2 Obstructions

For those borings which encounter obstructions, the casing/augers will be advanced past or through the obstruction if possible. Caution should be exercised when obstructions are encountered and an effort made to identify the obstruction before drilling is continued. If the obstruction is not easily drilled through or removed, the boring should be relocated to an adjacent location.

4.2.3 Use of Added Water

The use of added or recirculated water during drilling is permitted when necessary. Use of extraneous water should be minimized or avoided if possible as it may impact sample quality. Water usage should be documented in the field notebook. Sampling and analysis of added or

recirculated water may be required for quality assurance purposes (refer to QAPP). If a well is installed within the completed borehole, removal of the added water may be required.

4.3 Sampling Procedure

4.3.1 Equipment Decontamination

Each split-spoon must be decontaminated prior to its initial use and following collection of each soil sample. Site-specific requirements for equipment decontamination should be outlined within the Project Sampling Plan. Equipment decontamination procedures are also outlined within SOP 7600 - Decontamination of Equipment.

4.3.2 Standard Penetration Test

The drilling subcontractor will lower the split-spoon into the borehole. Samples are generally obtained using the Standard Penetration Test (SPT) in accordance with ASTM standards (ASTM D 1586-84). Following this method, the sampler will be driven using the 140-pound hammer with a vertical free drop of 30 inches using two turns of the rope on the cathead. The number of hammer blows required for every 6 inches of penetration will be recorded on the boring log. Blowcount information is used as an indicator of soil density for geotechnical as well as stratigraphic logging purposes. Once the split-spoon has been driven to its fullest extent, or to refusal, it will be removed from the borehole.

4.3.3 Sample Recovery

The split-spoon will be immediately opened upon removal from the casing/auger. The open sampler shall then be screened for volatile organics with a photoionization device (PID) if required by the Project Sampling Plan. If the Sampling Plan also requires individual soil sample headspace screening for volatile organic compounds, then a small portion of the split-spoon sample shall be removed and properly contained for that purpose.

Sample recovery will be determined by the project geologist/sampling engineer who will examine the soil core once the sampler is opened. The length of sample shall then be measured with a folding rule or tape measure. Any portion of the split-spoon contents which are not considered part of the true sample (i.e., heaved soils) will be discarded. If the sample recovery is considered inadequate for sample characterization or analytical testing

purposes, another sample should be collected from the next vertical interval if possible before drilling is reinitiated.

Adequate sample recovery for stratigraphic logging purposes and/or headspace organic vapor testing purposes should be approximately 6 inches. Adequate sample recovery for analytical testing purposes should be a minimum of 12 inches and is somewhat dependent on the type of analytical testing required. In some cases, continuous sampling over a short interval, and compositing of the sample, may be required to satisfy analytical testing requirements. Larger diameter samplers may be used if large volumes of soil are required for analytical testing.

4.3.4 Sample Containment - General

Once retrieved, the sample will be removed from the split-spoon with a teaspoon or spatula and placed into the appropriate sample container. The sample will be split if necessary to meet sampling program requirements. Sample splitting may be necessary to provide individual samples for headspace testing, visual characterization, physical testing, analytical testing, or simply for archiving purposes. In general, most sampling programs are structured around environmental characterization needs; therefore, sample portions required for analytical testing should be collected first. The Project Sampling Plan and QAPP provides specific sample container requirements for each type of sample and should be referred to for guidance.

Once filled, the sample containers should be properly capped, cleaned, and labeled, and chain-of-custody and sample preservation procedures initiated. Sampling equipment should then be properly decontaminated.

4.3.5 Sample Containment - Volatile Organic Analyses

Collection of subsurface soil samples for volatile organic analysis (VOA) is slightly more complex than collection of samples for other routine chemical or physical testing primarily because of the concern for the potential loss of volatiles during the sample collection procedure. To limit the potential for loss of volatiles, the soil sample needs to be obtained as quickly and as directly as possible from the split-spoon. This generally means that the VOA sample is to be collected and placed into the appropriate sample container first. The VOA sample should also be obtained from a discrete portion of the entire sample interval and not composited or homogenized. The remainder of the recovered sample can then be composited, homogenized or split to meet the other testing requirements. The boring log and/or sample logbook should be

filled out to indicate actual sample collection depths for both VOA samples and other portions of the sample which may have been composited over a larger vertical interval.

5.0 QUALITY CONTROL

Quality control requirements are dependent on project-specific sampling objectives. The QAPP will provide requirements for sample preservation and holding times, sample container types, sample packaging and shipment, as well as requirements for the collection of various quality assurance samples such as trip blanks, field blanks, equipment blanks, and field duplicate samples.

6.0 DOCUMENTATION

Various forms are required to ensure that adequate documentation is made of sample collection activities. These forms include:

- Boring logs
- Field log books
- Sample collection records
- Chain-of-custody records
- Shipping labels

Boring logs (Figure 1) will provide visual and descriptive information for each sample collected and are often the most critical form of documentation generated during a sampling program. The field log book is kept as a general log of activities. Chain-of-custody forms are transmitted with the samples to the laboratory for sample tracking purposes. Shipping labels are required if sample coolers are to be transported to the laboratory by a third party (courier service). Original copies of these records should be maintained in the appropriate project files.

7.0 REFERENCES

ASTM D 1586-84

Figure 1

Sheet 1 of __

BORING LOG

Project No. _____ Date – Start _____ Finish _____ Boring _____

Project Name _____ Drilling Co. _____

Location _____ Drilling Method _____

Total Depth _____ Inspector _____ Reviewer _____

Remarks _____

Depth Feet	Sample				Graphic Log	Lithologic Description	Equipment Installed
	Type & No.	Blows per 6 in.	Depth Range	Rec.			

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15636-38592

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ENSR International
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November 2, 2005

Ms. Abigail Flores
Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

Re: Former Hughes Family Market at 5305 Rivergrade Road, Irwindale, California (CUPA No. W819505)

Dear Ms. Flores

Enclosed, please find a copy of the proposed work plan for the subject site for your review and approval. This work plan has been developed in response to the LADPW letter dated June 10, 2004, and electronic correspondence dated June 13, 2005. We trust that the enclosed work plan is adequate and meets your requirements. If you have any questions or concerns, please feel free to contact me at (805) 388-3775.

Sincerely,

Robert Baca
Senior Project Manager

Enclosure: Site Assessment Workplan

A 373090

The Realty Associates Fund V, L.P.

Irwindale, California

Site Assessment Work Plan

Former Family Hughes Market
(CUPA No. W819505)
5305 Rivergrade Road,
Irwindale, California

ENSR International

November 2005

Project Number: 06489-085-002

SITE ASSESSMENT WORK PLAN
Former Family Hughes Market
5305 Rivergrade Road
CUPA No. W819505

Project Number 06489-085-002
November 2005

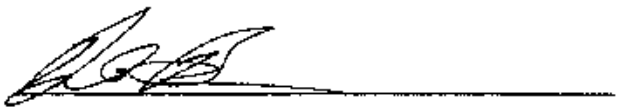
Prepared for

The Realty Associates Fund V, L.P.
Newport Beach, CA

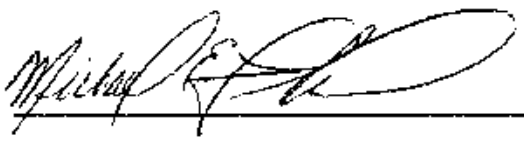
ENSR International
1220 Avenida Acaso
Camarillo, California

This report was prepared consistent with currently and generally accepted environmental consulting principles and practices. The material and data in this report were prepared under the supervision and direction of the undersigned.

ENSR



Robert Baca
Senior Project Manager



Michael Flack, P.G, C.E.G.
Senior Program Manager

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Appendix

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C Standard Operating Procedures

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Table 1 – Soil Sampling Plan

1.0 INTRODUCTION

This Site Assessment (SA) Workplan has been prepared for the former Family Hughes Market (Site) distribution center and warehouse, located at 5305 Rivergrade Road in Irwindale, California. The general location of the Site is shown on Figure 1 – Site Location Map. This SA Workplan is being submitted by ENSR on behalf of The Realty Associates Fund V, L.P. (T.A. Realty) in response to correspondence from the Los Angeles County Department of Public Works (LADPW) Environmental Programs Division dated June 13, 2005 requesting vertical and lateral delineation of hydrocarbon-impacted soil.

2.0 SITE BACKGROUND

2.1 Site Status/Site History

The Site operated a gas station on-site to serve the requirements of company vehicles. The USTs associated with the gas station were used from 1992 to 1997-1998. The San Gabriel River is located northwest of the Site, while Rivergrade Road, Arrow Highway, and Interstate 605 are located south, northeast, and west, respectively.

The Site was sold to the Ralph's Grocery chain and was later sold the T.A. Realty. Two 12,000-gallon diesel double-walled Plasteel USTs, one 12,000-gallon gasoline double-walled Plasteel UST, fuel dispensers, and associated piping were removed by TA Realty on July 23, 2003 (URS 2003). Observations made during the UST removal did not detect damage or leakage from the USTs. Soil surrounding the USTs did not exhibit discoloration or odor (URS 2003).

Six soil samples were collected beneath the former locations of the USTs at a depth of approximately 17 feet below ground surface (bgs) (Figure 2). Ten soil samples were collected beneath the former locations of the fuel dispensers at depths ranging from 3 to 4 feet bgs. Three soil sampling were collected beneath the former locations of the piping at depths of approximately 3 to 5.5 feet bgs.

Total petroleum hydrocarbons as gasoline (TPH-g) was detected in four soil samples collected beneath fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 at concentrations ranging from 1 to 305 mg/kg. Total petroleum hydrocarbons as diesel (TPH-d) was detected in seven soil samples collected beneath fuel dispensers 1, 2, and 5, satellite fuel dispensers 2 and 3, and UST T2 at concentrations ranging from 10 to 6,370 mg/kg. Toluene was detected in one soil sample collected beneath dispenser 5 (FD5-4) at a concentration of 0.003 milligrams per kilogram (mg/kg). Methyl tert-butyl ether (MTBE) was detected at concentration ranging from 0.014 to 0.071 mg/kg in soil samples collected beneath dispenser 5 (FD5-4) and the tank 1 excavation (T1A-17), respectively. Benzene, ethylbenzene, xylenes, and oxygenate compounds were not detected in soil samples collected during the excavation activities.

Additional soil was excavated following review of the laboratory results on August 27, 2003 (URS 2003). Soil was excavated in the vicinity of the former locations of dispensers 1 and 2 to depths of approximately 9.5 feet bgs, satellite dispenser 2 to a depth of approximately 9.5 feet bgs, satellite dispenser 3 to a depth of approximately 8 feet bgs, and UST T2 to a depth of approximately 21 feet bgs. Soil samples collected during this excavation event did not contain detectable concentrations of benzene, toluene, ethylbenzene, or xylenes (BTEX). MTBE was detected in one soil sample collected beneath T2A at a concentration of 0.021 mg/kg. Another analysis was run to confirm the presence of MTBE, however, and results indicated no detectable concentrations of MTBE. The previous results were therefore not considered valid (URS 2003). One soil sample (collected beneath fuel dispensers 1 and 2) contained TPH-g and TPH-d at concentrations of 2.3 and 481 mg/kg, respectively (URS 2003).

On September 28, 2003, a third excavation was performed in the vicinity of the former locations of dispensers 1 and 2 to a depth of approximately 11 feet bgs to remove residual impacts detected during the previous excavation. TPH-d concentrations did not exceed 15 mg/kg, and MTBE concentrations did not exceed 0.071 mg/kg. Residual hydrocarbon concentrations were below preliminary

remediation goals (PRGs) for industrial soil. Based on confirmation soil sampling following this final excavation event, URS (2003) recommended that additional excavation would undermine the concrete slab adjacent to the fieldwork, and that no further excavation be necessary. In all, 47 tons of soil was excavated and transported off-site for disposal. The excavations were backfilled with clean, imported fill and resurfaced with six inches of steel-reinforced concrete.

The LADPW responded to TA Realty in a letter dated June 10, 2004, that additional assessment was required to evaluate the presence of hydrocarbon-impacted soil (Appendix A). In March 2005, URS, on behalf of TA Realty, submitted a workplan to the LADPW proposing two soil borings in the vicinity of UST T1 and UST T2. In electronic correspondence dated June 13, 2005, the LADPW indicated that the subsurface assessment should include ten soil borings in the vicinity of UST T1, UST T2, and the fuel dispenser.

2.2 Site Geology and Hydrogeology

The Site is located in the northern half of the San Gabriel Valley and approximately 3.5 miles south of the San Gabriel Mountains. Soil beneath the Site consists primarily of alluvium deposits consisting of unconsolidated gravel and sand (URS 2003). Previous assessments show that sand and gravel extend to depths greater than 500 feet bgs The sand and gravel deposits are underlain by older alluvial deposits consisting of gravel, sand, silt, and clay to depths greater than 2,000 feet bgs. The middle and upper Miocene Puente and Topanga Formations underlie the alluvial deposits to an unknown depth.

The Site is located in the central area of the San Gabriel Valley groundwater basin. The basin is bounded to the north by the San Gabriel Mountains, to the south and west by the San Jose, Puente, Merced, and Repetto Hills, to the northwest by the Raymond fault, and to the east by uplifted bedrock. The principle water bearing units consist of unconsolidated and semi-consolidated alluvial sediments.

The nearest municipal well to the Site is Los Angeles County Well No. 4239H, located approximately 1,700 feet to the southeast (Figure 1). Depth to water measurements in 2003 indicate that groundwater beneath the Site is approximately 200 feet bgs. The gradient and flow direction of the shallow aquifer is not known, but the regional topography suggests that groundwater flows to the south-southwest.

3.0 FIELD SAMPLING PLAN

3.1 Underground Utility Clearance

The proposed boring locations will be marked in white spray paint, survey flags, or wooden stakes. ENSR will then contact Underground Service Alert (USA) to locate and mark the underground utilities serving the subject property. In addition, the proposed boring locations will be independently delineated to approximately 8 feet bgs for underground utilities through the use of an air knife rig.

3.2 Health and Safety Plan

A Health and Safety Plan (HASP) has been prepared for the on-site activities. The HASP provides an assessment of known hazards and evaluations of the risks associated with conducting the field work at the subject property. Available site information has been examined to select and implement appropriate warnings and safeguards for field personnel. A copy of the HASP is included in Appendix B.

3.3 Permits

Permits will not be required for the scope of work because the soil borings will not encounter water nor will the proposed boring locations encroach on public right of way.

3.4 Soil and Groundwater Sampling Rationale

On March 21, 2005, URS submitted a workplan on behalf of TA Realty to the LADPW proposing two confirmation soil borings in the vicinity of UST T1 and UST T2 in preparation for site closure. LADPW, in electronic correspondence dated June 13, 2005, stated that they required ten soil borings in the vicinity of the USTs and fuel dispensers to evaluate the vertical and lateral extent of hydrocarbon-impacted soil. In accordance with the LADPW requirements, the ten proposed soil boring locations will evaluate the presence and extent of residual petroleum hydrocarbons and oxygenates in the vicinity of the former locations of the USTs, fuel dispensers, and associated piping.

Soil borings SB-1 will be locate five feet north of USTs T1 and T2 and will evaluate the vertical extent of petroleum hydrocarbons. Soil borings SB-2 through SB-4 will evaluate the vertical extent of petroleum hydrocarbons beneath satellite dispenser 2, fuel dispensers 1 and 2, and satellite dispenser 3, respectively. Soil borings SB-5 through SB-7 will be located around the perimeter of the assessment area to evaluate the horizontal extent of petroleum hydrocarbons.

3.5 Soil Borings, Soil Sampling and Handling Procedures

ENSR will use a hydraulically operated truck-mounted hollow stem auger drill rig to advance and sample seven soil borings at the site (approximate locations on Figure 3). Soil samples will be collected at five foot intervals to the total depth of each boring. Soil sampling for boring SB-1 will begin at approximately 20 feet bgs because the tank excavations advanced to a depth of approximately 21 feet bgs and extend to a minimum depth of approximately 40 feet bgs to confirm vertical delineation of petroleum hydrocarbons. Soil sampling for SB-2 through SB-4 will begin at approximately 10 feet bgs

and extend to a minimum depth of approximately 30 feet bgs to confirm vertical delineation of petroleum hydrocarbons beneath the fuel dispensers. Soil sampling for SB-5 through SB-7 will begin at approximately 10 feet bgs and end at approximately 40 feet bgs to confirm horizontal delineation of petroleum hydrocarbons.

The soil samples will be selected in accordance with the sampling plan summarized in Table 1 (Standard Operating Procedures for soil sampling by split spoon are located in Appendix C). It should be noted, that based on field observations of obvious impacts, additional soil samples may be collected and analyzed to properly characterize the nature of observed impacts.

Soil and groundwater samples will be labeled sequentially, 1, 2, 3, etc... with the prefix "SB" to represent the soil boring location they are taken from. Each soil sample will also be labeled with the depth at which it was taken; for example, the soil sample collected at a depth of five feet bgs from boring SB-1 would be labeled as SB-1-5. If refusal is encountered in a boring and the boring is relocated to avoid the subsurface obstruction, the relocated boring will be identified with the original boring number using an upper case letter suffix (i.e. SB-1-5A). If refusal continues to be encountered in the soil borings, ENSR will use a sonic drill rig to advance the soil borings through large cobbles and boulders.

Soil samples will be collected using a stainless steel split spoon sampler fitted with three, six-inch long pre-cleaned brass or stainless steel sampling sleeves. The split spoon sampler will be driven into undisturbed soil ahead of the lead auger by a 140-pound down-hole hammer.

The samples will be field screened for the presence of VOCs using a field photoionization detector (PID) and observed for visual impacts and olfactory evidence of contamination. The soil samples collected from the borings will be collected in brass sample sleeves, the ends of which will be covered in Teflon® tape and capped with plastic end caps. The soil samples that will be analyzed for VOCs, TPH-g, and TPH-d will be extracted and preserved in accordance with EPA Method 5035. The sample containers will be sealed, labeled, recorded on a chain-of-custody (COC) form and placed in ice chests pending delivery to the analytical laboratory.

3.6 Quality Assurance/Quality Control

ENSR will collect duplicate or collocated replicate soil samples equal to ten percent of the total number of samples collected during the project. One trip blank per cooler will accompany the samples to the laboratory for quality control/quality assurance (QA/QC) purposes.

3.7 Laboratory Analysis

Soil and groundwater samples will be analyzed by a California-certified hazardous waste testing laboratory by EPA Method 8015 for TPH-g and TPH-d, and EPA Method 8260B for BTEX and oxygenates.

3.8 Investigation Derived Wastes

Soil cuttings generated from the drilling activities will be placed in Department of Transportation (DOT) approved 55-gallon drums or roll-off bins, labeled appropriately, and stored on-site pending the receipt of laboratory analytical results. Following receipt of the analytical results and confirmation that the soil

is not considered hazardous, the soil will transported to an appropriate disposal facility. If the soil is determined to be hazardous, it will be transported off-site for disposal at an appropriately permitted facility.

Decontamination (decon) water and purge water generated by sampling activities will also be stored on-site in DOT-approved 55-gallon drums. Following receipt of the analytical results and confirmation that the decon water is not hazardous, the water will be disposed of on-site. If the decon water is determined to be hazardous, the water will be transported offsite for disposal at an appropriately permitted facility.

4.0 REPORTING

Upon completion of the field activities and receipt of the final laboratory analytical results, a technical report summarizing the results of this project will be prepared for submittal to the LADPW. The report will be prepared under the supervision of and signed by a California Professional Geologist. The report will summarize field activities and observations. It will document any variances from this Work Plan that were required in the field. The report will also summarize the laboratory analytical results obtained and include copies of the certified laboratory analytical transcripts provided by the analytical laboratory. The report will summarize the results and QA/QC efforts and present ENSR's conclusions based on the available information. Finally, the report will present our recommendations regarding the need for additional assessment or for site closure, as applicable.

5.0 REFERENCES

URS. 2003. UST Removal, Former Hughes Family Market, 5305 Rivergrade Road, Irwindale, California. Final Draft Report. Prepared for The Realty Associated Fund V, L.P. URS, Santa Ana, California.

FIGURES

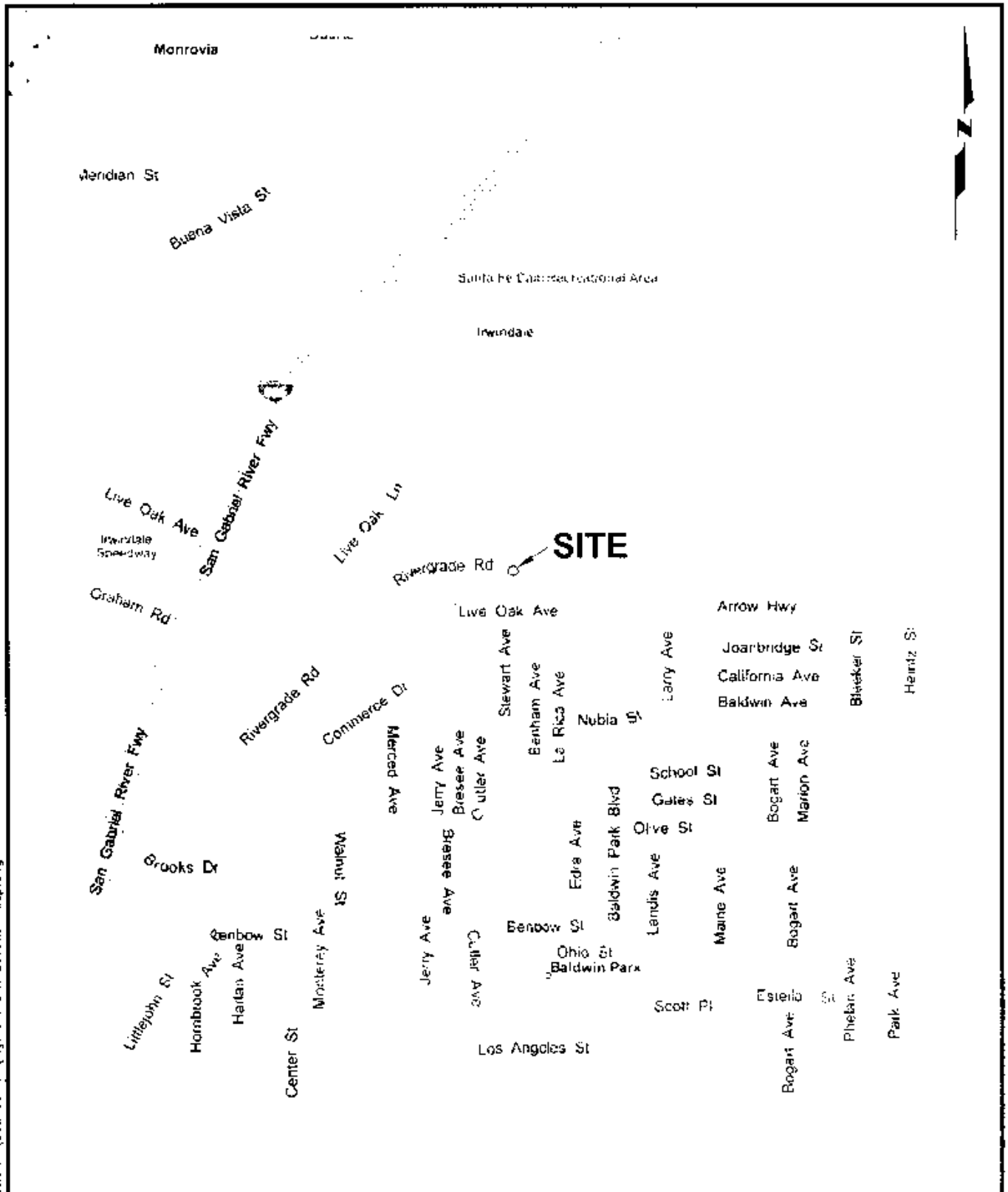


FIGURE 1

SITE LOCATION MAP

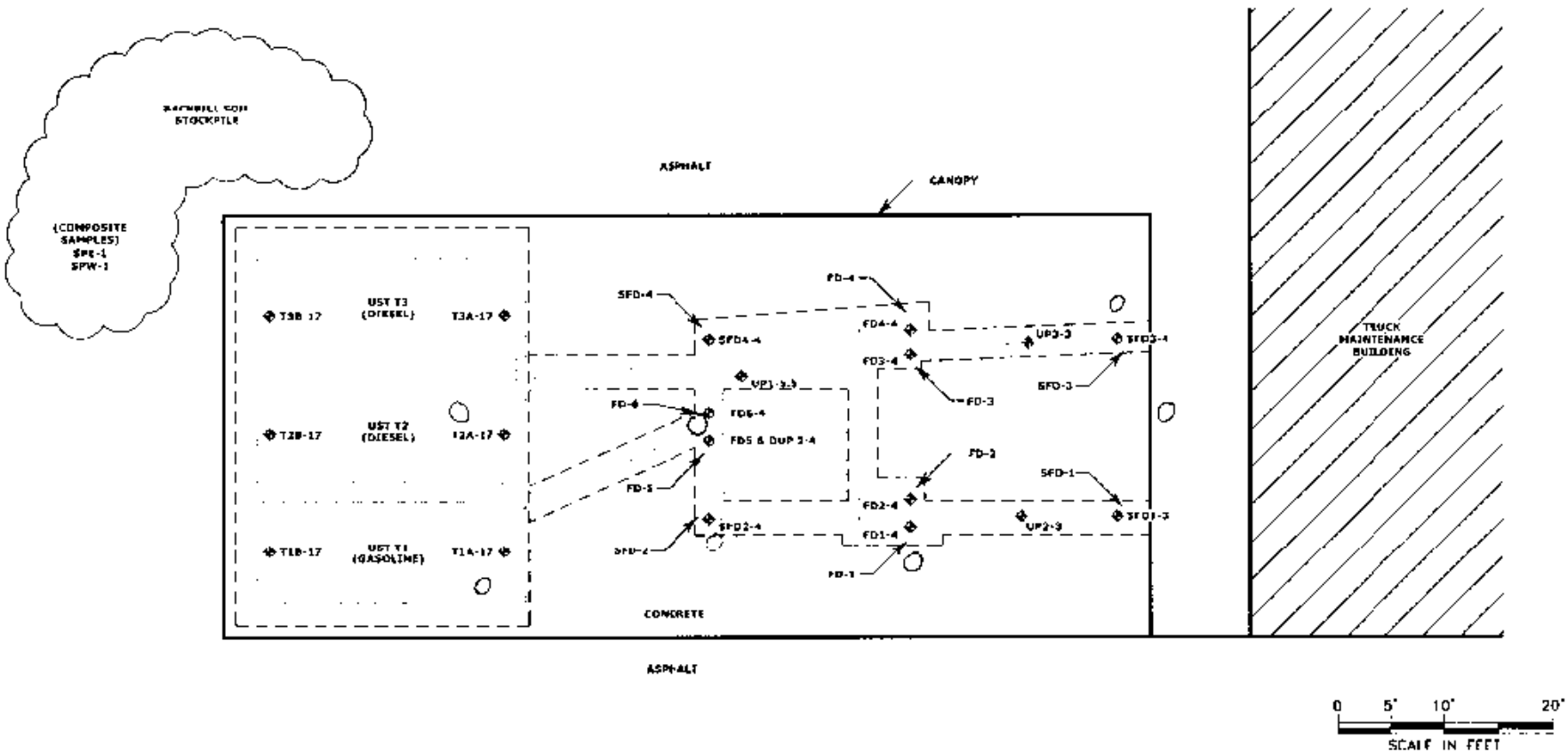
Former Used Hughes Family Market

5305 Rivergrade Road

Irwindale, California

DRAWN: T. Burke	DATE: 09/30/2005	PROJECT NO. 05489-085-002	REV.
FILE NO. Fig1SiteLoc	CHK BY: J. Perry		

J:\projects\05489 - TA Realty\Irwindale PII\Oct. 05 wP\Figure 1 Site Location Map.dwg



LEGEND

- FORMER UST LOCATION
- SFD1 FORMER SATELLITE FUEL DISPENSER
- FD1 FORMER FUEL DISPENSERS
- FD1-8 SOIL SAMPLE LOCATION AND DESIGNATION
- EXCAVATION LIMITS
- FORMER PRODUCT PIPING

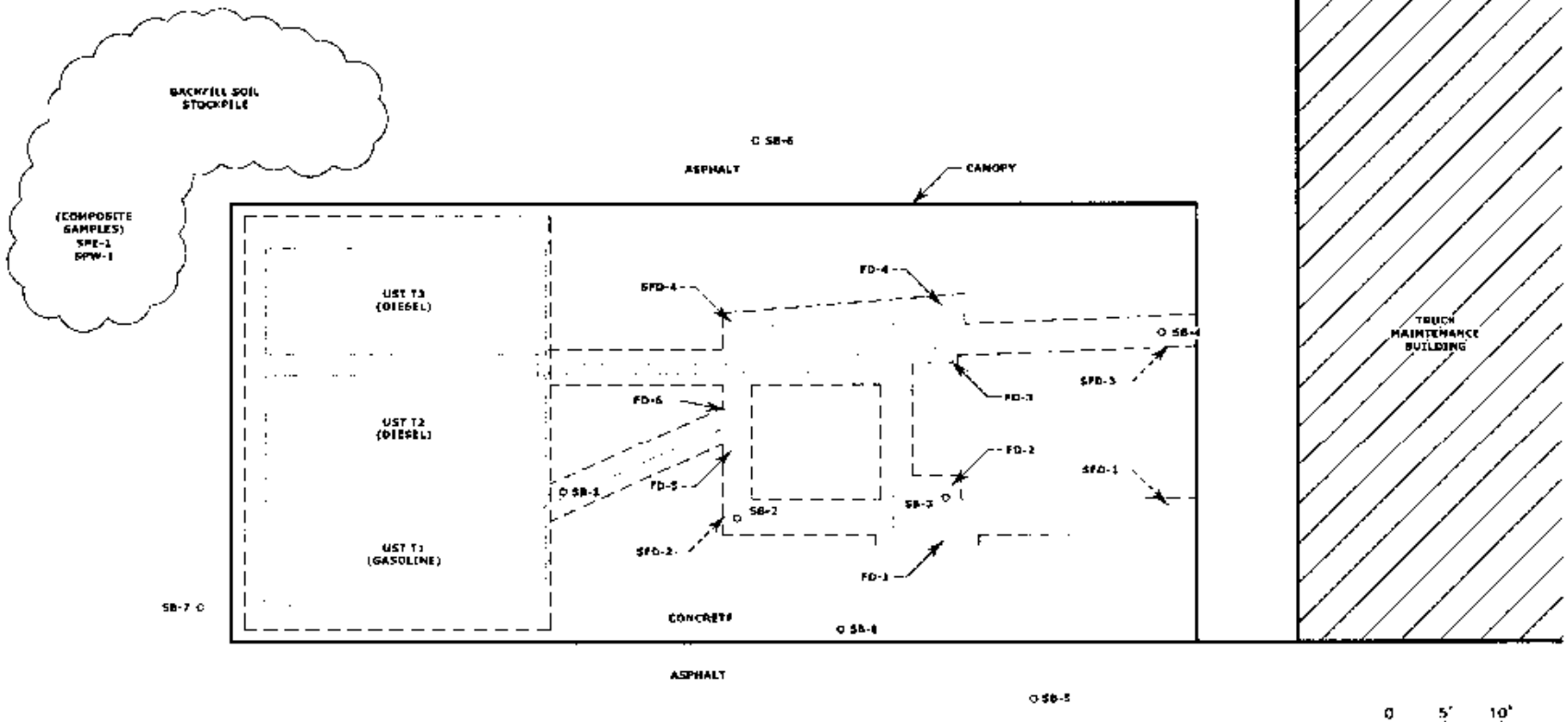
ENSR INTERNATIONAL

FIGURE 2

SITE PLAN

Former Used Family Hughes Market
5305 Rivergrade Road
Irwindale California

DRAWN: T. Dunne	DATE: 09/30/2005	PROJECT NO. 06489-005-002	REV
FILE NO. Fig 2SitePlan	CHK BY: J. Perry		



LEGEND

- FORMER UST LOCATION
- SFDL FORMER SATELLITE FUEL DISPENSER
- FDL FORMER FUEL DISPENSERS
- SB-1 O PROPOSED SOIL BORING
- EXCAVATION LIMITS
- FORMER PRODUCT PIPING

FIGURE 3

SITE PLAN WITH PROPOSED SOIL BORINGS

Former Used Family Hughes Market
5305 Riverglade Road
Irwindale, California

DRAWN: J. Hurles	DATE: 10/26/2005	PROJECT NO. 06489-065-007	REV.
FILE NO: Fig 3Sitemap	CHK BY: J. Perry		

TABLES

Table 1
Soil Sampling Plan
Former Hughes Family Market
5305 Rivergrade Road
Irwindale, California

Area of Investigation	Boring Number	Sample Number	Sampling Depth	Analytical Program
UST T1 and T2	SB-1	SB-1-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-1-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-1-30	30	TPH-g, TPH-d, BTEX, Oxygenates
		SB-1-35	35	TPH-g, TPH-d, BTEX, Oxygenates
		SB-1-40	40	TPH-g, TPH-d, BTEX, Oxygenates
SFD-2	SB-2	SB-2-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-2-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-2-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-2-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-2-30	30	TPH-g, TPH-d, BTEX, Oxygenates
FD-1 and FD-2	SB-3	SB-3-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-3-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-3-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-3-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-3-30	30	TPH-g, TPH-d, BTEX, Oxygenates
SFD-3	SB-4	SB-4-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-4-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-4-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-4-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-4-30	30	TPH-g, TPH-d, BTEX, Oxygenates
East of Site	SB-5	SB-5-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-25	25	TPH-g, TPH-d, BTEX, Oxygenates

Table 1
Soil Sampling Plan
Former Hughes Family Market
5305 Rivergrade Road
Irwindale, California

Area of Investigation	Boring Number	Sample Number	Sampling Depth	Analytical Program
		SB-5-30	30	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-35	35	TPH-g, TPH-d, BTEX, Oxygenates
		SB-5-40	40	TPH-g, TPH-d, BTEX, Oxygenates
West of Site	SB-6	SB-6-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-30	30	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-35	35	TPH-g, TPH-d, BTEX, Oxygenates
		SB-6-40	40	TPH-g, TPH-d, BTEX, Oxygenates
South of Site	SB-7	SB-7-10	10	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-15	15	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-20	20	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-25	25	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-30	30	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-35	35	TPH-g, TPH-d, BTEX, Oxygenates
		SB-7-40	40	TPH-g, TPH-d, BTEX, Oxygenates

Notes:

All depths are reported in feet below ground surface.

Sampling depth to be analyzed assumes that there are no significant PID readings (greater than 25 PPM) or visual or olfactory - evidence of contamination. Evidence of elevated PID readings would call for sampling at that depth.

TPH-g Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8015M.

TPH-d - Total petroleum hydrocarbons as diesel analyzed by EPA Method 8015M.

BTEX - Benzene, toluene, ethylbenzene, xylenes analyzed by EPA Method 8260B.

APPENDIX A
LADPW CORRESPONDENCE DATED JUNE 10, 2004

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 10, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano, CA 92675

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE REPORT
CLOSURE PERMIT NUMBER 373090
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This office has reviewed the closure report dated November 3, 2003, for the subject facility.

In order to better evaluate the report, the information indicated on the enclosed Additional Closure Requirements sheet must be submitted to this office by August 18, 2004.

If you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

JUN 24 2004

AN:cn
C:\MyFiles\ADI\S04\04Ltrs\W\WohlC415689

Enc.

cc: URS (J. S. Rowlands)

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete evaluation of Closure Permit No. 373090.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

[ ] Insufficient number of samples was obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[X] Submit logs certified by a CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at Department of Health Services certified laboratory.

[ ] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil/tank rinsate with the signature of the disposal facility owner/operator.

[ ] Evidence of legal disposal of soils designated as non-hazardous.

[X] Signature on the report is required of CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils. <u>The report must clearly indicate that all soil sampling was done under the supervision of the registered professional.</u>

[X] Submit a work plan to define the lateral and vertical extent of contamination.

[X] Complete borings to groundwater or complete borings which penetrate to a minimum depth of 25 feet below the deepest detectable contamination. Borings shall be sampled and analyzed at five-foot intervals. EPA 5035 soil sampling guidelines must be utilized. All samples shall be analyzed for BTEX, MTBE, and oxygenate compounds using EPA 8260B, and for gasoline and diesel using EPA 8015(M). A voluntary cleanup oversight fee of $443 must be submitted for the review of future submittals regarding this site.

COUNTY OF LOS ANGELES

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Telephone: (626) 458-5100
www.ladpw.org

ALES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 10, 2004

IN REPLY PLEASE
REFER TO FILE EP-1
015636-038592

Wohl Property Group
30200 Rancho Viejo Road, #C
San Juan Capistrano, CA 92675

HAZARDOUS MATERIALS UNDERGROUND STORAGE TANKS
LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This letter is to inform you of legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within 20 calendar days of receipt of this notice, the assessor parcel number(s) for the site and a complete mailing list of all current record owners of fee title to the site. You may use the enclosed list of landowners form (sample letter 2) to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

In accordance with Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

1) Consider a cleanup proposal (corrective action plan)
2) Consider a site closure proposal
3) Make a determination that no further action is required
4) Issue a closure letter

You may use the enclosed notice of proposed action form (sample letter 3) to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please submit the certification within 20 days from the date of this letter. June 30 Th

Initial voluntary cleanup oversight fee of $443 must be paid prior to any report review. An additional fee of $147 per hour will be charged for each hour of assessment review which exceeds the initial three-hour review estimation.

Should you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

AN:cn
C:\MyFiles\AD150404Ltrs\WWohl1v4158d0

Enc.

cc: California Regional Water Quality Control Board (Yue Rong)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

DONALD L. WOLFE, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 12, 2007

IN REPLY PLEASE
REFER TO FILE EP-1
015636-038592

Wohl Property Group
UST
30200 Rancho Viejo Road, No. C
San Juan Capistrano, CA 92675-1560

Dear Wohl Property Group:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT
CLOSURE CERTIFICATION NOTICE
CLOSURE APPLICATION NO. A373090
FACILITY LOCATED AT 5305 NORTH RIVERGRADE ROAD, IRWINDALE, (3S)

This letter confirms the completion of a site investigation and corrective action for the underground storage tank (UST) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former UST are greatly appreciated.

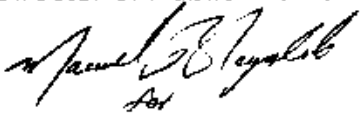
Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your UST site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the California Health and Safety Code (CH&SC) and with corrective action regulations adopted pursuant to Section 25299.3 of the CH&SC and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the California Health and Safety Code.

If you have any questions, please contact Ms. Abigail Flores of this office at (626) 458-3561, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

DONALD L. WOLFE
Director of Public Works



TIM SMITH
Senior Civil Engineer
Environmental Programs Division

AF:my
P:\sec\Wohl C510443

cc: California Regional Water Quality Control Board, Los Angeles Region (Yue Rong)
Ensr/Aecom (Bob Baca)

COUNTY OF LOS ANGELES

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February 12, 2007

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

Wohl Property Group
UST
30200 Rancho Viejo Road, No. C
San Juan Capistrano, CA 92675-1560

Dear Wohl Property Group:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT
CLOSURE CERTIFICATION NOTICE
CLOSURE APPLICATION NO. A373090
FACILITY LOCATED AT 5305 NORTH RIVERGRADE ROAD, IRWINDALE, (3S)

This letter confirms the completion of a site investigation and corrective action for the underground storage tank (UST) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former UST are greatly appreciated.

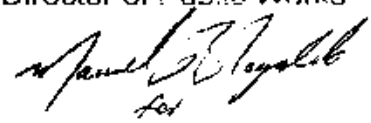
Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your UST site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the California Health and Safety Code (CH&SC) and with corrective action regulations adopted pursuant to Section 25299.3 of the CH&SC and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the California Health and Safety Code.

If you have any questions, please contact Ms. Abigail Flores of this office at (626) 458-3561, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

DONALD L. WOLFE
Director of Public Works



TIM SMITH
Senior Civil Engineer
Environmental Programs Division

AF:my
P:\sec\Wohl C510443

cc: California Regional Water Quality Control Board, Los Angeles Region (Yue Rong)
Ensr/Aecom (Bob Baca)

County of Los Angeles
Department of Public Works
Environmental Programs Division
Underground Storage Tank Program

Previous Site-File Number(s) (if any): 15636-38592

Underground Storage Tank
Case Review Form

Case Reviewer: AF	Unit Head: MR
Date: 11/9/05	Date:

TANK Closure? ☒	Non TANK Closure? ☐		No. of USTs: 3
Site Address: 5305 Rivergrade Rd Irwindale, 91706	Responsible Party: wohl Property group	Is Closure Required? Yes/No/NA	NFA Issued? Yes/No/NA

Closure Report? C 397904 ☐ ☐		Remedial Action Workplan? ☐	
Site Assessment Workplan? ☐		Remedial Action Report? ☐	
Site Assessment Report? ☐		Quarterly Monitoring Report? ☐	

Unauthorized Release Been Filed w/RWQCB? Yes/No/NA	Los Angeles / Lahontan RWQCB?	DPW CLUP #:

I. CASE INFORMATION (N/A = Not Applicable)

UST No.	Size in Gal.	Contents	Closed in-place/removed/active?	Date	App/Perm #	Status
1	12k	reg unl		7/23/03	373090	rem
2	12k	diesel		7/23/03	"	rem
3	12k	diesel		7/23/03	"	rem
4						
5						
6	7/31/03	client "chases" contam under tank/dis to 40'/20' resp'ly				
7	11/3/03	CISR report 7 contam found, define xtent				6 tank samples, 8 disp samples, 3 piping samples
8	5/13/04	ULKF				
9	4/5/05?	SIPR (plan)				17
10[1]	5/11/05	SIPR (addendum)				

[1] If more USTs have been permitted, list separately.

II. SITE CHARACTERIZATION INFORMATION (GW=groundwater, -- =Not Reported)

Depth to groundwater: 200'	GW highest depth: SW GW flow	Is groundwater impacted? Yes/No/Unknown	Has the site been or is it now a RWQCB Case? (Yes/No/History)
Well location/number: 4239H @ 1700' SE	GW lowest depth:	Soil Types: sand w/ gravel	Max soil depth sampled: 17'

III. SOIL/WATER SAMPLING

Samples collected per closure permit/workplan?	Samples collected, preserved, analyzed using EPA Method 5035 Guidelines?
Chain of Custody Correct?	Approved Laboratory Methods Used and on ELAP Laboratory Letterhead?
Lab[illegible] Minimum Detection Limits meet RWQCB Guidelines?	QA/QC in order?

Staff Initial/Date:	Name/Address:	Site-File Number :

IV. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS–Initial and Latest (ND=non-detect, NRQ=Not required) PPM

Contaminant	Soil		PRGs[2]		Soil Screening Levels (mg/kg)	Water		MCLs (mg/L)[3]
	Initial (date)	Latest (date)	Residential (mg/kg)	Industrial (mg/kg)	Depth (ft) = Type of soil =	Initial (date)	Latest (date)	MCLs as of 09/12/03
TPH (gas)	305		NA	NA	500 1,000			NA
TPH (diesel)	6340		NA	NA	1,000 10,000			NA
TRPH (w/o)	N/A		NA	NA	1,000 —			NA
Benzene	ND		0.600	1.3	0.002 .044			0.001
Toluene	.106		520	520	0.600 2			0.150
Ethylbenzene	.110		8.9	8.9	0.700 8			0.300
Xylenes	.68		270	420	10.000 23			1.750
MTBE	.083		62	160	0.005 .037			0.013
DIPE	ND		NA	NA	NA			NA
ETBE	ND		NA	NA	NA			NA
TAME	ND		NA	NA	NA			NA
TBA	ND		NA	NA	NA			NA
Ethanol			NA	NA	NA			NA
OTHER*								

[2] PRGs = USEPA Region 9 Preliminary Remedial Goals [3] California Department of Health Services Maximum Contaminant Levels in groundwater - 09/

V. FREE PRODUCT

Was free product encountered:	Duration of remediation:
Waste manifest document:	Soil disposal volume:

VI. SOIL REMEDIATION

Method:	Duration of remediation:
Waste manifest document:	Soil disposal volume:

VII. RECOMMENDED ACTION

Soil Closure only:	Case Closure:	Solvent Case:
Additional action required (i.e.: additional site assessment, remediation, monitoring):		Referral to RWQCB?

VIII. COMMENTS AND JUSTIFICATION FOR RECOMMENDED ACTION 7/23 8/27

- land owner cert
- geotracker upload
- Fees?
- ethanol?

SB1

6 tank @ 17', 10 disp @ 24', 3 piping @ 3-5'; 21 confirmation sampling after excav'n

TpHg. Tanks, pipe, disp BTEX T, D, P

TpNd: T, P, D

IX. ELECTRONIC DELIVERABLE FORMAT (EDF) SUBMISSION TO GEOTRACKER:

Has electronic data reporting requirement been met?

X. AB 681 REQUIREMENT (Land Owner Notification)

Have landowner or impacted site notification requirements been met?
Owner :
Pre-Closure letter sent date:
Responsible Party:

XI. ALL PERMIT FEES PAID? YES ☐ NO ☐

XII. CLOSURE CERTIFICATION – NO FURTHER ACTION ISSUED: _____

County of Los Angeles
Department of Public Works
Environmental Programs Division
Underground Storage Tank Program

Site-File Number: 15636-38592
Previous Site-File Number(s) (if any):

Underground Storage Tank
Site Assessment Case Review Form

Case Reviewer: EFR	Unit Head:
Date: 4/6/2005	Date:

TANK Closure? ☒	Non TANK Closure? ☐		No. of USTs:
Site Address: 5305 Rivergrade Rd. Irwindale	Responsible Party: Realty Assoc. Fund	Is Closure Required? Yes/No/NA	NFA Issued? Yes/No/NA

Site Assessment Workplan?	☒ Yes	☐ No	Remedial Action Workplan?	☐ Yes	☐ No
Closure Report?	☐ Yes	☐ No	Piping/Dispenser Upgrade?	☐ Yes	☐ No
Site Assessment Report?	☐ Yes	☐ No	Quarterly Monitoring Report?	☐ Yes	☐ No

Unauthorized Release Been Filed w/RWQCB? Yes / No/ NA	Los Angeles / Lahontan RWQCB?	DPW CLUP #:

I. CASE INFORMATION (N/A = Not Applicable)

UST No.	Size in Gal.	Contents	Closed in-place/removed/active?	Date	App/Perm #	Status
1	12K	DSL	Rem	7/23/03	A373090	rem
2	"	DSL	"	"		
3	"	Gas	"	"		
4						
5						
6	11/3/03	CLSR	C397904	in geotrkkr ✓		
7	5/13/04	ULKF	C413067			
8	3/21/05	SIPR	C446340		L413068	
9	5/11/05	SIPR	C450601			
10[1]	11/2/05	SIPR	C467470			

[1] If more USTs have been permitted, list separately.

3/31/06 SIIR C480641 in geotrckr ✓

II. SITE CHARACTERIZATION INFORMATION (GW=groundwater, -- =Not Reported)

Depth to groundwater:	GW highest depth:	Is groundwater impacted? Yes/No/Unknown	Has the site been or is it now a RWQCB Case? (Yes/No/History)
Well location/number:	GW lowest depth:	Soil Types:	Max soil depth sampled:

III. SOIL/WATER SAMPLING

Samples collected per closure permit/assessment workplan? Must add ~~to~~ 7 borings to site	Samples collected, preserved, analyzed using EPA Method 5035 Guidelines? Yes
Chain of Custody Correct? N/A	Approved Laboratory Methods Used and on ELAP Laboratory Letterhead? Must sample for ~~all~~ oxygenates & Ethanol
Laboratory Minimum Detection Limits meet RWQCB Guidelines? N/A	QA/QC in order? N/A

Staff Initial/Date:	Name/Address:	Site-File Number :

IV. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS–Initial and Latest (ND=non-detect, NRQ=Not required)

Contaminant	Soil		PRGs[2]		Soil Screening Levels (mg/kg)	Water		MCLs (mg/L)[3]
	Initial (*date*)	Latest (*date*)	Residential (mg/kg)	Industrial (mg/kg)	Depth (ft) = Type of soil =	Initial (*date*)	Latest (*date*)	MCLs as of 09/12/03
TPH (gas)			NA	NA	500			NA
TPH (diesel)			NA	NA	1,000			NA
TRPH (w/o)			NA	NA	1,000			NA
Benzene			0.600	1.3	0.002			0.001
Toluene			520	520	0.600			0.150
Ethylbenzene			8.9	8.9	0.700			0.300
Xylenes			270	420	10.000			1.750
MTBE			62	160	0.005			0.013
DIPE			NA	NA	NA			NA
ETBE			NA	NA	NA			NA
TAME			NA	NA	NA			NA
TBA			NA	NA	NA			NA
Ethanol			NA	NA	NA			NA
OTHER*								

[2] PRGs = USEPA Region 9 Preliminary Remedial Goals [3] California Department of Health Services Maximum Contaminant Levels in groundwater - 09/12/03

V. FREE PRODUCT

Was free product encountered: N/A	Duration of remediation:
Waste manifest document:	Soil disposal volume:

VI. SOIL REMEDIATION

Method: N/A	Duration of remediation:
Waste manifest document:	Soil disposal volume:

VII. RECOMMENDED ACTION

Soil Closure only:	Case Closure:	Solvent Case:
Additional action required (i.e.: additional site assessment, remediation, monitoring):		Referral to RWQCB?

VIII. COMMENTS AND JUSTIFICATION FOR RECOMMENDED ACTION

+ why are samples being taken from 5' bgs at the ~~same~~ boring adj. to the canopy?
+ Add 7 borings to site plan. Specify depths for analysis
+ Must analyze for fuel oxygenates & ethanol
+ State that soil borings & sample collection to be done under sup. of registered engineer/geo.
+ Need H&S Plan - Include in approval letter disclaimer for horiz extent definition.

IX. ELECTRONIC DELIVERABLE FORMAT (EDF) SUBMISSION TO GEOTRACKER:

Has electronic data reporting requirement been met?

X. AB 681 REQUIREMENT (Land Owner Notification)

Have landowner or impacted site notification requirements been met?
Owner :
Pre-Closure letter sent date:
Responsible Party:

XI. ALL PERMIT FEES PAID? YES ☒ **NO** ☐

scott_rowlands@urscorp.com

XII. CLOSURE CERTIFICATION – NO FURTHER ACTION ISSUED: _____

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

DONALD L. WOLFE, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 12, 2007

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

Wohl Property Group
UST
30200 Rancho Viejo Road, No. C
San Juan Capistrano, CA 92675-1560

Dear Wohl Property Group:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT
CLOSURE CERTIFICATION NOTICE
CLOSURE APPLICATION NO. A373090
FACILITY LOCATED AT 5305 NORTH RIVERGRADE ROAD, IRWINDALE, (3S)

This letter confirms the completion of a site investigation and corrective action for the underground storage tank (UST) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former UST are greatly appreciated.

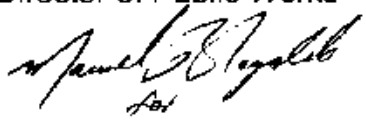
Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your UST site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the California Health and Safety Code (CH&SC) and with corrective action regulations adopted pursuant to Section 25299.3 of the CH&SC and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the California Health and Safety Code.

If you have any questions, please contact Ms. Abigail Flores of this office at (626) 458-3561, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

DONALD L. WOLFE
Director of Public Works



for

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

AF:my
P:\sec\Wohl C510443

cc: California Regional Water Quality Control Board, Los Angeles Region (Yue Rong)
Ensr/Aecom (Bob Baca)

COUNTY OF LOS ANGELES

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CLOSURE CERTIFICATION NOTICE
CLOSURE APPLICATION NO. A373090
FACILITY LOCATED AT 5305 NORTH RIVERGRADE ROAD, IRWINDALE, (3S)

This letter confirms the completion of a site investigation and corrective action for the underground storage tank (UST) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former UST are 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, this agency finds that the site investigation and corrective action carried out at your UST site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the California Health and Safety Code (CH&SC) and with corrective action regulations adopted pursuant to Section 25299.3 of the CH&SC and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the California Health and Safety Code.

If you have any questions, please contact Ms. Abigail Flores of this office at (626) 458-3561, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

DONALD L. WOLFE
Director of Public Works

for

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

AF:my
P:\sec\Wohl C510443

cc: California Regional Water Quality Control Board, Los Angeles Region (Yue Rong)
Ensr/Aecom (Bob Baca)

TO: DRAINAGE GRADI
FROM: PROCESSING CE
GPC NO. 1391
TR/PM
DIST. OFF. 5.0.6
ENTRY DATE 8-23-

—x—x— CHAIN LINK FENCE

—⊠—⊠— DECORATIVE FENCE

——— PROPERTY LINE

CONCRETE

DIRECTION OF TRAFFIC FLOW.

25878
13 pages

RECEIVED
NOV 8 1991

MASTER SITE PLAN

INDEX

MASTER SITE PLAN — MP1
OFFICE SITE PLAN — C01
DISTRIBUTION CENTER SITE PLAN — C02
OFFICE GRADING PLAN — C03
DISTRIBUTION CENTER GRADING PLAN — C04
OFFICE UTILITY PLAN — C05
DISTRIBUTION CENTER UTILITY PLAN — C06
SITE DETAILS — C07
GRADING/DRAINAGE DETAILS — C08
UTILITY DETAILS — C09
STORM/SANITARY SEWER PROFILES — C10
EROSION CONTROL PLAN — C11
EROSION CONTROL PLAN — C12

APPLICANT'S COPY

RELEASED FOR PERMIT
DATE: 10-2-91 SIG: [signature]

REGISTERED PROFESSIONAL ENGINEER
RUSSELL D. CUDMORE
No. C-31051
Exp. 3-31-92
CIVIL ENGINEER
STATE OF CALIFORNIA
10/2/91

DATE:

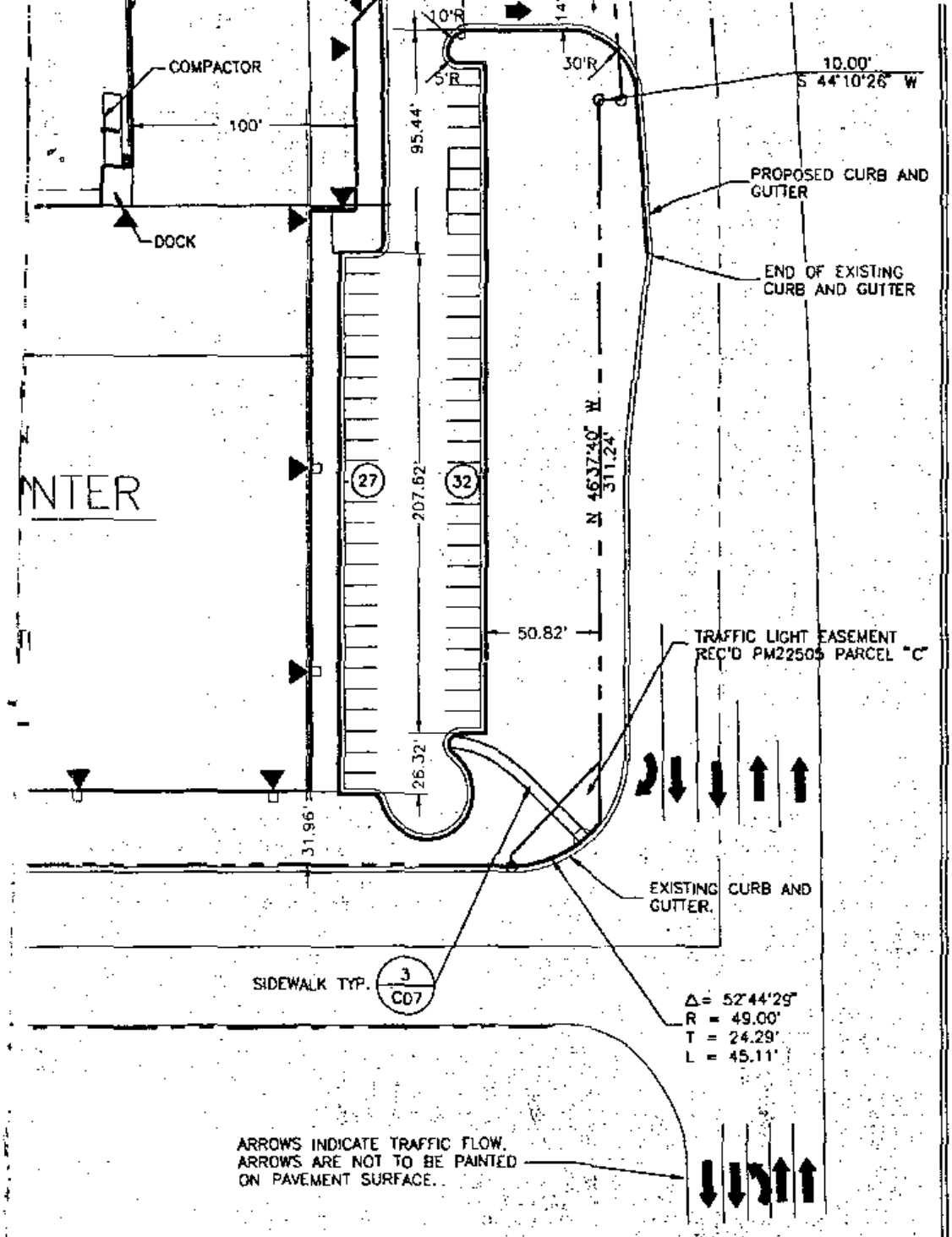
ACTION	DATE	INITIAL	Q.A.	REMARKS
B	10/1/91	RB		RELEASED FOR PERMIT
A	8/23/91	RB		RELEASED FOR BID/PERMIT

10-2-91
DATE

MP1

HM-9114

CENERAL GRADING NOTES



DISTRIBUTION CENTER
SITE PLAN

REGISTERED PROFESSIONAL ENGINEER
RUSSELL D. CUDMORE
No. C-31051
Exp 3-31-92
CIVIL
STATE OF CALIFORNIA

RELEASED FOR PERMIT
DATE: 10-2-91 SIG:

DATE:

10-2-91

ACTION	DATE	INITIAL	C.A.	REMARKS
B	10/1/91	RB		RELEASED FOR PERMIT
A	8/23/91	RB		RELEASED FOR BID/PERMIT

C02

HM-9114

L.A. COUNTY DPW | HAZARDOUS MATERIALS SYSTEM | REPORT: PWR050.002

DATE COMPILED: 06/25/99 | TANKS INSPECTION JOB ORDER | INSP#: I000386389

RUN DATE: 07/21/03 14:02:56 | CLOSURE BY REMOVAL | ASSC#: A000373090

FILE #: 015636-038592 NAME: THE REALTY ASSOCIATES FUND VLP
ADD: 5305 RIVERGRADE RD
IRWINDALE, CA 91706 AREA: 3S SMD: 15
XSTREET: LIVE OAK AVE THOMAS GUIDE: 0598-A2
CONTACT: TARIQ HUSSAIN TEL: 714 433 7622

PROC: CLOSURE SAMPLE REQUIRED? N SAMPLE #: _____

INSP INFO: 7/23/03 @ 1:00 PM., (3) 12K, 1-GAS 2- DIESEL, 3X RINSE, DEST = ECOLOGY AUTO WRECKING, INOVATED CONST. JOHN WHITE (714) 893-6366

PERM TYPE: T 1 TANK INTERIM PERMIT # OF TANKS: 3 STATUS: PERMITTED

	FREQUENCY	LAST PERFORMED	NEXT DUE
INSPECTION	36		03/20/06
SAMPLE			
SELF-MONITOR			

ASSGN TO: SAN GABRIEL VLY FIELD OFFICE SECT: FIELD INSPECTION UNIT

TANK #	OWNER TANK ID #	CAPACITY (GAL)	CONTENTS
001	1	12,000	REGULAR UNLEADED GASOLINE
CON:	DOUBLE WALL		LDS: CONTINUOUS INTERSTITAL MONITOR
002	1	12,000	DIESEL
CON:	DOUBLE WALL		LDS: CONTINUOUS INTERSTITAL MONITOR
003	1	12,000	DIESEL
CON:	DOUBLE WALL		LDS: CONTINUOUS INTERSTITAL MONITOR

==========

RESULTS: WITNESSED REMOVAL OF 3-12K TANKS & ASSOCIATED PIPING. TANKS / PIPING STRUCTURALLY SOUND. NO VISUAL CONTAMINATION IN EXCAVATIONS. PROPER SAMPLING CONDUCTED AT TANKS, DISPENSERS.

REMARKS: PIPING RUNS LESS THAN 20', URS GEOLOGISTS TOOK 2 SAMPLES BETWEEN TANKS & PIPING.

INSPECTOR: Nora Kozul INSPECTION DATE: 07/23/03

DISP: Comp / NMK

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

INDUSTRIAL WASTE/HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE INSPECTION REPORT

Date 07/23/03

Facility Name REALTY ASSOCIATES FUND File No. I- 15636-38592

Site Address 5305 RIVERGRADE, IRWINDALE Permit No. 373090

Contact Person TARIQ HUSSAIN, URS Phone (714) 435-7618

Type Inspection: [X] Tank(s) & Piping [ ] Sump(s)
[ ] Tank(s) only [ ] Closure in place
[ ] Piping only [ ] Other

Contractor INNOVATIVE CONSTRUCTION SOLUTIONS Phone (714) 843-6366

Samples by URS CORPORATION Phone (714) 697-6996

Geologist JOE LILES, STEVE TURNER (URS) Phone (714) 697-6996

Industrial Hygienist THOMAS BECK Phone (562) 492-9696

Items closed:

Type (tank/sump)	Contents	Capacity	Proper Sampling [yes]	Proper Sampling [no]	Perm Removal	Perm In-place
1. DW TANK	UNL	12K	[X]	[ ]	[X]	[ ]
2. DW TANK	DSL	12K	[X]	[ ]	[X]	[ ]
3. DW TANK	DSL	12K	[X]	[ ]	[X]	[ ]
4.			[ ]	[ ]	[ ]	[ ]

Observations:

	[yes]	[no]	
Visual contamination observed	[ ]	[X]	
Sampling of excavated soil required	[ ]	[X]	
Tanks structurally sound	[X]	[ ]	
Tanks remaining on site	[ ]	[X]	How many -0- Monitor sys. ____
Sampling conducted by DPW	[ ]	[X]	Attach Chain-of-Custody
Notice issued	[ ]	[X]	Attach copy of Notice

Comments: WITNESSED REMOVAL OF 3-12K DW F TANKS - 1-UNL, 2-DSL. TANKS STEAM CLEANED SOUND. NO VISUAL CONTAMINATION AT TANK OR PIPING EXCAVATIONS. SAMPLES TAKEN AS LISTED IN PERMIT - AT TANKS, EACH DISPENSER. 2 PIPING SAMPLES WERE TAKEN ALTHOUGH PIPING <20'.

Include a detailed site survey on the reverse of this form.

Inspector [signature] Date 07/23/03

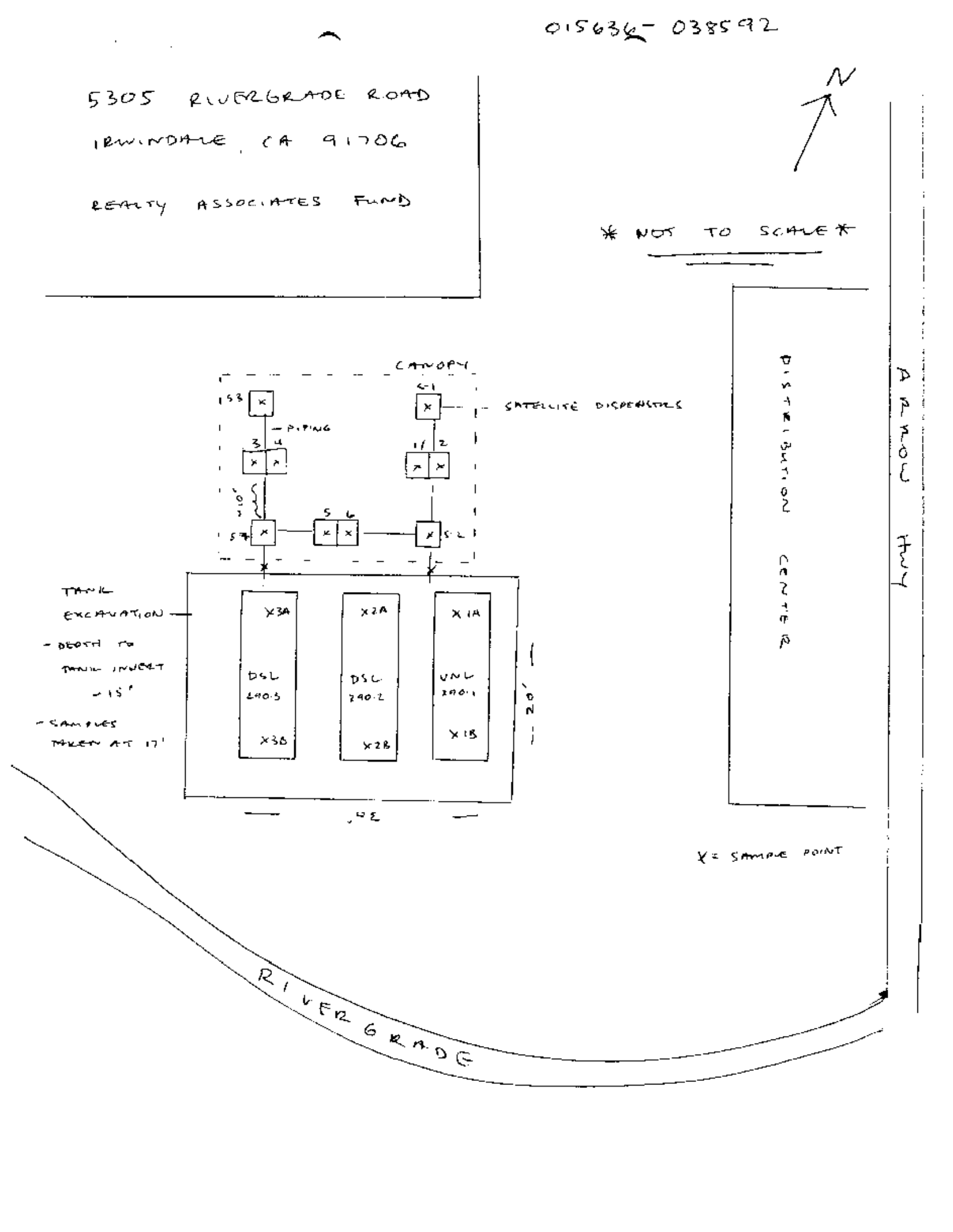
38-0027 DPW 4/91

015636- 038592

5305 RIVERGRADE ROAD

IRWINDALE, CA 91706

REALTY ASSOCIATES FUND



UST/INTERCEPTOR CLOSURE APPOINTMENT

Inspector NORA

Date 7/23 (WED.) Sampling time 1:00 p.m.

I # 15636-38592 Permit # 373090

Site name REALTY ASSOCIATES FUND

Location 5305 RIVERGRADE RD., IRWINDALE

Tank/Interceptor description:

3 - 12K TANKS & PIPING

15636-38592

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE: 05/03/04 (M M D D Y Y) | CASE #:

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM
SIGNED: [signature] DATE: 5/18/04

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT	PHONE	SIGNATURE
Andrew Ngumba	626-458-3513	

REPRESENTING: ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER

COMPANY OR AGENCY NAME: LA County DPW

ADDRESS: 900 S Freemont Ave. (STREET) | Alhambra (CITY) | CA (STATE) | 91803 (ZIP)

RESPONSIBLE PARTY

NAME	CONTACT PERSON	PHONE
The realty Associates Fund VLP ☐ UNKNOWN	Tariq Hussein	714-433-7622

ADDRESS: 5305 Rivergrade Road (STREET) | Irwindale (CITY) | CA (STATE) | 91706 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE)	OPERATOR	PHONE
Hughes Family Market	The Realty Associates Fund VLP	949-852-2030

ADDRESS: 5305 Rivergrade Road (STREET) | Irwindale (CITY) | CA (COUNTY) | 91706 (ZIP)

CROSS STREET: Live Oak Ave

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME	CONTACT PERSON	PHONE
LA County DPW	Tim Smith	626-458-3510
REGIONAL BOARD: Los Angeles	Yue Rong	213-576-6710

SUBSTANCES INVOLVED

(1) NAME	QUANTITY LOST (GALLONS)
Gasoline	☒ UNKNOWN
(2) Diesel	☒ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 07/23/03 (M M D D Y Y)

HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER

DATE DISCHARGE BEGAN: (M M D D Y Y) ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE: 07/23/03 (M M D D Y Y)

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING
☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE
☐ REPLACE TANK ☐ OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE

CHECK ONLY ONE
☐ UNDETERMINED ☒ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER – (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONLY ONE
☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☒ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GR) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☐ OTHER

COMMENTS

TPHg = 305, TPHd = 6340, B/T/E/X = ND/.106/.110/0.68. All in ppm
All in soil

C 413067

L 413068

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

May 18, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

The Realty Associates Fund VLP
5305 North Rivergrade Road
Irwindale, CA 91706

HAZARDOUS MATERIALS UNDERGROUND STORAGE TANKS
LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This letter is to inform you of legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within 20 calendar days of receipt of this notice, the assessor parcel number(s) for the site and a complete mailing list of all current record owners of fee title to the site. You may use the enclosed list of landowners form (sample letter 2) to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

In accordance with Section 25297.15(a) of Chapter 6.7 of the Health and Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

1) Consider a cleanup proposal (corrective action plan)
2) Consider a site closure proposal
3) Make a determination that no further action is required
4) Issue a closure letter

You may use the enclosed notice of proposed action form (sample letter 3) to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please submit the certification within 20 days from the date of this letter.

Initial voluntary cleanup oversight fee of $443 must be paid prior to any report review. An additional fee of $147 per hour will be charged for each hour of assessment review which exceeds the initial three-hour review estimation.

Should you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

AN:cn C:MyFiles\ADIS04\04Ltrs\R\Realty1\413070

Enc.

cc: California Regional Water Quality Control Board (Yue Rong)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

DONALD L. WOLFE, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 12, 2007

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

Wohl Property Group
UST
30200 Rancho Viejo Road, No. C
San Juan Capistrano, CA 92675-1560

Dear Wohl Property Group:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT
CLOSURE CERTIFICATION NOTICE
CLOSURE APPLICATION NO. A373090
FACILITY LOCATED AT 5305 NORTH RIVERGRADE ROAD, IRWINDALE, (3S)

This letter confirms the completion of a site investigation and corrective action for the underground storage tank (UST) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former UST are 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, this agency finds that the site investigation and corrective action carried out at your UST site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the California Health and Safety Code (CH&SC) and with corrective action regulations adopted pursuant to Section 25299.3 of the CH&SC and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the California Health and Safety Code.

If you have any questions, please contact Ms. Abigail Flores of this office at (626) 458-3561, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

DONALD L. WOLFE
Director of Public Works

for

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

AF:my
P:\sec\Wohl C510443

cc: California Regional Water Quality Control Board, Los Angeles Region (Yue Rong)
Ensr/Aecom (Bob Baca)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

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ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

May 18, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

The Realty Associates Fund VLP
5305 North Rivergrade Road
Irwindale, CA 91706

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE REPORT
CLOSURE PERMIT NUMBER 373090
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

This office has reviewed the closure report dated November 3, 2003, for the subject facility.

In order to better evaluate the report, the information indicated on the enclosed Additional Closure Requirements sheet must be submitted to this office by July 19, 2004.

If you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

TS:AN:cn
C:MyFiles/ADIS04/04Ltrs/R/Realty/C413066

Enc.

cc: URS (J. S. Rowlands)

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete evaluation of Closure Permit No. 373090.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

[ ] Insufficient number of samples was obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[X] Submit logs certified by a CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at Department of Health Services certified laboratory.

[ ] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil/tank rinsate with the signature of the disposal facility owner/operator.

[ ] Evidence of legal disposal of soils designated as non-hazardous.

[X] Signature on the report is required of CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils. The report must clearly indicate that all soil sampling was done under the supervision of the registered professional.

[X] Submit a work plan to define the lateral and vertical extent of contamination.

[X] Complete borings to groundwater or complete borings which penetrate to a minimum depth of 25 feet below the deepest detectable contamination. Borings shall be sampled and analyzed at five-foot intervals. EPA 5035 soil sampling guidelines must be utilized. All samples shall be analyzed for BTEX, MTBE, and oxygenate compounds using EPA 8260B, and for gasoline and diesel using EPA 8015(M). A voluntary cleanup oversight fee of $443 must be submitted for the review of future submittals regarding this site.

COUNTY OF LOS ANGELES

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JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

May 18, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

The Realty Associates Fund VLP
5305 North Rivergrade Road
Irwindale, CA 91706

HAZARDOUS MATERIALS UNDERGROUND STORAGE TANKS
LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE

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For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within 20 calendar days of receipt of this notice, the assessor parcel number(s) for the site and a complete mailing list of all current record owners of fee title to the site. You may use the enclosed list of landowners form (sample letter 2) to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

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Should you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

AN:cn C:MyFiles\ADIS04\04Ltrs\R\Realty1\413070

Enc.

cc: California Regional Water Quality Control Board (Yue Rong)

15636-38592

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE: 05/03/04 (M M D D Y Y)

CASE #:

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM

SIGNED: [signature] DATE: 5/18/04

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT	PHONE	SIGNATURE
Andrew Ngumba	626-458-3513	

REPRESENTING: ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER

COMPANY OR AGENCY NAME: LA County DPW

ADDRESS: 900 S Freemont Ave. (STREET) | Alhambra (CITY) | CA (STATE) | 91803 (ZIP)

RESPONSIBLE PARTY

NAME	CONTACT PERSON	PHONE
The realty Associates Fund VLP ☐ UNKNOWN	Tariq Hussein	714-433-7622

ADDRESS: 5305 Rivergrade Road (STREET) | Irwindale (CITY) | CA (STATE) | 91706 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE)	OPERATOR	PHONE
Hughes Family Market	The Realty Associates Fund VLP	949-852-2030

ADDRESS: 5305 Rivergrade Road (STREET) | Irwindale (CITY) | CA (COUNTY) | 91706 (ZIP)

CROSS STREET: Live Oak Ave

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME	CONTACT PERSON	PHONE
LA County DPW	Tim Smith	626-458-3510
REGIONAL BOARD: Los Angeles	Yue Rong	213-576-6710

SUBSTANCES INVOLVED

(1) NAME	QUANTITY LOST (GALLONS)
Gasoline	☒ UNKNOWN
(2) Diesel	☒ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 07/23/03 (M M D D Y Y)

HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER

DATE DISCHARGE BEGAN: ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE: 07/23/03

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING
☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE
☐ REPLACE TANK ☐ OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE
☐ TANK LEAK ☒ UNKNOWN
☐ PIPING LEAK ☐ OTHER

CAUSE(S)
☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL
☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE

CHECK ONLY ONE
☐ UNDETERMINED ☒ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER – (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONLY ONE
☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☒ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GR) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☐ OTHER

COMMENTS

TPHg = 305, TPHd = 6340, B/T/E/X = ND/.106/.110/0.68. All in ppm
All in soil

C 413067

L 413068

Coble, Judy

15636-38592

P-373088

From: Coble, Judy
Sent: Monday, August 25, 2003 3:15 PM
To: 'Anna Tran'
Subject: RE: RUSH RUSH Fwd: 5305 RIVERGRADE RD IRWINDALE CA 91706

C-38635

Anna,

The file name is: The Realty Associates Fund VLP.(949)852-2030 is the phone number. The mailing address: WOHL Property Group 30200 Rancho Viejo Rd #C, San Juan Capistrano, CA 92675. This new permit #373088 will be billed for the Fy03-04. The site was formerly Hughes Market, the site address was changed from 14005 Live Oak Blvd to 5305 Rivergrade Rd (permit #6298t) This permit owes Fy02-03=$751 and Fy01-02=$728=$1479.

Thanks, Judy

-----Original Message-----
From: Anna Tran [mailto:ATran@lacofd.org]
Sent: Thursday, August 14, 2003 8:59 AM
To: Coble, Judy
Subject: RUSH RUSH Fwd: 5305 RIVERGRADE RD IRWINDALE CA 91706

Hi Judy;

I received the update information from customer at this facility. I was adviced that tanks had been removed. what you do have in your record?

Thanks for your help! Judy << Message: 5305 RIVERGRADE RD IRWINDALE CA 91706 >>

Coble, Judy

From: Anna Tran [ATran@lacofd.org]
Sent: Thursday, June 26, 2003 8:54 AM
To: Coble, Judy
Subject: 5305 RIVERGRADE RD IRWINDALE CA 91706

Hi Judy;

Would like to verify if customer has any outstanding Fees for this site, because our record does not show customer is billed for UST Fees, however customer claimed there were tanks at this site. Please notify me of your findings. Thanks for your hekp!

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

JAMES A. NOYES, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

May 18, 2004

IN REPLY PLEASE
REFER TO FILE: EP-1
015636-038592

The Realty Associates Fund VLP
5305 North Rivergrade Road
Irwindale, CA 91706

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE REPORT
CLOSURE PERMIT NUMBER 373090
FACILITY LOCATION: 5305 NORTH RIVERGRADE ROAD, IRWINDALE '35)

This office has reviewed the closure report dated November 3, 2003, for the subject facility.

In order to better evaluate the report, the information indicated on the enclosed Additional Closure Requirements sheet must be submitted to this office by July 19, 2004.

If you have any questions regarding this matter, please contact Mr. Andrew Ngumba, of this office, at (626) 458-3513, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

JAMES A. NOYES
Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

TS:AN:cn
C:\MyFiles\ADI$04\04Ltrs\R\Realty\C413066

Enc.

cc: URS (J. S. Rowlands)

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete evaluation of Closure Permit No. 373090.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

[ ] Insufficient number of samples was obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[X] Submit logs certified by a CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at Department of Health Services certified laboratory.

[ ] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil/tank rinsate with the signature of the disposal facility owner/operator.

[ ] Evidence of legal disposal of soils designated as non-hazardous.

[X] Signature on the report is required of CA registered geologist, CA certified engineering geologist, or CA registered civil engineer with sufficient experience in soils. <u>The report must clearly indicate that all soil sampling was done under the supervision of the registered professional.</u>

[X] Submit a work plan to define the lateral and vertical extent of contamination.

[X] Complete borings to groundwater or complete borings which penetrate to a minimum depth of 25 feet below the deepest detectable contamination. Borings shall be sampled and analyzed at five-foot intervals. EPA 5035 soil sampling guidelines must be utilized. All samples shall be analyzed for BTEX, MTBE, and oxygenate compounds using EPA 8260B, and for gasoline and diesel using EPA 8015(M). A voluntary cleanup oversight fee of $443 must be submitted for the review of future submittals regarding this site.

CASE TYPE
UNDETERMINED

IX. REMEDIAL ACTION

REMEDIAL ACTION	BEGIN DATE	END DATE	DESCRIPTION

X. GENERAL COMMENTS

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER
15636-38592

REGIONAL BOARD CASE NUMBER

LOCAL AGENCY - *LEAD AGENCY*

CONTACT NAME	INITIALS	ORGANIZATION NAME	EMAIL ADDRESS
TIM SMITH		LOS ANGELES COUNTY	

ADDRESS
NOADDRESS
NOCITY, CA NOZIP

CONTACT DESCRIPTION

PHONE TYPE	PHONE NUMBER	EXTENSION
PHONE	(626)-458-3510	

REGIONAL BOARD

CONTACT NAME	INITIALS	ORGANIZATION NAME	EMAIL ADDRESS
YUE RONG	YR	LOS ANGELES RWQCB (REGION 4)	

ADDRESS
320 W. 4TH ST., SUITE 200
LOS ANGELES, CA 90013
UNITED STATES

CONTACT DESCRIPTION

<-- BACK | SUBMIT UNAUTHORIZED RELEASE FORM

LOGGED IN AS ERODRIGUEZ

15636 - 38592

UNAUTHORIZED RELEASE FORM WIZARD

-=YOUR URF HAS NOT YET BEEN SUBMITTED TO GEOTRACKER=-
CLICK ON "SUBMIT UNAUTHORIZED RELEASE FORM" TO SUBMIT THE URF.

THIS WILL BE YOUR URF TRACKING NUMBER: *6853208243*

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE/CONTAMINATION SITE REPORT

REPORT DATE	HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?
11/17/2003	N

I. REPORTED BY -
LOCAL AGENCY - PRIMARY CASEWORKER

CONTACT NAME	INITIALS	ORGANIZATION NAME	EMAIL ADDRESS
ERIK RODRIGUEZ	EFR	LOS ANGELES COUNTY	

ADDRESS
900 S. FREMONT AVE.
ALHAMBRA, CA 91803
UNITED STATES

CONTACT DESCRIPTION

PHONE TYPE	PHONE NUMBER	EXTENSION
OFFICE	(626)-456-3513	

II. RESPONSIBLE PARTY -
PRIMARY RESPONSIBLE PARTY

CONTACT NAME	INITIALS	ORGANIZATION NAME	EMAIL ADDRESS
WOHL PROPERTY GROUP	WPG	WOHL PROPERTY GROUP	

ADDRESS
30200 RANCHO VIEJO ROAD, STE C
SAN JUAN CAPISTRANO, CA 92675
USA

CONTACT DESCRIPTION

III. SITE LOCATION

FACILITY NAME
THE REALTY ASSOCIATES FUND VLP

FACILITY ID

FACILITY ADDRESS
5305 NORTH RIVERGRADE RD
IRWINDALE, CA 91706
LOS ANGELES COUNTY

ORIENTATION OF SITE TO STREET

CROSS STREET
LIVE OAK AVENUE

V. SUBSTANCES RELEASED

SUBSTANCE RELEASED	DESCRIPTION	QUANTITY LOST
GASOLINE - AUTOMOTIVE	TPHG 305PPM, TPHD 6340 PPM	UNKNOWN

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGAN
UNKNOWN

DATE DISCOVERED
11/3/2003

HOW DISCOVERED
TANK CLOSURE

DESCRIPTION

DATE STOPPED

STOP METHOD
CT

DESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGE
UNK

CAUSE OF DISCHARGE
UNK

DISCHARGE DESCRIPTION

VIII. CASE TYPE

L41306867

L41306867

URS EFR/SIPR

015636-
038592

May 11, 2005

Mr. Eric Rodriguez
County of Los Angeles
Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

C450601

RE: **Closure Assessment Work Plan Addendum**
Former Hughes Family Market
5305 Rivergrade Road
Irwindale, CA 91706
DPW Permit Application No. 373090
CUPA No. W819505
For The Realty Associates Fund V, L.P.

Dear Mr. Rodriguez:

The following closure assessment work plan addendum is being submitted on behalf of The Realty Associates Fund V, L.P. for the above listed property (Site). URS submitted a closure assessment work plan dated March 21, 2005 to the County of Los Angeles Department of Public Works, Environmental Programs Division (LADPW) for review. The addendum is being submitted in response to the LADPW's request to expand the proposed scope of work and include additional boring locations. Revisions to the proposed scope of work were discussed on April 12, 2005 during a phone conference that included Mr. Eric Rodriquez of the LADPW, J.S. (Scott) Rowlands of URS Corporation, and Maureen Hill Collins of Haley & Aldrich, Inc.

Mr. Rodriquez has indicated that his primary concern is the level of total petroleum hydrocarbons (TPH) remaining in place. There are no published preliminary remediation goals (PRGs) by the USEPA Region 9 for TPH. However, the residual concentrations of TPH as diesel fuel (TPHd) remaining in soil are several orders of magnitude below the Maximum Soil Screening Levels for Soils Above Drinking Water Aquifers provided in the Interim Site Assessment and Cleanup Guidebook (RWQCB, 1996). Although confirmatory samples obtained after soil excavation indicated that the concentrations of TPH remaining on-site in the UST excavations was "non-detect", and only 11 milligrams per kilogram (mg/kg) in one of five confirmatory samples from the excavation at one of the fuel dispensers (FD1), we have agreed to conduct explorations to confirm the vertical extent of the "contamination".

However, we believe that the eight borings requested by LADPW are not warranted based on the existing data and level of remediation previously conducted. In particular, we believe that the existing data can be used to establish the lateral extent of "contamination". The confirmatory samples obtained from the underground storage tank (UST) excavations and the five samples taken at the base of each remedial excavation confirm that "contamination" has not spread

URS Corporation
2020 East First Street, Suite 400
Santa Ana, CA 92705
Tel: 714.835.6886
Fax: 714.667.7147

laterally. Mr. Rodriquez is quoting the LADPW Guidelines for Report Submittals (Revised June 1993) in substantiating these requirements. However, as discussed below, and because there is a significant amount of data indicating that large scale fuel releases have not occurred at this site and that elevated levels of TPH do not remain on-site, we believe that our proposed scope of work is in line with the LADPW Guidelines. We therefore request that the additional assessment be limited to two exploratory borings.

Background

The former Hughes Family Markets distribution center and warehouse located at 5305 Rivergrade Road in the City of Irwindale, California, operated a gas station to serve the requirements of company vehicles. Hughes Family Markets was sold to the Ralph's Grocery chain and the assets of Hughes Family Markets integrated into the Ralph's system. The warehouse located at Rivergrade Road was surplus to Ralph's operations and was sold to The Realty Associates Fund V, L.P. (owners). The owners did not need an operational gas station on their property for their current needs and to comply with State and County regulations a decision was made to remove the three USTs and related piping and apply for regulatory closure.

Three 12,000-gallon USTs were removed from the Site under a permit from the LADPW on July 23, 2003. Two of the three USTs removed were used to store diesel fuel and one was used to store unleaded gasoline. The USTs were double-walled Plasteel with appropriate alarms, spill containment, and overflow protection devices installed to ensure against spills and leaks from the operating systems. These USTs were reportedly installed in 1992 and were last used in 1997-1998. Leaks from the USTs were not reported during their operational period.

All operations related to the removal of the USTs were conducted in the presence of the inspector from LADPW. The USTs were not damaged or otherwise compromised and there were no signs of leakage from the USTs. In addition, the soil removed from the excavation at the time of the tank removals did not show any discoloration or significant odor. Groundwater was not encountered in any of the excavations. Based on data from surrounding areas the depth to groundwater beneath the Site is estimated to be approximately 200 feet below ground surface (bgs).

Per the requirements of the UST closure permit, soil samples were obtained from beneath the removed USTs, product piping, and fuel dispensers using an excavator and/or backhoe. At the time of the UST removals, six samples and one duplicate sample were collected underneath the former USTs at a depth of 17 feet bgs. Ten samples and one duplicate sample were collected from beneath the former fuel dispensers at 4 feet bgs with the exception of the sample taken beneath the satellite fuel dispenser #1 (SFD1), which was taken at 3 feet bgs. Three samples were collected from selected locations beneath removed product piping at depths of 3 to 5½ feet bgs. In addition the soil removed from the UST excavation was staged on the paved ground

surface. To check the quality of the excavated material two composite samples were taken from the excavated soil stockpile. All soil samples were analyzed for volatile organic compounds (VOCs) and were collected with Encore™ samplers in accordance with the current EPA method 5035 protocol required by the Regional Water Quality Control Board, Los Angeles Region (RWQCB).

The soil samples were analyzed in a fixed laboratory for TPH as gasoline (TPHg) and TPHd, by EPA Method 8015M, and for volatile fuel constituents benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates Methyl tert-Butyl Ether (MTBE), Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME) and tert-Butanol (TBA) by EPA Method 8260B.

BTEX, DIPE, ETBE, TAME, and TBA, were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from fuel dispenser 5 (FD5) which contained 0.003 mg/kg of toluene. MTBE was detected in soil samples at concentrations ranging from 0.014 to 0.071 mg/kg at locations under fuel dispenser 5 and the UST T1 excavation respectively. TPHg was detected in three soil samples at concentrations ranging from 1 mg/kg to 305 mg/kg. TPHd was detected in six soil samples at concentrations ranging from 10 mg/kg to 6,340 mg/kg.

Following a review of the laboratory analytical results, it was decided to excavate the areas showing signs of petroleum hydrocarbon impacts based on laboratory data. The next round of excavation for impacted soil was conducted on August 27, 2003 in the area of fuel dispensers 1 and 2 (FD1 and FD2), satellite fuel dispensers 2 and 3 (SFD2 and SFD3), and UST T2. The objective of this operation was to remove accessible soil affected with petroleum hydrocarbons prior to backfilling and repaving the former UST and fuel dispensing area. Soil was removed to a depth of several feet below the previous soil sampling locations. Specifically, the soil beneath FD1 and FD2 was removed to a depth of approximately 9½ feet bgs. Soil beneath SFD 2 was removed to depth of approximately 9½ feet bgs. Soil beneath SFD 3 was removed to a depth of approximately 8 feet bgs. Soil beneath removed UST T2 was removed to a depth of approximately 21 feet bgs. Following this round of excavation confirmation soil samples were collected from the bottom and sides of the excavation to verify soil conditions. All soil sampling were conducted per RWQCB protocols.

A review of laboratory analytical results for soil samples collected August 27, 2003 indicated further excavation was required in selected areas. This led to an additional several feet of soil being removed from the areas of FD 1 and FD 2 on September 28, 2003. Additional soil was removed from the bottom of the excavation to a depth of approximately 11 feet bgs.

A total of 21 confirmation samples were collected from the remedial excavations to confirm that impacted soil was removed from the targeted locations. Five samples were collected in the

vicinity of the former UST T2 and 16 samples were collected from beneath the former fuel dispensers at various depths.

Approximately 47 tons of petroleum hydrocarbon affected soil excavated from the areas of the UST T2 and fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 was transported to Thermal Remediation Solutions in Azusa, California for disposal/recycling.

Confirmatory sampling provided the following results: BTEX and MTBE were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from beneath UST T2 which contained 0.021 mg/kg of MTBE. However, this sample was re-analyzed for MTBE by EPA method 8260B and the MTBE detection was not confirmed and therefore is not considered valid. TPHg was detected in one soil sample collected beneath fuel dispensers 1 and 2 at concentration of 2.3 mg/kg. TPHd was detected in soil samples at concentrations ranging from 11 mg/kg to 481 mg/kg. It should be noted that additional soil was excavated in the area of the 481 mg/kg detection, and a second confirmation sample collected from this location yielded a non-detect concentration of TPHd.

Confirmation samples collected from the excavations indicate the residual concentrations of TPHd remaining in soil do not exceed 15 mg/kg. Residual concentrations of toluene remaining in soil do not exceed 0.003 mg/kg. Residual concentrations of MTBE remaining in soil do not exceed 0.071 mg/kg. During the field work it was decided that the residual concentrations were not high enough to warrant further excavation, especially when the excavation was caving in and undermining the concrete slab adjacent to the excavation.

The residual concentrations of toluene detected in soil are below USEPA Preliminary Remediation Goals (PRGs). There are no published PRGs for TPH. However, the residual concentrations of TPHd remaining in soil are several orders of magnitude below the Maximum Soil Screening Levels for Soils Above Drinking Water Aquifers provided in the Interim Site Assessment and Cleanup Guidebook (RWQCB, 1996). The published soil screening levels for TPH have since been rescinded but are still observed by multiple oversight agencies.

Because of its potential effects on groundwater quality, MTBE was further evaluated. The residual concentrations of MTBE detected in soil are below USEPA PRGs and above California Drinking Water Maximum Contaminant Levels (MCLs). Based on field observations, the MTBE detections were rapidly decreasing with depth and the residual concentrations left is place are likely below detectable concentrations well before 50 feet bgs. In, addition, the residual concentrations of TPH and toluene remaining in soil are at low levels and were rapidly decreasing with depth.

Additional Assessment

The LADPW has requested that multiple borings (8) be drilled in the area of the removed USTs to determine the lateral and vertical extent of petroleum hydrocarbon impacts. This request appears to be based on Section VI, Item C of LADPW Guidelines for Report Submittals (Revised June 1993) that states "Generally, a minimum number of borings is required for each tank or tank cluster as indicated below....four borings around a double or triple tank cluster." However, Appendix B-Excavation Procedures of the guidelines indicates that "at minimum, one boring must be drilled per source area, if borings were not performed beforehand to fully define the plume." Based on the post-excavation confirmatory data indicating "non-detect" TPH remaining in place, we do not believe there is a hydrocarbon "plume" beneath the site. However, we are willing to conduct additional exploration to assess the vertical extent of residual TPH impact.

It is requested that the LADPW consider the following points in support of limiting the proposed scope of work to two sonic borings (one boring in the location of removed UST T2, and one boring in the area of removed dispensers FD1/FD2 and SFD2):

- Realty Associates Advisors has agreed to remove the canopy at the Site so as to facilitate drilling in the former area of fuel dispensers FD1/FD2 and SFD2.
- The Site geology is comprised of coarse grained material such as sands and gravels. Contaminant plumes in these types of materials are going to migrate primarily in a vertical fashion (typically in the shape of an inverted cone) and have limited lateral spread.
- Soil sampling data collected during the UST removals and subsequent soil removal actions adequately defined the lateral limits of impact.
- The removed USTs were double-walled, installed in 1992, fitted with alarm systems, and observed to be good condition during removal. It is unlikely a significant fuel release occurred at the Site, and the detected concentrations found in soil samples are the result of minor piping leaks or overspill. This is supported by the rapid attenuation of detected compounds with depth.
- In general, soil excavation procedures were conducted in accordance with Appendix B of the LADPW Guidelines for Report Submittals. Therefore, the former UST farm and adjacent dispensers should be treated as one "source area". Two deep borings at the proposed locations (see attached figure) should complete vertical definition of the residual hydrocarbon impacts at the Site.

- Because no benzene was detected in any soil samples collected during the UST removal and subsequent soil removal action, the focus of the addition assessment should be to assess the vertical extent the residual TPH impacted soil. The proposed scope of work, utilizing sonic drilling methods will increase the probability of reaching the target depths of exploration and collecting the necessary data to complete this evaluation.

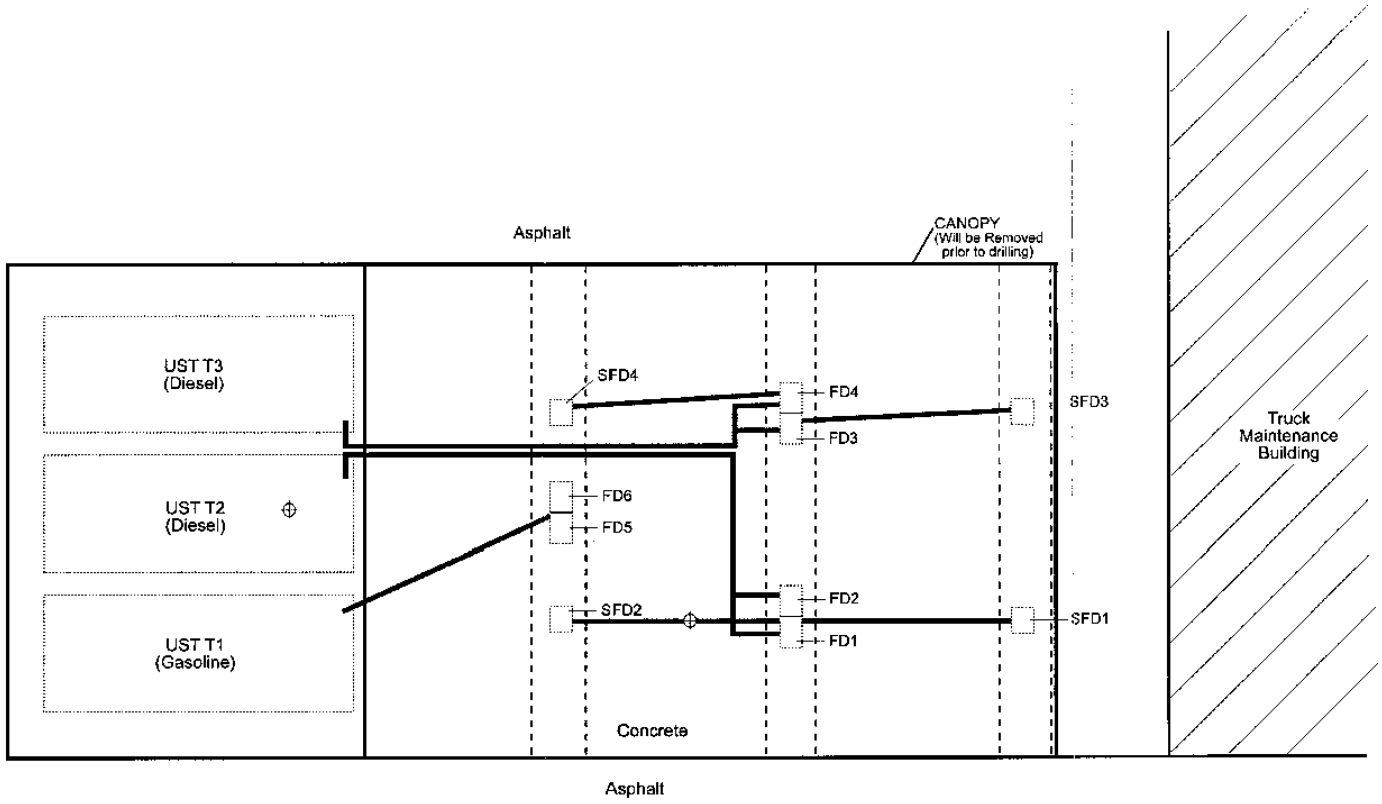
If this Addendum and the revised Site map showing proposed boring locations do not sufficiently address the LADPW's concerns regarding the proposed scope of work to complete the Site closure assessment, The Realty Associates Fund and URS would like to schedule a meeting with you and the LADPW Environmental Programs Manager, Mr. Tim Smith, to further discuss any outstanding issues related the Site closure efforts. Please contact me directly at (714) 648 - 2793 if you have any questions or comments.

Respectfully submitted,
URS Corporation

J.S. Rowlands, P.G., C.HG.
Project Manager
URS Corporation
2020 East First Street
Santa Ana, CA 92705

Attachments: Figure 1

cc: Mr. S. Tariq Hussain, URS Corporation
Mr. Mr. Scott Amling, TA Realty
Mr. Emil Wohl, Wohl Properties
Ms. Maureen Hill Collins, Haley & Aldrich, Inc.
Mr. Tim Smith, LADPW Environmental Programs Division



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping
- Proposed Boring Locations

N

0 10' 20'

Scale in Feet

PROPOSED BORING LOCATION

Project: THE REALTY ASSOCIATED FUND

Project No.: 29858258

Date: MARCH 2005

Figure 1

URS

G:\128\TA REALTY\Irwindale\2005 Assesment\proposed boring locations.FH10

URS

May 11, 2005

Mr. Eric Rodriguez
County of Los Angeles
Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RE. **Closure Assessment Work Plan Addendum**
Former Hughes Family Market
5305 Rivergrade Road
Irwindale, CA 91706
DPW Permit Application No. 373090
CUPA No. W819505
For The Realty Associates Fund V, L.P.

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2020 East First Street, Suite 400
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Tel: 714.835.6886
Fax: 714.667.7147

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Background

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Three 12,000-gallon USTs were removed from the Site under a permit from the LADPW on July 23, 2003. Two of the three USTs removed were used to store diesel fuel and one was used to store unleaded gasoline. The USTs were double-walled Plasteel with appropriate alarms, spill containment, and overflow protection devices installed to ensure against spills and leaks from the operating systems. These USTs were reportedly installed in 1992 and were last used in 1997-1998. Leaks from the USTs were not reported during their operational period.

All operations related to the removal of the USTs were conducted in the presence of the inspector from LADPW. The USTs were not damaged or otherwise compromised and there were no signs of leakage from the USTs. In addition, the soil removed from the excavation at the time of the tank removals did not show any discoloration or significant odor. Groundwater was not encountered in any of the excavations. Based on data from surrounding areas the depth to groundwater beneath the Site is estimated to be approximately 200 feet below ground surface (bgs).

Per the requirements of the UST closure permit, soil samples were obtained from beneath the removed USTs, product piping, and fuel dispensers using an excavator and/or backhoe. At the time of the UST removals, six samples and one duplicate sample were collected underneath the former USTs at a depth of 17 feet bgs. Ten samples and one duplicate sample were collected from beneath the former fuel dispensers at 4 feet bgs with the exception of the sample taken beneath the satellite fuel dispenser #1 (SFD1), which was taken at 3 feet bgs. Three samples were collected from selected locations beneath removed product piping at depths of 3 to 5½ feet bgs. In addition the soil removed from the UST excavation was staged on the paved ground

surface. To check the quality of the excavated material two composite samples were taken from the excavated soil stockpile. All soil samples were analyzed for volatile organic compounds (VOCs) and were collected with Encore™ samplers in accordance with the current EPA method 5035 protocol required by the Regional Water Quality Control Board, Los Angeles Region (RWQCB).

The soil samples were analyzed in a fixed laboratory for TPH as gasoline (TPHg) and TPHd, by EPA Method 8015M, and for volatile fuel constituents benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates Methyl tert-Butyl Ether (MTBE), Di-isopropyl Ether (DIPE), Ethyl tert-butyl Ether (ETBE), tert-Amyl Methyl Ether (TAME) and tert-Butanol (TBA) by EPA Method 8260B.

BTEX, DIPE, ETBE, TAME, and TBA, were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from fuel dispenser 5 (FD5) which contained 0.003 mg/kg of toluene. MTBE was detected in soil samples at concentrations ranging from 0.014 to 0.071 mg/kg at locations under fuel dispenser 5 and the UST T1 excavation respectively. TPHg was detected in three soil samples at concentrations ranging from 1 mg/kg to 305 mg/kg. TPHd was detected in six soil samples at concentrations ranging from 10 mg/kg to 6,340 mg/kg.

Following a review of the laboratory analytical results, it was decided to excavate the areas showing signs of petroleum hydrocarbon impacts based on laboratory data. The next round of excavation for impacted soil was conducted on August 27, 2003 in the area of fuel dispensers 1 and 2 (FD1 and FD2), satellite fuel dispensers 2 and 3 (SFD2 and SFD3), and UST T2. The objective of this operation was to remove accessible soil affected with petroleum hydrocarbons prior to backfilling and repaving the former UST and fuel dispensing area. Soil was removed to a depth of several feet below the previous soil sampling locations. Specifically, the soil beneath FD1 and FD2 was removed to a depth of approximately 9½ feet bgs. Soil beneath SFD 2 was removed to depth of approximately 9½ feet bgs. Soil beneath SFD 3 was removed to a depth of approximately 8 feet bgs. Soil beneath removed UST T2 was removed to a depth of approximately 21 feet bgs. Following this round of excavation confirmation soil samples were collected from the bottom and sides of the excavation to verify soil conditions. All soil sampling were conducted per RWQCB protocols.

A review of laboratory analytical results for soil samples collected August 27, 2003 indicated further excavation was required in selected areas. This led to an additional several feet of soil being removed from the areas of FD 1 and FD 2 on September 28, 2003. Additional soil was removed from the bottom of the excavation to a depth of approximately 11 feet bgs.

A total of 21 confirmation samples were collected from the remedial excavations to confirm that impacted soil was removed from the targeted locations. Five samples were collected in the

vicinity of the former UST T2 and 16 samples were collected from beneath the former fuel dispensers at various depths.

Approximately 47 tons of petroleum hydrocarbon affected soil excavated from the areas of the UST T2 and fuel dispensers 1 and 2 and satellite fuel dispensers 2 and 3 was transported to Thermal Remediation Solutions in Azusa, California for disposal/recycling.

Confirmatory sampling provided the following results: BTEX and MTBE were not detected at or above laboratory reporting limits in any of the soil samples collected, excluding one sample from beneath UST T2 which contained 0.021 mg/kg of MTBE. However, this sample was re-analyzed for MTBE by EPA method 8260B and the MTBE detection was not confirmed and therefore is not considered valid. TPHg was detected in one soil sample collected beneath fuel dispensers 1 and 2 at concentration of 2.3 mg/kg. TPHd was detected in soil samples at concentrations ranging from 11 mg/kg to 481 mg/kg. It should be noted that additional soil was excavated in the area of the 481 mg/kg detection, and a second confirmation sample collected from this location yielded a non-detect concentration of TPHd.

Confirmation samples collected from the excavations indicate the residual concentrations of TPHd remaining in soil do not exceed 15 mg/kg. Residual concentrations of toluene remaining in soil do not exceed 0.003 mg/kg. Residual concentrations of MTBE remaining in soil do not exceed 0.071 mg/kg. During the field work it was decided that the residual concentrations were not high enough to warrant further excavation, especially when the excavation was caving in and undermining the concrete slab adjacent to the excavation.

The residual concentrations of toluene detected in soil are below USEPA Preliminary Remediation Goals (PRGs). There are no published PRGs for TPH. However, the residual concentrations of TPHd remaining in soil are several orders of magnitude below the Maximum Soil Screening Levels for Soils Above Drinking Water Aquifers provided in the Interim Site Assessment and Cleanup Guidebook (RWQCB, 1996). The published soil screening levels for TPH have since been rescinded but are still observed by multiple oversight agencies.

Because of its potential effects on groundwater quality, MTBE was further evaluated. The residual concentrations of MTBE detected in soil are below USEPA PRGs and above California Drinking Water Maximum Contaminant Levels (MCLs). Based on field observations, the MTBE detections were rapidly decreasing with depth and the residual concentrations left is place are likely below detectable concentrations well before 50 feet bgs. In, addition, the residual concentrations of TPH and toluene remaining in soil are at low levels and were rapidly decreasing with depth.

Additional Assessment

The LADPW has requested that multiple borings (8) be drilled in the area of the removed USTs to determine the lateral and vertical extent of petroleum hydrocarbon impacts. This request appears to be based on Section VI, Item C of LADPW Guidelines for Report Submittals (Revised June 1993) that states "Generally, a minimum number of borings is required for each tank or tank cluster as indicated below....four borings around a double or triple tank cluster." However, Appendix B-Excavation Procedures of the guidelines indicates that "at minimum, one boring must be drilled per source area, if borings were not performed beforehand to fully define the plume." Based on the post-excavation confirmatory data indicating "non-detect" TPH remaining in place, we do not believe there is a hydrocarbon "plume" beneath the site. However, we are willing to conduct additional exploration to assess the vertical extent of residual TPH impact.

It is requested that the LADPW consider the following points in support of limiting the proposed scope of work to two sonic borings (one boring in the location of removed UST T2, and one boring in the area of removed dispensers FD1/FD2 and SFD2):

- Realty Associates Advisors has agreed to remove the canopy at the Site so as to facilitate drilling in the former area of fuel dispensers FD1/FD2 and SFD2.
- The Site geology is comprised of coarse grained material such as sands and gravels. Contaminant plumes in these types of materials are going to migrate primarily in a vertical fashion (typically in the shape of an inverted cone) and have limited lateral spread.
- Soil sampling data collected during the UST removals and subsequent soil removal actions adequately defined the lateral limits of impact.
- The removed USTs were double-walled, installed in 1992, fitted with alarm systems, and observed to be good condition during removal. It is unlikely a significant fuel release occurred at the Site, and the detected concentrations found in soil samples are the result of minor piping leaks or overspill. This is supported by the rapid attenuation of detected compounds with depth.
- In general, soil excavation procedures were conducted in accordance with Appendix B of the LADPW Guidelines for Report Submittals. Therefore, the former UST farm and adjacent dispensers should be treated as one "source area". Two deep borings at the proposed locations (see attached figure) should complete vertical definition of the residual hydrocarbon impacts at the Site.

- Because no benzene was detected in any soil samples collected during the UST removal and subsequent soil removal action, the focus of the addition assessment should be to assess the vertical extent the residual TPH impacted soil. The proposed scope of work, utilizing sonic drilling methods will increase the probability of reaching the target depths of exploration and collecting the necessary data to complete this evaluation.

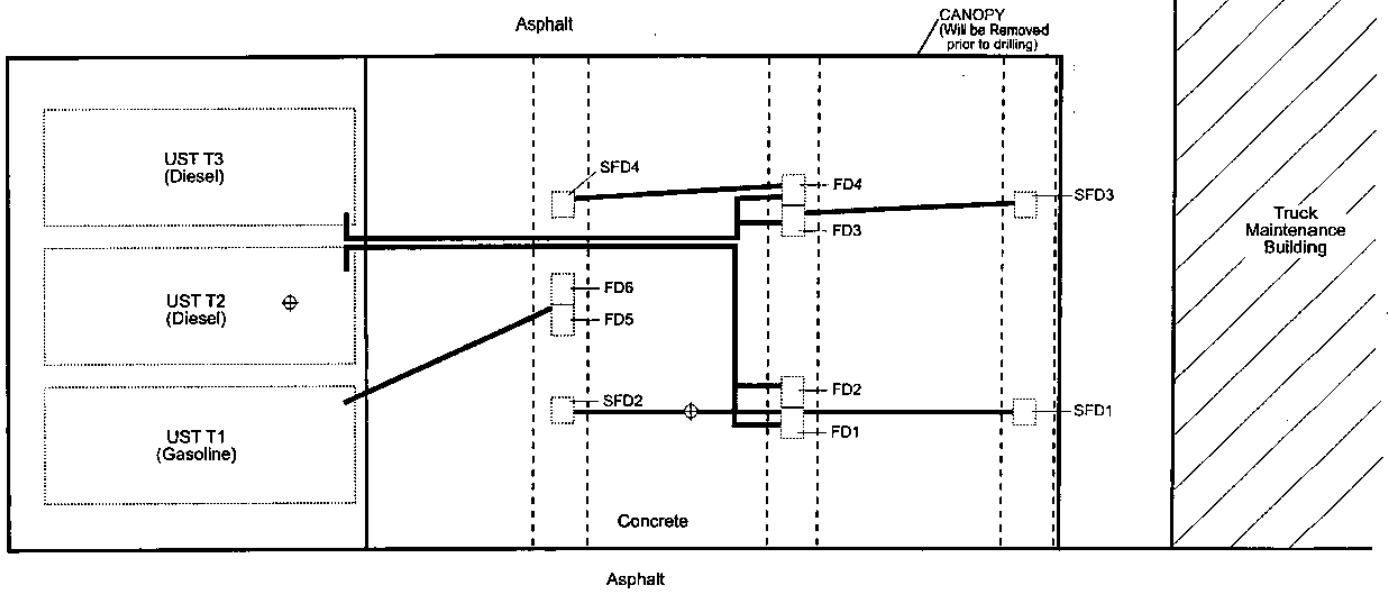
If this Addendum and the revised Site map showing proposed boring locations do not sufficiently address the LADPW's concerns regarding the proposed scope of work to complete the Site closure assessment, The Realty Associates Fund and URS would like to schedule a meeting with you and the LADPW Environmental Programs Manager, Mr. Tim Smith, to further discuss any outstanding issues related the Site closure efforts. Please contact me directly at (714) 648 - 2793 if you have any questions or comments.

Respectfully submitted,
URS Corporation

J.S. Rowlands, P.G., C.HG.
Project Manager
URS Corporation
2020 East First Street
Santa Ana, CA 92705

Attachments: Figure 1

cc: Mr. S. Tariq Hussain, URS Corporation
Mr. Mr. Scott Amling, TA Realty
Mr. Emil Wohl, Wohl Properties
Ms. Maureen Hill Collins, Haley & Aldrich, Inc.
Mr. Tim Smith, LADPW Environmental Programs Division



LEGEND

- Former UST Location
- Pump Island
- SFD1 — Former Satellite Fuel Dispenser
- FD1 — Former Fuel Dispensers
- Truck Maintenance Building
- Former Product Piping
- ⊕ Proposed Boring Locations

N

0 10' 20'

Scale in Feet

PROPOSED BORING LOCATION

Project: THE REALTY ASSOCIATED FUND

Project No.: 29868258

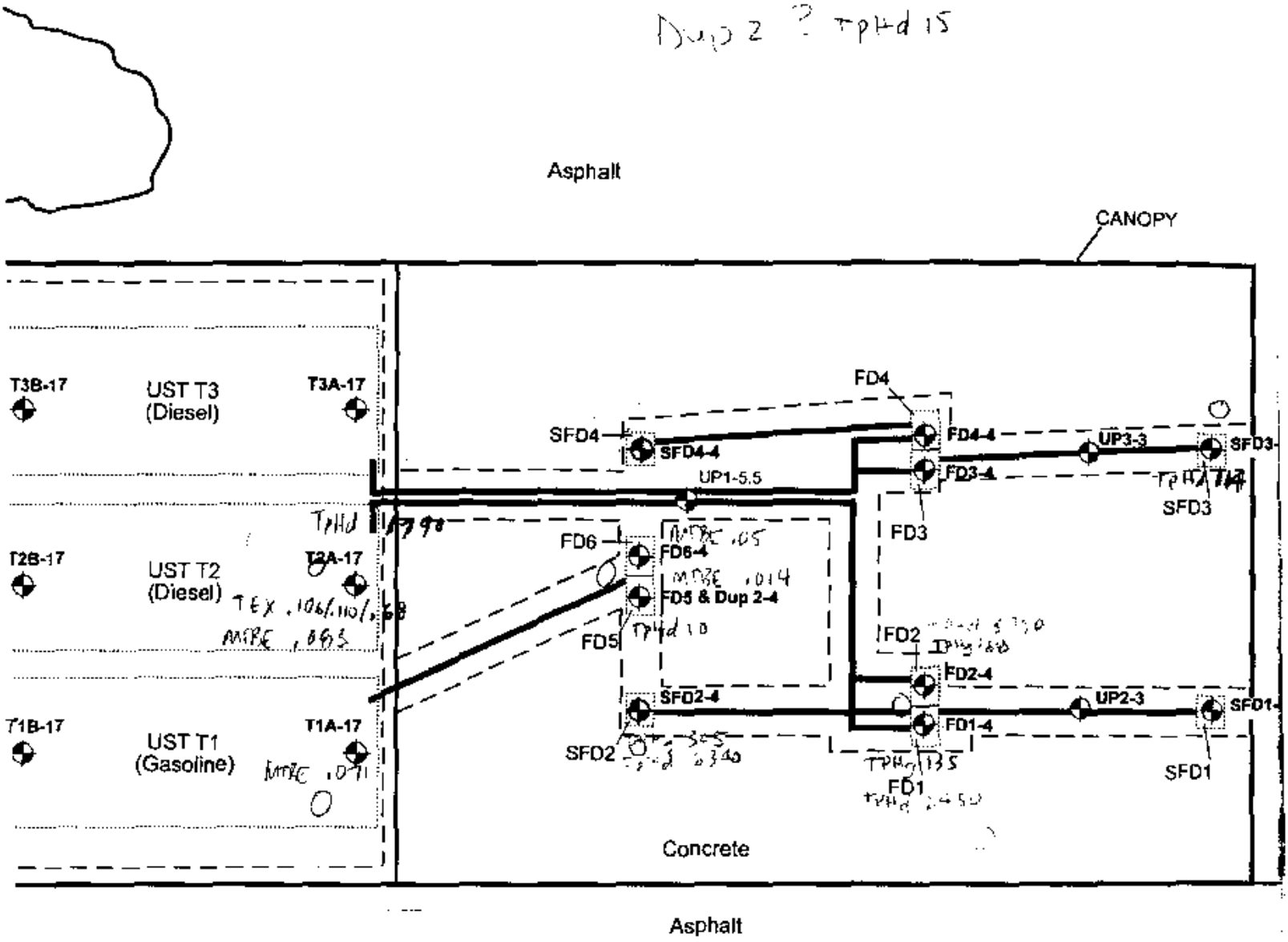
Date: MARCH 2005

Figure 1

URS

G:\128\TA REALTY\Irwindale\2005 Assesment\proposed boring locations.FH10

Dup 2 ? TPHd 15



enser

lg

Designation

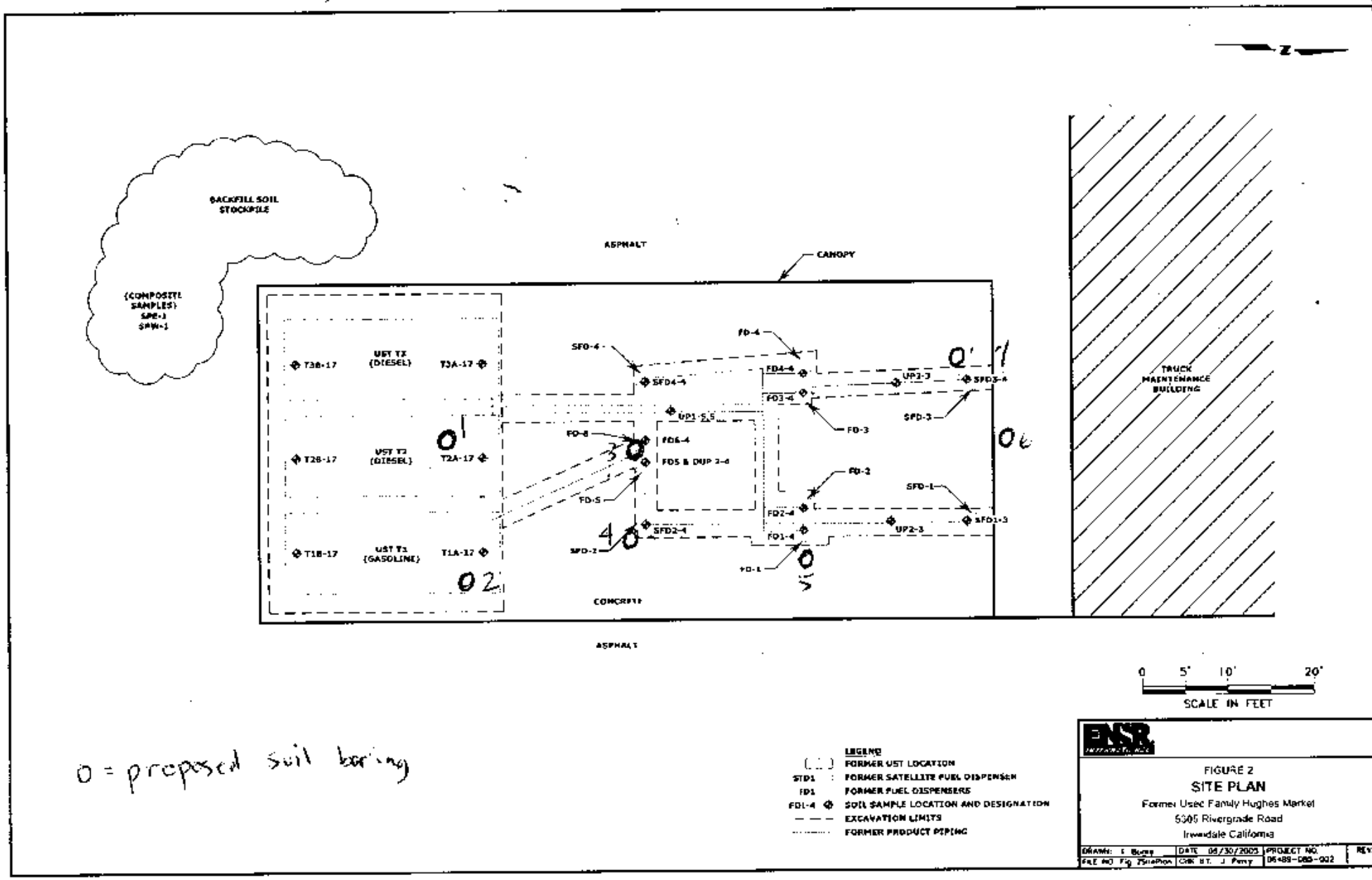
N

0 10' 20'

Scale in Feet

Attn: Jason Perry
From: Abigail Flores
LA County Dept Public Wks

file # 15636-38592
12/21/05



o = proposed soil boring

Rodriguez, Erik

From: Rodriguez, Erik
Sent: Monday, June 13, 2005 10:45 AM
To: 'scott_rowlands@urscorp.com'
Subject: Site Assessment Work Plan for 5305 Rivergrade Road, Irwindale

Dear Mr. Rowlands:

The site assessment work plan for the subject site is inadequate. The following information/modifications are requested:

- Health and Safety Plan
- Statement that soil will be analyzed for ethanol using method 8260B, in addition to TPH-G, TPH-D, and the Fuel Oxygenates already stated in the work plan
- Ten borings must be included in the work plan at the following locations (see figure 2 of work plan dated 3/21/05)
    - For vertical definition
        - T2A-17
        - T1A-17
        - FD6
        - FD2
        - SFD2
        - SFD3
    - For horizontal definition, the following boring locations will be accepted
        - 1 boring, located between T2A-17, T1A-17, FD6, SFD2
        - 1 boring, between and 10 feet east of SFD2 and FD2
        - 1 boring, between FD2 and SFD3
        - 1 boring, 10 feet northwest of SFD3
- Specify the depths, depths where sampling will begin and end, and the sampling interval for each boring

The borings at T1A-17 and FD6 are required due to the detection of MTBE in the initial site assessment. Notwithstanding the limited excavation done on the site, definition of the vertical and horizontal extent of contamination is required according to Appendix B on page 30 of the County's "Guidelines for Report Submittals", which states that the extent of contamination must be defined prior to excavation.

Your work plan has been reviewed and these requests are concurred by my supervisor Ms. Rani Iyer, whom Mr. Tim Smith has permitted to make decisions on these matters.

If you have any questions, please call me at 626-458-3513.

Erik Rodriguez
UST Unit, Environmental Programs Division
Los Angeles County Dept. of Public Works
626.458.3513 phone
626.458.3569 fax

INDUSTRIAL WASTE DISPOSAL PERMIT
OPERATING PERMIT-LOCAL SEWER

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
P. O. BOX 1460
ALHAMBRA, CA 91802-1460 TEL: (626) 458-3517

PERMIT NO: 000625786
EFFECTIVE DATE: 09/22/09
EXPIRATION DATE:

PERMISSION IS HEREBY GRANTED TO:

WOHL PROPERTY GROUP 30200 RANCHO VIEJO RD #C SAN JUAN CAPISTRANO, CA 92675	<< CERTIFICATE HOLDER	015636 038518 3S 5305 N RIVERGRADE RD MARGARET DANIELAK,MGR X404 (626) 585-0400	<<<<< FILE NUMBER/AREA <<<<< FACILITY ADDRESS <<<<< PRIMARY CONTACT <<<<< CONTACT PHONE

TO TREAT/STORE/DISPOSE INDUSTRIAL WASTE MATERIALS LOCATED AT THE FACILITY INDICATED ABOVE, UNDER THE SANITARY SEWER AND INDUSTRIAL WASTE ORDINANCE FOR:

CITY OF IRWINDALE LOCAL ORDINANCE/CSDLAC EXEMPT	<<<<< AREA/CITY <<<<< JURISDICTION	MC TITLE 13 CH 13.04 OPEN FACILITY, NOT USED	<<<<< ORDINANCE/MUN CODE <<<<< INDUSTRY

THE INDUSTRIAL WASTE OPERATIONS REGULATED BY THIS PERMIT CONSIST OF THE FOLLOWING:
FACILITY: 1260 GAL, I-2 STD

THIS CERTIFICATE IS SUBJECT TO THE FOLLOWING CONDITIONS:

A1 COND & LIM, PUBLIC SEWER
B1 WASTES NOT AUTHORIZED, PUBLIC SEWER AND ON-SITE
C6 GENERAL CONDITIONS, NON-USE (CONTD)
AP COND & LIM, SEWER NON-USE (CONTD)
C5 GENERAL CONDITIONS, NON-USE

THE PLANS APPROVED IN CONJUNCTION WITH THIS PERMIT AND ANY PLANS REFERENCED HEREIN ARE MADE PART OF THIS PERMIT. THE INDUSTRIAL WASTE CONTROL ENGINEERING INSPECTOR IN YOUR AREA WILL EXPLAIN THE PERMIT CONDITIONS, AND MAKE PERIODIC INSPECTIONS OF YOUR OPERATIONS. THIS PERMIT IS SUBJECT TO ANNUAL INDUSTRIAL WASTE INSPECTION FEES.

GAIL FARBER
DIRECTOR OF PUBLIC WORKS

BY: Frank Chin
ENVIRONMENTAL PROGRAMS DIVISION

DATE OF ISSUANCE: 09/22/09

38-003 DPW 12/86

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
P. O. BOX 1460
ALHAMBRA, CA 91802-1460 TEL: (626) 458-3517

INDUSTRIAL WASTE DISPOSAL PERMIT

PERMIT NO: 000625786
EFFECTIVE DATE: 09/22/09
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WOHL PROPERTY GROUP 30200 RANCHO VIEJO RD #C SAN JUAN CAPISTRANO, CA 92675	<< CERTIFICATE HOLDER	015636 038518 3S 5305 N RIVERGRADE RD MARGARET DANIELAK,MGR X404 (626) 585-0400	<<<<< FILE NUMBER/AREA <<<<< FACILITY ADDRESS <<<<< PRIMARY CONTACT <<<<< CONTACT PHONE

TO TREAT/STORE/DISPOSE INDUSTRIAL WASTE MATERIALS LOCATED AT THE FACILITY INDICATED ABOVE, UNDER THE SANITARY SEWER AND INDUSTRIAL WASTE ORDINANCE FOR:

CITY OF IRWINDALE LOCAL ORDINANCE/CSDLAC EXEMPT	<<<<< AREA/CITY <<<<< JURISDICTION	MC TITLE 13 CH 13.04 OPEN FACILITY, NOT USED	<<<<< ORDINANCE/MUN CODE <<<<< INDUSTRY

POST THIS AT YOUR LOCATION

PERMIT/CERTIFICATE

ANNUAL INDUSTRIAL WASTE INSPECTION FEE

DUPLICATE BILL

THE REALTY ASSOCIATES FUND VLP
5305 N RIVERGRADE RD
IRWINDALE, CA 91706

PERMIT NO: P000625786
FILE NO: 015636 038518
AREA: 3S
DATE: 09/22/09

PERMITTEE MAILING ADDRESS: WOHL PROPERTY GROUP
30200 RANCHO VIEJO RD #C
SAN JUAN CAPISTRANO, CA 92675

RETURN TO: LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
CASHIER UNIT
P. O. BOX 1460
ALHAMBRA, CA 91802

MAKE CHECK PAYABLE TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS

****
* $55.50 *
* DUE DATE: 11/10/09 *
****

IND: 309 OPEN FACILITY, NOT USED JURIS: C LOCAL ORDINANCE/CSDLAC EXEMPT PERMIT TYPE: 01 OPERATING PERMIT-LOCAL SEWER

FEE TYPE	FEE DESCRIPTION	AMOUNT OWING	
112	ANNUAL PERMIT FEE	$55.50	
	TOTAL	$55.50	DUE DATE: 11/10/09

REFER ALL INQUIRES TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS (626) 458-3517
* RETAIN THIS PORTION FOR YOUR RECORDS *

THE REALTY ASSOCIATES FUND VLP
5305 N RIVERGRADE RD
IRWINDALE, CA 91706

ANNUAL INDUSTRIAL WASTE INSPECTION FEE

DUPLICATE BILL

PERMIT NO: P000625786
FILE NO: 015636 038518
AREA: 3S
DATE: 09/22/09

PERMITTEE MAILING ADDRESS: WOHL PROPERTY GROUP
30200 RANCHO VIEJO RD #C
SAN JUAN CAPISTRANO, CA 92675

RETURN TO: LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
CASHIER UNIT
P. O. BOX 1460
ALHAMBRA, CA 91802

MAKE CHECK PAYABLE TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS

****
* $55.50 *
* DUE DATE: 11/10/09 *
****

REFER ALL INQUIRES TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS (626) 458-3517
* RETURN THIS PORTION WITH PAYMENT *

INDUSTRIAL WASTE DISPOSAL PERMIT
OPERATING PERMIT-LOCAL SEWER

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
P. O. BOX 1460
ALHAMBRA, CA 91802-1460 TEL: (626) 458-3517

PERMIT NO: 000625787
EFFECTIVE DATE: 09/22/09
EXPIRATION DATE:

PERMISSION IS HEREBY GRANTED TO:

WOHL PROPERTY GROUP 30200 RANCHO VIEJO RD #C SAN JUAN CAPISTRANO, CA 92675	<< CERTIFICATE HOLDER	015636 038518 3S 5305 N RIVERGRADE RD MARGARET DANIELAK,MGR X404 (626) 585-0400	<<<<< FILE NUMBER/AREA <<<<< FACILITY ADDRESS <<<<< PRIMARY CONTACT <<<<< CONTACT PHONE

TO TREAT/STORE/DISPOSE INDUSTRIAL WASTE MATERIALS LOCATED AT THE FACILITY INDICATED ABOVE, UNDER THE SANITARY SEWER AND INDUSTRIAL WASTE ORDINANCE FOR:

CITY OF IRWINDALE LOCAL ORDINANCE/CSDLAC EXEMPT	<<<<< AREA/CITY <<<<< JURISDICTION	MC TITLE 13 CH 13.04 NON-METALS WITH NO CHEMICAL WASTE,	<<<<< ORDINANCE/MUN CODE <<<<< INDUSTRY

THE INDUSTRIAL WASTE OPERATIONS REGULATED BY THIS PERMIT CONSIST OF THE FOLLOWING:
FACILITY: OTHER NON-STANDARD FACILITY
SPEC INFO: TWO 1500 GAL CAP CLARIFIERS W/SAMPLE BOX, ACID NEUTRALIZATION, FIRE SPRINKLER WATER CONTAINMENT, SPILL CONTAINMENT

THIS CERTIFICATE IS SUBJECT TO THE FOLLOWING CONDITIONS:

A1 COND & LIM, PUBLIC SEWER
A2 COND & LIM, PUBLIC SEWER (CONTD)
B1 WASTES NOT AUTHORIZED, PUBLIC SEWER AND ON-SITE
C1 GENERAL CONDITIONS & LIMITATIONS
D1 EFFLUENT LIMITS, JOINT OUTFALL

THE PLANS APPROVED IN CONJUNCTION WITH THIS PERMIT AND ANY PLANS REFERENCED HEREIN ARE MADE PART OF THIS PERMIT. THE INDUSTRIAL WASTE CONTROL ENGINEERING INSPECTOR IN YOUR AREA WILL EXPLAIN THE PERMIT CONDITIONS, AND MAKE PERIODIC INSPECTIONS OF YOUR OPERATIONS. THIS PERMIT IS SUBJECT TO ANNUAL INDUSTRIAL WASTE INSPECTION FEES.

GAIL FARBER
DIRECTOR OF PUBLIC WORKS

BY: Frank Chin
ENVIRONMENTAL PROGRAMS DIVISION

DATE OF ISSUANCE: 09/22/09

38-003 DPW 12/86

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
P. O. BOX 1460
ALHAMBRA, CA 91802-1460 TEL: (626) 458 3517

INDUSTRIAL WASTE DISPOSAL PERMIT

PERMIT NO: 000625787
EFFECTIVE DATE: 09/22/09
EXPIRATION DATE:

PERMISSION IS HEREBY GRANTED TO:

WOHL PROPERTY GROUP 30200 RANCHO VIEJO RD #C SAN JUAN CAPISTRANO, CA 92675	<< CERTIFICATE HOLDER	015636 038518 3S 5305 N RIVERGRADE RD MARGARET DANIELAK,MGR X404 (626) 585-0400	<<<<< FILE NUMBER/AREA <<<<< FACILITY ADDRESS <<<<< PRIMARY CONTACT <<<<< CONTACT PHONE

TO TREAT/STORE/DISPOSE INDUSTRIAL WASTE MATERIALS LOCATED AT THE FACILITY INDICATED ABOVE, UNDER THE SANITARY SEWER AND INDUSTRIAL WASTE ORDINANCE FOR:

CITY OF IRWINDALE LOCAL ORDINANCE/CSDLAC EXEMPT	<<<<< AREA/CITY <<<<< JURISDICTION	MC TITLE 13 CH 13.04 NON-METALS WITH NO CHEMICAL WASTE,	<<<<< ORDINANCE/MUN CODE <<<<< INDUSTRY

POST THIS AT YOUR LOCATION

PERMIT/CERTIFICATE

ANNUAL INDUSTRIAL WASTE INSPECTION FEE

DUPLICATE BILL

THE REALTY ASSOCIATES FUND VLP
5305 N RIVERGRADE RD
IRWINDALE, CA 91706

PERMIT NO: P000625787
FILE NO: 015636 038518
AREA: 35
DATE: 09/22/09

PERMITTEE MAILING ADDRESS: WOHL PROPERTY GROUP
30200 RANCHO VIEJO RD #C
SAN JUAN CAPISTRANO, CA 92675

RETURN TO: LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
CASHIER UNIT
P. O. BOX 1460
ALHAMBRA, CA 91802

MAKE CHECK PAYABLE TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS

****
$55.50 *
* DUE DATE: 11/10/09 *
****

IND: 127 NON-METALS WITH NO CHEMICAL WA JURIS: C LOCAL ORDINANCE/CSDLAC EXEMPT PERMIT TYPE: 01 OPERATING PERMIT-LOCAL SEWER

FEE TYPE	FEE DESCRIPTION	AMOUNT OWING	
112	ANNUAL PERMIT FEE	$55.50	
	TOTAL	$55.50	DUE DATE: 11/10/09

REFER ALL INQUIRES TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS (626) 458-3517
* RETAIN THIS PORTION FOR YOUR RECORDS *

THE REALTY ASSOCIATES FUND VLP
5305 N RIVERGRADE RD
IRWINDALE, CA 91706

ANNUAL INDUSTRIAL WASTE INSPECTION FEE

DUPLICATE BILL

PERMIT NO: P000625787
FILE NO: 015636 038518
AREA: 35
DATE: 09/22/09

PERMITTEE MAILING ADDRESS: WOHL PROPERTY GROUP
30200 RANCHO VIEJO RD #C
SAN JUAN CAPISTRANO, CA 92675

RETURN TO: LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
CASHIER UNIT
P. O. BOX 1460
ALHAMBRA, CA 91802

MAKE CHECK PAYABLE TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS

****
$55.50 *
* DUE DATE: 11/10/09 *
****

REFER ALL INQUIRES TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS (626) 458-3517
* RETURN THIS PORTION WITH PAYMENT *

Coble, Judy

15636-38592

P-373088

From: Coble, Judy
Sent: Tuesday, September 30, 2003 8:16 AM
To: 'atran@lacofd.org'
Subject: RE: 14005 LIVE OAK AVE IRWINDALE CA 91706

Anna,

You may waive the penalty fees. This file has been transferred to another file. The site address was 14005 Live Oak Ave. Now the site address is 5305 Rivergrade Rd, Permit #373088. The mailing address for the new site is: WOHL Property Group, 30200 Rancho Viejo Rd #C, San Juan Capistrano CA 92675. My understanding is the property is being handled by The Realty Associates Fund(also File name) property is large and has different streets on different sides of the property. Anyway, the other permit is P#6298t is now closed and has a zero balance.

Thanks, Judy

C-393234

-----Original Message-----
From: Coble, Judy
Sent: Tuesday, August 26, 2003 2:21 PM
To: 'Anna Tran'
Subject: RE: 14005 LIVE OAK AVE IRWINDALE CA 91706

Anna,

We have not received the fees you are talking about. Is there a reason the fees were late?

Judy

-----Original Message-----
From: Anna Tran [mailto:ATran@lacofd.org]
Sent: Thursday, June 19, 2003 3:12 PM
To: Coble, Judy
Subject: 14005 LIVE OAK AVE IRWINDALE CA 91706

Hi Judy

We received the payment of UST Fees of FY02/03 in amount of $751.00 and payment of UST Fees of FY01/02= $728.00 Would like to veirfy if you are ok to waive penalty fees. if you do, please indicate so. Thanks!

APPLICATION FOR CLOSURE
HAZARDOUS MATERIAL UNDER[illegible]OUND STORAGE TANKS
COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331
(626) 458-3517

DPW USE ONLY
App. No. 23090
Site File 15636-38592 Loc 35
Fee $:
Check [ ] Cash [ ]

TANK OWNER: Contact Name: The Realty Associates Fund V LP Phone: 949-852-2030
Mailing Address: 7501 Dove St. #860 City: Newport Beach State: Ca Zip: 92660

FACILITY/SITE: Occupant Name: - VACANT - Phone: 714-433-7618
Site Address: 3305 Riverside City: Irvine State: Ca Zip: 92704
Mailing Address: 2020 E. First #400 City: Santa Ana State: Ca Zip: 92705
Contact Person: William Schramm Title: Project Manager
DRS Corporation

CONTRACTOR [ ] OWNER/OPERATOR AS CONTRACTOR [ ]
Contractor Name: Innovative Construction Solutions Phone: 714-893-6366
State License No.: 764815 Class: A
Hazardous Substance Removal Certified YES [X] NO [ ]

CLOSURE REQUESTED; Closure of tanks shall be in compliance with California Health and Safety Code Chapter 6.7, Section 25298, and California Code of Regulations Title 23, Division 3, Chapter 16, Sections 2670 through 2672.

[X] PERMANENT, TANK REMOVAL (See Section 2672(b))
How many underground storage tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Section 2672(c)) - Attach Justification Statement
[ ] TEMPORARY, (See Section 2671)
[ ] Other:

PLOT PLAN ATTACHED [X] Showing existing tanks product piping & dispenser locations. EXISTING HMUSP PERMIT NO.:

TANK DESCRIPTION:

TANKS NO.	*	TANK ID NO. (DPW USE ONLY)	CAPACITY GALLONS	MATERIALS STORED (PAST/PRESENT)	CLOSURE APPLICATION FEE
1	yes		12000	U: Gasoline	$347.00
2	yes		12000	Diesel	426.00
3	yes		12000	Diesel	505.00
4					584.00
5					663.00
6 (+ ATTACH LIST)					$268.00 + $79.00/PER TANK =

* Compliance with December 22, 1998 Standards (See 2A on back)

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Have structural repair ever been made to these tanks?	[ ]	[X]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH AND SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature [signature] Date 3/11/03
(Print Name) S. Tariq Hussain Phone 714 433 7622
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.90.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. ATTACHMENTS YES [ ] NO [ ]
THIS AUTHORIZATION EXPIRES 11/20/03

JAMES A. NOYES
Director of Public Works By: [signature] Date: 3/20/03

Complete Certification of Compliance with Los Angeles County Lobbyist Ordinance on back FORMAT DPW Rev. 7/02

UNDERGROUND STORAGE TANK
CLOSURE INFORMATION

1. This application is for authorization to temporarily or permanently close an underground storage tank (UST) pursuant to Los Angeles County Code, Title 11, Division 4, and California Code of Regulations, Title 23, Division 3, Chapter 16. This application may also be used for product piping removal associated with an existing or removed UST.

2. This application will not be approved unless a valid Hazardous Material Underground Storage Permit (HMUSP) or Unified Program (UP) Permit application is on file with the Department of Public Works (DPW). HMUSP registration fees may be waived, if the DPW finds that the subject USTs' : a. Have been continuously empty and out of service since January 1, 1984; b. The owner or operator was never informed by DPW or any other agency of need to properly close UST's.

2A. Additional fees may be imposed for closure of UST's that were not in compliance with December 22, 1998, standards for upgrade or temporary closure.

3. USTs closed on site by removal or cleaning and filling with an inert solid material prior to January 1, 1984, need not comply with current closure requirements, however, leaks from such USTs must be reported and cleaned up.

4. This application must be accompanied by a UP UST's FACILITY form for each site and UP UST's TANK PAGE 1 and PAGE 2 forms for each UST to be removed or closed.

5. All work shall be carried out in full compliance with all applicable Federal, State and local laws, ordinances, rules and regulations.

6. All fees due to DPW and/or to the Certified Unified Program Agency (CUPA) for the operation and/or maintenance of the facility subject to closure through the date of closure shall be paid.

7. All inspections notification(s) shall be made as directed by the attached conditions of this approval.

8. Within 30 days of the date of closure, the applicant shall furnish to the DPW a closure report describing all work completed, results of any required sampling, disposition of any contaminated soils or materials found and all other requirement made part of the closure application.

9. In all cases, closure permits expire 180 days from the date of issue unless otherwise specified. It is the responsibility of the owner to make sure that the final report contains the required information and is submitted to the DPW within one month from the sampling date or 180 days from the date of the permit issuance, whichever is earlier. The total number of tanks listed on the HMUSP or UP Permit and the yearly annual permit maintenance billing will remain unchanged until the closure report is received by the DPW. Only one copy of the closure report needs to be submitted unless otherwise directed.

10. All closure applications are site specific and may be subject to additional sampling and site characterization requirements as necessary to protect the public health and safety, underground and surface water supplies, and may include requirements, requested by Federal, State or other regulatory agencies.

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331
(626) 458-3517 Ronnie Iyer

CERTIFICATION OF COMPLIANCE WITH LOS ANGELES COUNTY LOBBYIST ORDINANCE

This is to certify that I, as permit applicant, for the project located at Irwindale
LOCATION ADDRESS

am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq., (relating to the Los Angeles County Lobbyist Ordinance) and all persons acting on behalf of myself have complied and will continue to comply therewith through the application process.

S. TARIQ HUSSAIN
APPLICANT (PRINT NAME)

APPLICANT SIGNATURE

URS / OWNER REP.
COMPANY NAME (If employed by an entity/agency)

3/11/03
DATE

CLOSURE -- UNDERGROUND STORAGE TANKS

CONDITIONS A -- GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer - Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3) business day advance notification.

   b. Permanent closure of a tank in place or a temporary closure shall require a 30 day written notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74-81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies include the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.

   b. The personnel shall be sufficiently skilled to safely carry out such operation.

   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.

   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B -- TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, "Abandonment or Removal of Underground Tanks," Part A and any other applicable Parts.

2. A temporary closure shall not exceed ~~90~~ 180 days.

CONDITIONS C -- PERMANENT TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tanks shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be backfilled and recompacted to a relative compaction of 90%.

CONDITIONS D -- PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test borings may be drilled vertically and the reason stated in the report in 2.h. below.

   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.

   c. For multiple tanks, as a minimum, borings shall be placed at 20 foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.

   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.

   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.

   f. Soil samples shall be capped immediately with teflon or aluminum.

   g. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.

   h. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the county's "Underground Storage of Hazardous Materials -- Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

DEPARTMENT OF PUBLIC WORKS
CLOSURE PERMIT
SOIL SAMPLING REQUIREMENTS FOR TANK REMOVALS
VOLATILE, SEMI-VOLATILE AND EXTREMELY HAZARDOUS MATERIALS

These requirements are in addition to those specified on the Closure Permit or supplemental forms.

Site integrity shall be demonstrated as indicated below prior to tank removals where the tank presently or previously contained either 1) a volatile or semi-volatile priority pollutant as defined by the Federal Register, Vol. 44, No. 233, December 3, 1979, (Revised 1981), or 2) any material which, as a waste, would be considered an extremely hazardous waste as defined by Title 22, California Administrative Code, Section 66680.

It is the Owners/operators responsibility to insure tanks are not excavated until site integrity has been determined and that all applicable safety measures are taken to protect all personnel at the removal site from exposure to hazardous materials. Owners/operators shall demonstrate site integrity as follows:

1. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test borings may be drilled vertically and the reason stated in the closure report.

2. For single tanks, a minimum of two test borings will be required, each located on opposite sides of both the major and the minor axis of the tank. The borings shall be as close as practicable to the tank.

3. For multiple tanks, as a minimum, borings shall be placed at 20 foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purpose of boring location and placement.

4. Samples shall be obtained under the direct supervision of a California Certified Engineering Geologist, California Registered Geologist or California Registered Civil Engineer with sufficient experience in soils.

5. Soil samples shall be obtained at depths of 5, 10, 20, 30 and 40 feet below grade level.

6. A Shelby Tube or a Modified California Sampler shall be utilized for obtaining all soil samples.

7. Soil samples shall be capped immediately with teflon or aluminum foil.

8. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a State certified laboratory for analysis, using suitable methods.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be properly developed and a groundwater sample shall be obtained. and analyzed.

10. All soil samples obtained shall be discrete, undisturbed, sealed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report. Samples submitted for laboratory analysis are not to be used for field screening.

11. The analytical results for all soil samples shall be expressed milligrams per kilogram (mg/kg), or micrograms per kilogram (ug/kg) as appropriate. Practical quantitation limits of 5-10 ug/kg (ppb) for volatile organics and 1 mg/kg (ppm) for the petroleum hydrocarbons must be achieved by the laboratory. Analytical results for groundwater samples shall be expressed in ug/l (ppb) and practical quantitation limits of .5-5ug/l (ppb) for volatile organics, and 1 mg/l (ppm) for petroleum hydrocarbons must be achieved by the laboratory.

12. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

13. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-Custody documentation shall be included in the final report.

Owners/operators can also demonstrate site integrity in the field using an organic vapor analyzer for head space analysis of soil samples obtained at boring and sampling locations and depths specified above. Alternative field demonstration methods may be acceptable if approved by this Department in advance. Field demonstrations shall not be substituted for the requirement of laboratory analysis.

Either the laboratory analytical results of soil/groundwater samples or the field demonstration results must be available to tank removal field personnel and this Department's inspector at the time the tank is removed.

Owners/operators must report the detection of an unauthorized release to this Department within 24 hours. If contamination is inadvertently found during excavation, backfill immediately and report the finding to this Department within 24 hours. If contamination is indicated by laboratory analysis or found in the field, a site characterization will be required.

UST1/CL205B 7/90

NOTICE TO CLOSURE PERMIT APPLICANTS

The South Coast Air Quality Management District (SCAQMD) has adopted Rule 1166 regulating emissions of Volatile Organic Compounds (VOC) from decontamination of soil effective **August 5, 1988.**

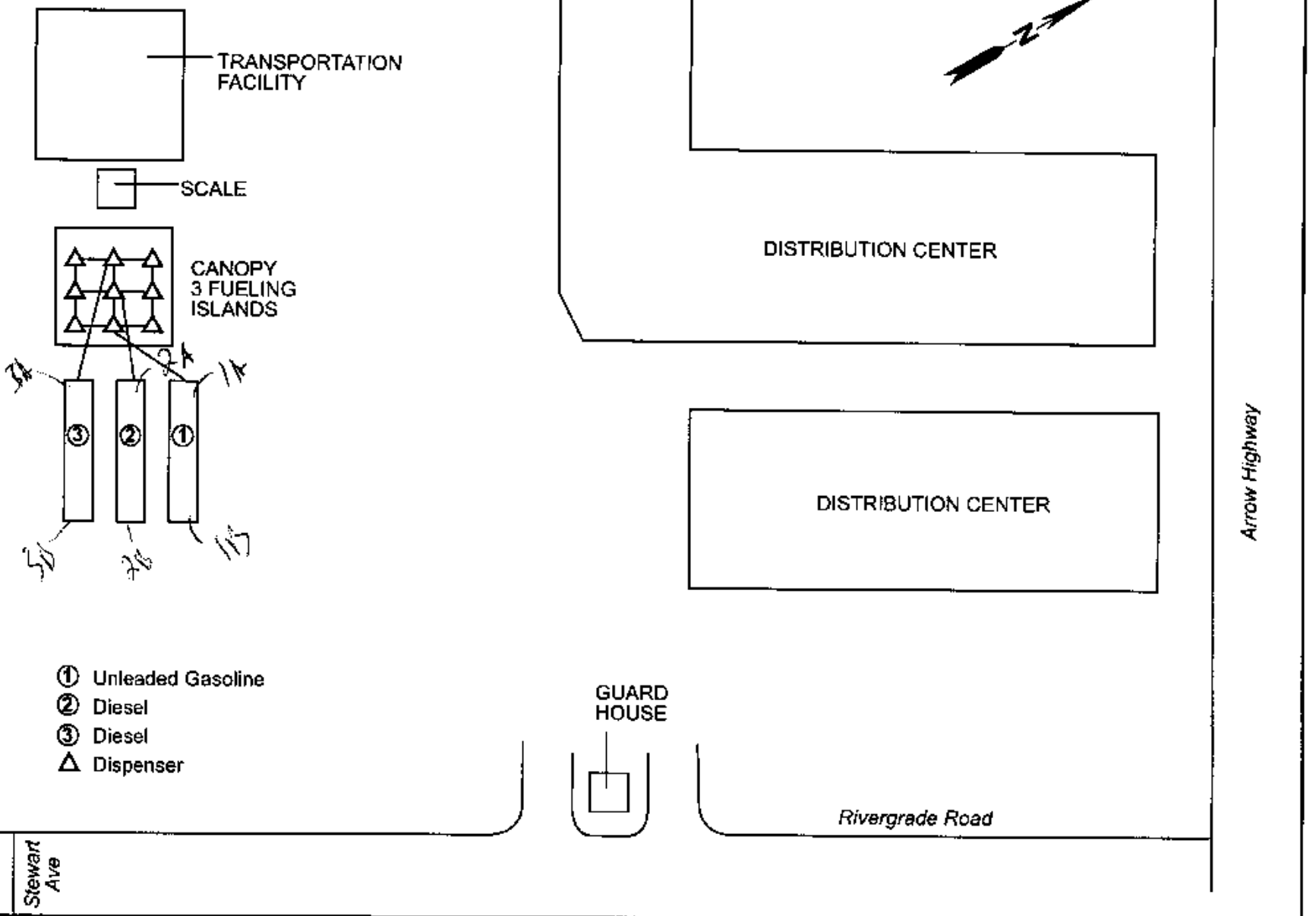
In addition to the requirements of your Closure Permit, persons excavating any underground storage tank that previously contained VOC's must:

- Notify the SCAQMD by telephone at (909) 396-2326 or by fax at (909) 396-3342 using the SCAQMD notification form 24 hours prior to tank excavation. 1166(c)(1)(A)
- Monitor the excavated material during the excavation for VOC contamination. 1166(c)(1)(B)
- When VOC contamination is detected:
  - Cease excavation.
  - Cover the contaminated soil until implementation of approved mitigation measures. 1166(c)(1)(C)
  - Notify the SCAQMD at (909) 396-2326 within 24 hours of detection of VOC contaminated soil. 1166(c)(2)(A)
- A person shall not engage in or allow any on-site or off-site spreading of VOC contaminated soil which results in uncontrolled evaporation of VOC to the atmosphere. 1166(c)(3)

Exemptions

- Treatment of less than one (1) cubic yard of contaminated soil. 1166(d)(1)(A)
- Decontamination of soil containing organic compounds that have initial boiling point of 302°F or greater. Reid Vapor Pressure less than 80mm Hg or Absolute Vapor Pressure less than 36mm Hg at 20°C. 1166(d)(1)(B),(F)
- Removal of soil for sampling purposes pursuant to EPA methods. 1166(d)(1)(C)
- Accidental spillage of five (5) gallons or less of VOC. 1166(d)(1)(D)
- Documentation of soil which is contaminated through natural seepage of VOC from oil and gas wells or other natural sources. 1166(d)(1)(E)

SPECIFIC QUESTIONS ON RULE 1166 SHOULD BE REFERRED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (909) 396-2326



SITE PLAN

Project No.: 16529697	Date: MARCH 2003	Project: FORMER HUGHES MARKET FACILITY 5305 RIVERGRANDE ROAD, IRWINDALE, CA

L:/hughes_bill/site plan.fh10 3/02

URS

CLOSURE PERMIT SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

Closure Permit
No.: 373090 B
File No.
I- 15636 38592

PART 1 OF 2

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 ft below	TPH(G)	8015 (M)
2A, 2B	tank invert	BTEX, MTBE	8260 B
3A, 3B		Fuel Oxygenates	
1 Sample	2-4 ft below	"	"
	every 20ft of piping	"	"
	Starting at dispenser		
1 Sample	2-4 ft below	"	"
	each dispenser	"	"

EPA Method 5035 shall be used for soil Sample collection, preparation and preservation

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Cont'd on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

5. The analytical results for all soil samples shall be expressed milligrams per kilogram (mg/kg), or micrograms per kilogram (ug/kg) as appropriate. Practical quantitation limits of 5-10 ug/kg (ppb) for volatile organics and 1 mg/kg (ppm) for the petroleum hydrocarbons must be achieved by the laboratory. Analytical results for groundwater samples shall be expressed in ug/l (ppb) and practical quantitation limits of .5-5 ug/l (ppb) for volatile organics, and 1 mg/l (ppm) for petroleum hydrocarbons must be achieved by the laboratory. Use Detection Limits set forth by the California Regional Water Quality Control Board

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determiantion; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever is earlier.

dn4/FPERMIT Rev. 3/90

ATTENTION CONTRACTOR

NOTIFICATION/PERMIT REQUIREMENTS

This Closure Authorization is issued subject to compliance with all applicable laws and regulations relating to the performance of work including, but not limited to, business license requirements, Building Codes, Fire Codes, Air Quality regulations, Health and Safety Codes, Water Codes, and Transportation regulations.

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Materials Underground Storage Closure Authorization, you are required to complete **ALL** of the agency notifications indicated below within the time period specified prior to commencement of work on this closure.

[X] 72 HOURS - DEPARTMENT OF PUBLIC WORKS WASTE CONTROL ENGINEERING INSPECTOR:

>>>Unless otherwise noted DPW inspectors are available at the following offices, Monday through Friday, between 8 a.m. and 9:30 a.m. **ONLY**.<<<

[ ] WHITTIER AREA - (562) 906-8426
13523 E. Telegraph Rd., Whittier, CA 90605-3437

[ ] CENTINELA VALLEY AREA - (310) 534-4862 or 534-4859
24320 S. Narbonne Ave., Lomita, CA 90717-1194

[ ] LENNOX AREA - (310) 534-4862 or 534-4859
24320 S. Narbonne Ave., Lomita, CA 90717-1194

[X] SAN GABRIEL VALLEY AREA - (626) 574-0962
125 S. Baldwin Ave., Arcadia, CA 91007-2652

[ ] SAN DIMAS AREA - (626) 574-0962
125 S. Baldwin Ave., Arcadia, CA 91007-2652

[ ] EAST LOS ANGELES AREA - (323) 260-3466
5119 E. Beverly Blvd., Los Angeles, CA 90022-3801

[ ] CITY OF COMMERCE - (323) 887-4456
2535 Commerce Way, Commerce, CA 90040-1487

[ ] NEWHALL AREA - (661) 222-2953
23757 W. Valencia Blvd., Santa Clarita, CA 91355-2192

[X] 48 HOURS (OR AS REQUIRED) - LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[X] City of Irwindale

[ ] Los Angeles County Fire Department

[X] 24 HOURS - SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Telephone: (909) 396-2326
Fax: (909) 396-3342

[X] COUNTY SERVES AS BUILDING OFFICIAL, SEE ATTACHED.

[ ] CITY SERVES AS BUILDING OFFICIAL.

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS, AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

Article 12. Electronic Submission of Laboratory Data for UST Reports

§2729. Definitions.

"COELT" is the Corps of Engineers Loading Tool program. It is a relational database application that is designed to run with the Microsoft Windows operating system. COELT places laboratory data into the standardized Electronic Deliverable Format (EDF). The program can accept Laboratory Information Management System (LIMS) data or manually entered data. COELT is intended to help the user enter data, find errors, and comply with the laboratory data requirements of the EDF data deliverable. COELT includes a report utility that allows hard copy laboratory reports to be printed that match the actual electronic data. For purposes of the requirements of this article, version 1.2a of COELT may be used. Programs (coelt.zip and coeltservicepack.zip) and documents (coeltmanual.zip and coeltsupplement12a.zip) for the version 1.2a of COELT are available at http://www.swrcb.ca.gov or from SWRCB at 1001 I Street, Sacramento, CA 95814.

"EDCC" means the Electronic Deliverable Consistency Checker program, which was developed for the Corps of Engineers. The EDCC program is run upon completion of an EDF report to produce an error report. This error report identifies problems within the given data set based upon the EDF database structure, guidelines and restrictions, and valid values. The error report also indicates the nature of each problem, so that the laboratory can correct it. For purposes of the requirements of this article, version 1.2a of EDCC shall be used. Programs (edcc.zip and edccservicepac1.zip) for the version 1.2a of EDCC are available at http://www.swrcb.ca.gov or from SWRCB at 1001 I Street, Sacramento, CA 95814.

"EDF" means the Electronic Deliverable Format that was developed for the United States Army Corps of Engineers. It is a data standard designed to facilitate the transfer of electronic data files from analytical laboratories to end-users. It is a relational database consisting of five files, related to one another through key fields. Laboratories can produce electronic documents in EDF using the COELT software or with other programs outside of COELT. The data components include the chain-of custody information, laboratory results, and quality assurance information. For purposes of the requirements of this article, version 1.2i of EDF shall be used. Specifications for version 1.2i of EDF (The Electronic Deliverable Format [EDF] Version 1.2i Guidelines & Restrictions dated April 2001 and Data Dictionary dated April 2001) are available at http://www.swrcb.ca.gov or from SWRCB at 1001 I Street, Sacramento, CA 95814.

"Report" means any document or item that is required for submission in order for a person to comply with a regulation, directive, or order issued by the state board, a regional board, or a local agency pursuant to a program administered by the state board, including but not limited to, any analysis of material by a laboratory that has accreditation or certification pursuant to Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code.

Authority cited: Section 13197.5, Water Code.
Reference: Section 13195(b), Water Code

Article 12. Electronic Submission of Laboratory Data for UST Reports

§2729.1. Electronic Submission of Laboratory Reports.

(a) If a report required to be submitted to the state board, a regional board, or a local agency pursuant to Chapter 6.7 (commencing with Section 25280) of Division 20 of the Health and Safety Code or Article 4 (commencing with Section 25299.36) of Chapter 6.75 of Division 20 of the Health and Safety Code contains laboratory data reporting soil or water chemistry analysis, such data shall also be submitted to the SWRCB Geographic Environmental Information Management System database using the EDF.

(b) Beginning January 1, 2002, any person submitting laboratory data in electronic format pursuant to these regulations shall specify for the location where the analyzed sample was collected: 1) the latitude and longitude of groundwater monitoring wells accurate to within one meter, and 2) the surveyed elevation relative to mean sea level of any groundwater monitoring well sampled.

(c) All data shall be checked for errors prior to submittal, using the EDCC software consistency checking tool. Electronic submittal of laboratory data over the Internet shall be in addition to hard-copy laboratory reports generated by either COELT or other laboratory software.

(d) Electronic submission of data generated by analysis of soil or water samples shall be required beginning on September 1, 2001.

Authority cited: Section 13197.5, Water Code.
Reference: Sections 13196(a), 13197.5(a), (c) and (d)(2), Water Code.

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY DIVISION

TO: APPLICANTS FOR THE REMOVAL OF UNDERGROUND STORAGE TANKS

When an underground storage tank is removed in the unincorporated area of Los Angeles County or one of the incorporated Cities where the County serves as the Building Official, a building permit (demolition permit) must be obtained before the tank is removed. The permit is issued by the County or City field office having jurisdiction over the area where the tank is located. A list of the field offices is attached for your reference.

To ensure that an over-the-counter permit can be issued, please bring the following to the appropriate County or City field office:

1. A copy of the closure permit issued by Waste Management Division.

2. A copy of the tank removal permit issued by the Fire Department.

3. A Certificate of Worker's Compensation Insurance addressed to the appropriate field office.

4. Permit and processing fees. Please call the office having jurisdiction for fee amounts if needed.

5. A plot plan showing the area of excavation and any structures on the site. Indicate whether or not the backfill will be compacted under the supervision of a Soils Engineer. (Some jurisdictions require the backfill to be compacted. If you are planning on placing uncompacted fill, check with the office having jurisdiction.)

Please be aware that a City business license may be required if the job is located in an incorporated City.

DIRECTORY OF THE COUNTY OF LOS ANGELES AND CONTRACT CITY BUILDING AND SAFETY OFFICES

Unless specifically indicated, all field offices are open 8 a.m. to 4:30 p.m., Monday through Friday, except legal Holidays*

CENTRAL OFFICE
900 South Fremont Avenue, 3rd Floor
Alhambra, CA 91803
FAX (626) 458-2861
Monday through Friday - 7 a.m. to 5 p.m. (Closed Fridays)

Building Plan Check Section (626) 458-3173
Electrical Section (626) 458-3180
Mechanical/Plumbing Section (626) 458-3182
Management and Field Support Section (626) 458-3188

Building Rehabilitation Section (626) 458-3193
Research/Structural Section (626) 458-3187
Grading and Drainage Section (626) 458-6390

COUNTY DISTRICT OFFICES

Bill Nuckolls, Acting
08.00+ ANTELOPE VALLEY #6-499◇
335A East Avenue K-6
Lancaster, CA 93535
(661) 723-4440 FAX (661) 723-4435

Soheila Kalhor
09.10+ CALABASAS/MALIBU #6-661◇
4111 North Las Virgenes Road
Calabasas, CA 91302
(818) 880-4150 FAX (818) 880-6279

Gary Nehrenberg
13.00+ CARSON (M-Th 7-6) #6-242◇
701 East Carson Street (Closed Friday)
Carson, CA 90745
(310) 952-1766 FAX (310) 549-0652

Joseph Gonzales
06.00+ EAST LOS ANGELES #6-027◇
5119 East Beverly Boulevard
Los Angeles, CA 90022
(323) 260-3450 FAX (323) 267-4422

Don Gwaltney
01.00+ FIRESTONE #6-126◇
7807 South Compton Avenue
Los Angeles, CA 90001
(323) 586-6541 FAX (323) 586-6526

Bruce Hooper
02.00+ LA PUENTE #6-686◇
16005 East Central Avenue
La Puente, CA 91744
(626) 961-9611 FAX (626) 961-8166

Lata Thakar
12.00+ LOMITA/LENNOX #6-110◇
24320 South Narbonne Avenue
Lomita, CA 90717
(310) 534-3760 FAX (310) 530-5482

Mazen Dudar
05.00+ SAN GABRIEL VALLEY #6-615◇
125 South Baldwin Avenue
Arcadia, CA 91007
(626) 574-0941 FAX (626) 446-4425

Richard Bagby
08.20+ SANTA CLARITA #6-470◇
23757 Valencia Boulevard
Valencia, CA 91355
(661) 222-2940 FAX (661) 222-2947

OB Thompson
04.00+ SOUTH WHITTIER #6-249◇
13523 Telegraph Road
Whittier, CA 90605
(562) 946-1390 FAX (562) 906-8425

Mark Young
09.00+ UNIVERSAL #6-016◇
100 Universal City Plaza - MT85 (Trailer)
Universal City, CA 91608 (Uninc. area only)
(818) 762-6284 FAX (818) 623-9829

CONTRACT CITY OFFICES

Jim Shih
04.09+ ARTESIA (8-10) #6-261◇
18747 Clarkdale Avenue
Artesia, CA 90701
(562) 865-6263 FAX (562) 865-6240

Gary Nehrenberg
12.05+ CARSON (M-Th 7-6) #6-242◇
701 East Carson Street (Closed Friday)
Carson, CA 90745
(310) 830-7600 FAX (310) 513-6243

Jim Shih
04.02+ CERRITOS (8-5) #6-258◇
18125 Bloomfield Avenue
Cerritos, CA 90703
(562) 860-0311 FAX (562) 916-1371

Frank Harris
08.01+ COMMERCE #6-180◇
2535 Commerce Way
Commerce, CA 90040
(323) 887-4455 FAX (323) 838-4240

Mazen Dudar
05.09+ DUARTE (M-Th 7:30-6) #6-139◇
1600 Huntington Drive (Closed Friday)
Duarte, CA 91010
(626) 357-7931 FAX (626) 358-0018

Bruce Hooper
02.03+ INDUSTRY #6-686◇
16005 East Central Avenue
La Puente, CA 91744
(626) 961-9611 FAX (626) 961-8166

Mazen Dudar
05.06+ IRWINDALE (M-Th 7-12) #6-687◇
5050 North Irwindale Avenue (Closed Friday)
Irwindale, CA 91706
(626) 430-2200 FAX (626) 962-2018

Ben Bartlett
03.01+ LA CANADA FLINTRIDGE (8-10) #6-637◇
1327 Foothill Boulevard
La Canada Flintridge, CA 91011
(818) 790-8651 FAX (818) 790-7536

Jim Shih
04.01+ LAKEWOOD (M-Th, Alt. F - 7-5:30) #6-234◇
5050 North Clarke Avenue (Closed Alt. Fridays)
Lakewood, CA 90712
(562) 866-9771 FAX (562) 866-0505

OB Thompson
04.08+ LA MIRADA (M-F 8-10, M-T - 4-5:30) #6-267◇
13700 South La Mirada Boulevard
La Mirada, CA 90638
(562) 943-0131 FAX (562) 943-1464

Lata Thakar
07.01+ LAWNDALE (7:30-11:30) #6-231◇
14717 South Burin Avenue
Lawndale, CA 90260
(310) 970-2100 FAX (310) 644-4556

Lata Thakar
12.04+ LOMITA #6-110◇
24320 South Narbonne Avenue
Lomita, CA 90717
(310) 534-3760 FAX (310) 530-5482

Lata Thakar
12.02+ ROLLING HILLS #6-110◇
24320 South Narbonne Avenue
Lomita, CA 90717
(310) 534-3760 FAX (562) 530-5480

Lata Thakar
12.03+ ROLLING HILLS ESTATES #6-110◇
24320 South Narbonne Avenue
Lomita, CA 90717
(310) 534-3760 FAX (310) 530-5482

John Riddle
04.05+ SANTA FE SPRINGS (8-4) #6-252◇
11710 East Telegraph Road
Santa Fe Springs, CA 90670
(562) 868-0511 FAX (562) 868-7112

Mazen Dudar
05.08+ TEMPLE CITY (8-12) #6-038◇
9701 Las Tunas Drive
Temple City, CA 91780
(626) 285-0486 FAX (626) 285-8192

Soheila Kalhor
09.02+ WESTLAKE VILLAGE #6-661◇
4111 North Las Virgenes Road
Calabasas, CA 91302
(818) 880-4150 FAX (818) 880-6279

*Inspector's office hours are 6-9 a.m. daily
+Office number
◇Speed dial number

dl
G-0P:\BSPUB\ADMIN\DDIAZ\FORMS\B&S DIRECTORY
11/05/01

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.

2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

3. Description of methods for obtaining, handling, and transporting samples.

4. Time and date samples were obtained.

5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for UST closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.

6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.

7. Disposal destination of tanks and evidence of legal disposal.

8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.

9. Documentation as to depth of groundwater at facility.

10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.

11. Evidence of legal disposal of soils designated as nonhazardous.

12. Any observations of site contamination.

13. Remedial action plan to mitigate contamination.

14. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.

Print Name S. Tariq Hussain

Signature _____ Date 8/11/03

FOR HMS UPDATE ONLY
VIOLATION CORRECTION WORKSHEET

File 15636-38592 Date: 5-2-03

Industry: THE REALTY ASSOCIATES FUND VI LP

Location: 5305 RIVERGRADE RD., IRWINDALE

Permit Number 373088 Date of Notice 2-14-03

Violation Number V 375743

Notice Type: [ ] Notice [ ] Notice of Non-Compliance
[ ] Notice of Violation and Order to Comply
[ ] Other _____

CORRECTIONS HAVE BEEN MADE FOLLOWING ISSUANCE OF THE SUBJECT NOTICE.

Comments: Filed for change of ownership, see A373085, TANKS pumped 2-19-03, manifest ATTACHED, As Built's submitted. Please clear Violation

Inspector: JOHN NELSON

FORMS\INSP.RPT

DION & SONS

ORDER DESK. (562) 432-3949 (714) 540-5535
ACCOUNTING (562) 432-3946
FAX (562) 432-7969

1543 W. 16TH STREET
LONG BEACH, CA 90813

BILL OF LADING

ORDER	[redacted]	165246
ORDER	[redacted]	02-19-03
[redacted]		02-20-03

PAGE 1

SOLD TO
00010
U.R.S
5305 RIVERGRADE
IRWINDALE, CA 91706

U.R.S
5305 RIVERGRADE
IRWINDALE, CA 91706

NEED 16 GAL STANDARD SUC

	BILL	COD
OUR TRUCK	CRAIG	02-19-03

THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY PENALTY FOR TAXABLE USE.
THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR AND CETANE INDEX OR AROMATIC CONTENT

1	GAL	31RED-00000	DIESEL FUEL 3, COMBUSTIBLE LIQUID, NA 1993 PG III NOT LEGAL FOR MOTOR VEHICLE PENALTY FOR TAXABLE USE DYED DIESEL NON TAX ONLY	0.000	0.0
			WET HOSE SERVICE		264.0
			SALES TAX 8.25%		21.

692 gallons

SOLVENT

REMOVE DIESEL FROM 2 UNDERGROUND TANKS DO NOT REMOVE GAS FROM UNDERGROUND TANK!!!!!
BILL SHRAM 214-392-8071 PAGER 888-460-2774
TIME IN 1:05 TIME OUT 1:50

	X					X [signature]	285.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per Dion & Sons.

DELIVERY COPY

EMERGENCY CONTACT NUMBER
(800) 633-8253

fax 626-446-4425

APPLICATION FOR TRANSFER
HAZARDOUS MATERIALS UNDERGROUND STORAGE TANK
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
Environmental Programs Division
P.O. Box 1460, Alhambra, CA 91803-1331
(626) 458-3517

DPW USE ONLY
APPLICATION NO. 373085 (ap50)
FILE NO. 15636-38572 R/C 35
DATE REC'D. 3/20/03 BY RLG

Pursuant to Los Angeles County Code, Title 11, Division 4, Section 11.80.170 and California Health and Safety Code, Division 20, Chapter 6.7, Section 25284 (c), application is hereby made for transfer of an existing Hazardous Materials Underground Storage Permit (HMUSP) to a new tank owner.

COMPLETE THE FOLLOWING:

New Facility Name THE REALTY ASSOCIATES FUND V LP.

Existing HMUSP or Unified Program (UP) Permit No. (If known) _____ Number of Tanks 3

Facility Address 5305 RIVERGRADE Rd. City Irwindale.

New Permittee (permit) _____

THE NEW PERMITTEE IS:

- ☒ Tank Owner and Operator - Fee Required
- ☐ Tank Owner Only - Fee Required
- ☐ Unified Program facility owner and operator (complete below) - Fee required
- ☐ Unified Program facility owner only - Fee required

IF OPERATOR IS NOT THE OWNER, AND IS NOT NAMED ON THE UNIFIED PROGRAM (UP) FACILITY PERMIT, COMPLETE THE FOLLOWING:

Tank Operator Name _____ Telephone ( ) _____

Tank Operator Address _____ State _____ Zip _____

No fee required to notify of operator change if that person is not replacing a person named in the Unified Program Permit.

This Application for Transfer must be accompanied by a completed and signed UP Facility form, or UP Tank Page 1 and Tank Page 2 forms, for each tank to be transferred.

APPLICATION FOR TRANSFER FEE **$213.00** ( ) CASH ( ) CHECK # _____

BY SIGNATURE BELOW; THE PERMIT TRANSFER APPLICANT ACKNOWLEDGES HAVING READ ALL CONDITIONS FOR TRANSFER ON THE REVERSE SIDE OF THIS FORM, AGREES TO COMPLY WITH THE CONDITIONS AND LIMITATIONS OF AND ASSUMES THE OBLIGATIONS OF THE HMUSP PERMIT FOR WHICH TRANSFER IS REQUESTED.

Signature [signature] Title OWNER, REP

Print Name S. Taigh Hossain Date 3/11/03

Complete Certification of Compliance with Los Angeles County Lobbyist Ordinance on back 38-0011 DPW Rev. 7/02

INSTRUCTIONS

Hazardous Materials Underground Storage Permit (HMUSP)Application Supplement

1. This Application for Transfer form is to be used only for the transfer of an existing HMUSP or underground storage tank authorized under a Unified Program (UP) Permit to a new owner or operator of a facility within the jurisdiction of the County of Los Angeles, Unified Hazardous Materials Program and the Department of Public Works (DPW).

2. The new owner or operator must complete and submit an Application for Transfer to DPW accompanied by a UP Facility form and the Transfer Fee within thirty (30) days of assumption of ownership or commencement of operation.

3. By applying for transfer of an existing HMUSP, the new owner or operator agrees to assume all obligations under the existing HMUSP including all fee installments, installation and maintenance of approved monitoring systems and reporting requirements. IT IS THE APPLICANTS RESPONSIBILITY TO DETERMINE IF DELINQUENT FEES OR SUBMITTALS ARE DUE FOR THE NAMED FACILITY.

4. In lieu of transfer, a new owner or operator may apply for a new HMUSP within thirty (30) days of the assumption of ownership without assuming the prior permittees obligations. Such submittal shall include: a) a completed and signed Department of Public Works Permit Application Supplement, b) UP Facility form, c) UP Tank Page 1 and UP Tank Page 2 forms for each tank, d) appropriate DPW application fee. Verification of safe storage may be required prior to issuing a new HMUSP.

5. The DPW may review and modify, or terminate, the transfer of a HMUSP if it is determined the facility is not providing or threatens not to provide safe storage.

6. The owner or operator of an underground storage facility shall monitor the facility using the method specified in the HMUSP. If the permittee of a facility is not the tank owner or operator, the permittee shall provide a copy of the HMUSP to both the owner and operator. If the permittee is a person other than the operator of the tank, that person shall do all of the following: a) enter into a written contract with the operator which requires the operator to monitor the tank(s) as set forth in the permit, b) provide the operator with a copy of California Health and Safety Code, Section 25299, and c) inform DPW within thirty (30) days of any change of operator.

7. The HMUSP annual maintenance fee will be billed to the tank owner named on the permit unless other specific arrangements have been approved by DPW and Los Angeles County Fire Department. Regardless of billing arrangements, the tank owner is responsible for insuring payment of all fees and compliance with all monitoring requirements.

CERTIFICATION OF COMPLIANCE WITH
LOS ANGELES COUNTY LOBBYIST ORDINANCE

This is to certify that I, as permit applicant, for the project located at Irwindale
LOCATION ADDRESS

am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq., (relating to the Los Angeles County Lobbyist Ordinance) and all persons acting on behalf of myself have complied and will continue to comply therewith through the application process.

S. Tariq Hasan
APPLICANT (PRINT NAME)

APPLICANT SIGNATURE

URS
COMPANY NAME (If employed by an entity/agency)

3/4/03
DATE

38-0011 DPW Rev. 7/02

U. IED PROGRAM CONSOLIDATED FOR ..

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 1

(two pages per tank)

Page ___ of ___

TYPE OF ACTION (Check one item only) ☐ 1 NEW SITE PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☐ 3 RENEWAL PERMIT (Specify reason – for local use only) (Specify reason – for local use only) ☒ 8 TANK REMOVED 430

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: Former Hughes Markets Facility

FACILITY ID: 1

LOCATION WITHIN SITE (Optional) 431: Transportation Facility – 5305 Riverside Road, Irwindale, Ca.

I. TANK DESCRIPTION (A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 432	TANK MANUFACTURER 433	COMPARTMENTALIZED TANK ☐ Yes ☒ No 434
1	Plasteel	If "Yes", complete one page for each compartment.
DATE INSTALLED (YEAR/MO) 435	TANK CAPACITY IN GALLONS 436	NUMBER OF COMPARTMENTS 437
1992 / May	12,000	0

ADDITIONAL DESCRIPTION (For local use only) 438

II. TANK CONTENTS

TANK USE 439
☒ 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☒ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MIDGRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441

CAS# (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☐ 95. UNKNOWN
☒ 2. DOUBLE WALL ☐ 4. SIGNLE WALL IN VAULT ☐ 99. OTHER

TANK MATERIAL – primary tank (Check one item only) 444
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☒ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL – secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3 FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☒ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER ☐ 10. COATED STEEL
☐ 5 CONCRETE

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN
☐ 2 ALKYD LINING ☐ 4 PHENOLIC LINING ☒ 6 UNLINED ☐ 99 OTHER
DATE INSTALLED 447 ____ (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only) 448
☐ 1 MANUFACTURED CATHODIC PROTECTION ☒ 3 FIBERGLASS REINFORCED PLASTIC ☐ 95 UNKNOWN
☐ 2 SACRIFICIAL ANODE ☐ 4 IMPRESSED CURRENT ☐ 99 OTHER
DATE INSTALLED 449 ____ (For local use only)

SPILL AND OVERFILL (Check all that apply) YEAR INSTALLED 1992 450 TYPE (local use only) 451
☒ 1 SPILL CONTAINMENT
☒ 2 DROP TUBE
☒ 3 STRIKER PLATE

OVERFILL PROTECTION EQUIPMENT YEAR INSTALLED 452
☒ 1 ALARM ☒ 3 FILL TUBE SHUT OFF VALVE
☐ 2 BALL FLOAT ☐ 4 EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency.)

IF SINGLE WALL TANK (Check all that apply) 453
☐ 1 VISUAL (EXPOSED PORTION ONLY)
☐ 2 AUTOMATIC TANK GAUGING (ATG)
☐ 3 CONTINUOUS ATG
☐ 4 STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING
☐ 5 MANUAL TANK GAUGING (MTG)
☐ 6 VADOSE ZONE
☐ 7 GROUNDWATER
☐ 8 TANK TESTING
☐ 99 OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454
☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
☒ 2 CONTINUOUS INTERSTITIAL MONITORING
☐ 3 MANUAL MONITORING

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) 455	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456	TANK FILLED WITH INERT MATERIAL? 457
	____ gallons	☐ Yes ☐ No

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

Page __ of __

UNDERGROUND PIPING		ABOVEGROUND PIPING	
SYSTEM TYPE ☒ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458		☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459	
CONSTRUCTION ☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460		☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462	
MANUFACTURER ☒ 2. DOUBLE WALL ☐ 95. UNKNOWN		☐ 2. DOUBLE WALL ☐ 99. OTHER	
MANUFACTURER A.O. Smith 461		MANUFACTURER 463	
☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE w/100% METHANOL		☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE w/100% METHANOL	
☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ Unknown		☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL	
☐ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 99. Other		☐ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER	
☒ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE)		☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION	
☐ 5. STEEL W/COATING ☐ 9. CATHODIC PROTECTION 464		☐ 5. STEEL W/COATING ☐ 95. UNKNOWN 465	

VII. PIPING LEAK DETECTION (Check all that apply) (A description of the monitoring program shall be submitted to the local agency.)

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

CONVENTIONAL SUCTION SYSTEMS

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUNDPIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

☒ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS

☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION

☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS (Check all that apply)

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM

☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING)

☐ 7. SELF MONITORING

GRAVITY FLOW (Check all that apply):

☐ 8. DAILY VISUAL MONITORING

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS

☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION

☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK DETECTOR

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT

DATE INSTALLED 468

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE

☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS

☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS

☒ 4. DAILY VISUAL CHECK

☐ 5. TRENCH LINER / MONITORING

☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR Edwin Schramm - Agent for Owner/Operator

DATE 3/7/03 470

NAME OF OWNER/OPERATOR (print) Edwin Schramm - Agent for Owner/Operator 471

TITLE OF OWNER/OPERATOR Project Manager 472

Permit Number (For local use only) 473 Permit Approved (For local use only) / 474 Permit Expiration Date (For local use only) 475

IFIED PROGRAM CONSOLIDATED FO[illegible] 1

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 1

(two pages per tank)

Page ___ of ___

TYPE OF ACTION (Check one item only) ☐ 1 NEW SITE PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☐ 3 RENEWAL PERMIT (Specify reason – for local use only) (Specify reason – for local use only) ☒ 8 TANK REMOVED 430

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: Former Hughes Markets Facility

FACILITY ID:

LOCATION WITHIN SITE (Optional) 431: Transportation Facility – 5305 Riverside Road Irwindale, Ca.

I. TANK DESCRIPTION (A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 432	TANK MANUFACTURER 433	COMPARTMENTALIZED TANK ☐ Yes ☒ No 434
2	Plasteel	If "Yes", complete one page for each compartment
DATE INSTALLED (YEAR/MO) 435	TANK CAPACITY IN GALLONS 436	NUMBER OF COMPARTMENTS 437
1992 / May	12,000	0

ADDITIONAL DESCRIPTION (For local use only) 438

II. TANK CONTENTS

TANK USE 439
☒ 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3 CHEMICAL PRODUCT
☐ 4 HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5 JET FUEL
☐ 1b. PREMIUM UNLEADED ☒ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MIDGRADE UNLEADED ☐ 4 GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441

CAS# (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☐ 95. UNKNOWN
☒ 2. DOUBLE WALL ☐ 4. SIGNLE WALL IN VAULT ☐ 99. OTHER

TANK MATERIAL – primary tank (Check one item only) 444
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☒ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8 FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL – secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☒ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN
☐ 2 ALKYD LINING ☐ 4 PHENOLIC LINING ☒ 6 UNLINED ☐ 99 OTHER

DATE INSTALLED 447 ___ (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only) 448
☐ 1 MANUFACTURED CATHODIC PROTECTION ☒ 3 FIBERGLASS REINFORCED PLASTIC ☐ 95 UNKNOWN
☐ 2 SACRIFICIAL ANODE ☐ 4 IMPRESSED CURRENT ☐ 99 OTHER

DATE INSTALLED 449 ___ (For local use only)

SPILL AND OVERFILL (Check all that apply) YEAR INSTALLED 1992 450 TYPE (local use only) 451
☒ 1 SPILL CONTAINMENT
☒ 2 DROP TUBE
☒ 3 STRIKER PLATE

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☒ 1 ALARM ☒ 3 FILL TUBE SHUT OFF VALVE
☐ 2 BALL FLOAT ☐ 4 EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency.)

IF SINGLE WALL TANK (Check all that apply) 453
☐ 1 VISUAL (EXPOSED PORTION ONLY)
☐ 2 AUTOMATIC TANK GAUGING (ATG)
☐ 3 CONTINUOUS ATG
☐ 4 STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING
☐ 5 MANUAL TANK GAUGING (MTG)
☐ 6 VADOSE ZONE
☐ 7 GROUNDWATER
☐ 8 TANK TESTING
☐ 99 OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454
☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
☒ 2 CONTINUOUS INTERSTITIAL MONITORING
☐ 3 MANUAL MONITORING

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) 455	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456	TANK FILLED WITH INERT MATERIAL? 457
	___ gallons	☐ Yes ☐ No

UST - Tank Page 1

Formerly SWRCB Form B

Complete the UST - Tank pages for each tank for all new permits, permit changes, closures and/or any other tank information change. This page must be submitted within 30 days of permit or facility information changes, unless approval is required before making any changes. For compartmentalized tanks, each compartment is considered a separate tank and requires completion of separate tank pages.

Refer to 23 CCR §2711 for state UST information and permit application requirements.

(Note: the numbering of the instructions follows the data element numbers that are on the UPCF pages. These data element numbers are used for electronic submission and are the same as the numbering used in 27 CCR, Appendix C, the Business Section of the Unified Program Data Dictionary.)

Please number all pages of your submittal. This helps your CUPA or local agency identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER - Leave this blank. This number is assigned by the CUPA. This is the unique number which identifies your facility.
3. BUSINESS NAME - Enter the full legal name of the business.

430. TYPE OF ACTION - Check the reason the page is being completed. For amended permits and change of information, include a short statement to direct the inspector to the amendment or changed information.
431. LOCATION WITHIN SITE - Enter the location of the tank within the site.
432. TANK ID NUMBER - Enter the owner's tank ID number. This is a unique number used to identify the tank. It may be assigned by the owner or by the CUPA.
433. TANK MANUFACTURER - Enter the name of the company that manufactured the tank.
434. COMPARTMENTALIZED TANK - Check whether or not the tank is compartmentalized. Each compartment is considered a separate tank and requires the completion of separate tank pages.
435. DATE TANK INSTALLED - Enter the year and month the tank was installed.
436. TANK CAPACITY - Enter the tank capacity in gallons.
437. NUMBER OF TANK COMPARTMENTS - If the tank is compartmentalized, enter the number of compartments.
438. ADDITIONAL DESCRIPTION - Use this space for additional tank or location description.
439. TANK USE - Check the substance stored. If MOTOR VEHICLE FUEL, check box 1 and complete item 440, PETROLEUM TYPE.
440. PETROLEUM TYPE - If box 1 is checked in item 439, check the type of fuel.
441. COMMON NAME - For substances that are not motor vehicle fuels (box 1 is NOT checked in item 439), enter the common name of the substance stored in the tank.
442. CAS # - For substances that are not motor vehicle fuels (box 1 is NOT checked in item 439), enter the CAS (Chemical Abstract Service) number. This is the same as the CAS # in item 209 on the Hazardous Materials Inventory - Chemical Description page.
443. TYPE OF TANK - Check the type of tank construction. If type of tank is not listed, check "other" and enter type.
444. TANK MATERIAL (PRIMARY TANK) - Check the construction material of the tank that comes into immediate contact on its inner surface with the hazardous substance being contained. If the tank is lined do not reference the lining material in this item. Indicate the type of lining material in item 446. If type of tank material is not listed, check "other" and enter material.
445. TANK MATERIAL (SECONDARY TANK) - Check the construction material of the tank that provides the level of containment external to, and separate from, the primary containment. If type of tank material is not listed, check "other" and enter material.
446. TANK INTERIOR LINING OR COATING - If applicable, check the construction material of the interior lining or coating of the tank. If type of interior lining or coating is not listed, check "other" and enter type.
447. DATE TANK INTERIOR LINING INSTALLED - If applicable, enter the date the tank interior lining was installed. This is to assist the CUPA to develop an inspection schedule.
448. OTHER TANK CORROSION PROTECTION - If applicable, check the other tank corrosion protection method used. If other corrosion protection method is not listed, check "other" and enter method.
449. DATE TANK CORROSION PROTECTION INSTALLED - If applicable, enter the date the tank corrosion protection method was installed. This is to assist the CUPA to develop an inspection schedule.
450. YEAR SPILL AND OVERFILL INSTALLED - Check the appropriate box and enter the year in which spill containment, drop tube, and/or striker plate was installed. CHECK ALL THAT APPLY.
451. TYPE OF SPILL PROTECTION - Enter the type of spill containment, drop tube, and/or striker plate. FOR CUPA USE ONLY.
452. YEAR OVERFILL PROTECTION EQUIPMENT INSTALLED - Check the appropriate box and enter the year in which overfill protection was installed or whether there is an exemption from overfill protection. CHECK ALL THAT APPLY, unless tank is exempt.
453. TANK LEAK DETECTION (SINGLE WALL) - For single walled tanks, check the leak detection system(s) used to comply with the monitoring requirements for the tank. CHECK ALL THAT APPLY. If leak detection system is not listed, check "other" and enter system.
454. TANK LEAK DETECTION (DOUBLE WALL) - For double walled tanks or tanks with bladder, check the leak detection system(s) used to comply with the monitoring requirements for the tank. CHECK ONE ITEM ONLY.
455. ESTIMATED DATE LAST USED - For closure in place, enter the date the tank was last used.
456. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN TANK - For closure in place, enter the estimated quantity of hazardous substance remaining in the tank (in gallons).
457. TANK FILLED WITH INERT MATERIAL - For closure in place, check whether or not the tank was filled with an inert material prior to closure.

ATTACHMENTS -

1. Provide a scaled plot plan with the location of the UST system, including buildings and landmarks.
2. Provide a description of the monitoring program.

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

Page __ of __

	UNDERGROUND PIPING				ABOVEGROUND PIPING			
SYSTEM TYPE	☒ 1. PRESSURE	☐ 2. SUCTION	☐ 3. GRAVITY	458	☐ 1. PRESSURE	☐ 2 SUCTION	☐ 3. GRAVITY	459
CONSTRUCTION	☐ 1. SINGLE WALL	☐ 3. LINED TRENCH	☐ 99. OTHER	460	☐ 1. SINGLE WALL	☐ 95. UNKNOWN		462
MANUFACTURER	☒ 2. DOUBLE WALL	☐ 95. UNKNOWN			☐ 2 DOUBLE WALL	☐ 99 OTHER		
MANUFACTURER	A.O. Smith			461	MANUFACTURER			463

UNDERGROUND PIPING			ABOVEGROUND PIPING		
☐ 1. BARE STEEL	☐ 6. FRP COMPATIBLE w/100% METHANOL		☐ 1. BARE STEEL	☐ 6. FRP COMPATIBLE w/100% METHANOL	
☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL	☐ Unknown	☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL	
☐ 3. PLASTIC COMPATIBLE W/ CONTENTS		☐ 99. Other	☐ 3. PLASTIC COMPATIBLE W/ CONTENTS	☐ 8. FLEXIBLE (HDPE)	☐ 99. OTHER
☒ 4. FIBERGLASS	☐ 8. FLEXIBLE (HDPE)		☐ 4. FIBERGLASS	☐ 9. CATHODIC PROTECTION	
☐ 5. STEEL W/COATING	☐ 9. CATHODIC PROTECTION	464	☐ 5. STEEL W/COATING	☐ 95. UNKNOWN	465

VII. PIPING LEAK DETECTION (Check all that apply) (A description of the monitoring program shall be submitted to the local agency.)

UNDERGROUND PIPING	ABOVEGROUND PIPING
SINGLE WALL PIPING 466	**SINGLE WALL PIPING** 467
PRESSURIZED PIPING (Check all that apply):	PRESSURIZED PIPING (Check all that apply):
☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.	☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.
☐ 2. MONTHLY 0.2 GPH TEST	☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0 1GPH)	☐ 3. ANNUAL INTEGRITY TEST (0 1GPH)
	☐ 4. DAILY VISUAL CHECK
CONVENTIONAL SUCTION SYSTEMS	CONVENTIONAL SUCTION SYSTEMS (Check all that apply)
☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)	☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
SAFE SUCTION SYSTEMS (NO VALUES IN BELOW GROUNDPIPING):	☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)
☐ 7. SELF MONITORING	SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):
GRAVITY FLOW	☐ 7. SELF MONITORING
☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)	GRAVITY FLOW (Check all that apply):
	☐ 8. DAILY VISUAL MONITORING
	☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)
SECONDARILY CONTAINED PIPING	**SECONDARILY CONTAINED PIPING**
PRESSURIZED PIPING (Check all that apply):	PRESSURIZED PIPING (Check all that apply):
10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)	10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
☒ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS	☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION	☐ b AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
☐ c. NO AUTO PUMP SHUT OFF	☐ c NO AUTO PUMP SHUT OFF
☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION	☐ 11. AUTOMATIC LEAK DETECTOR
☐ 12. ANNUAL INTEGRITY TEST (0 1 GPH)	☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)
SUCTION/GRAVITY SYSTEM	SUCTION/GRAVITY SYSTEM
☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS	☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS
EMERGENCY GENERATORS ONLY (Check all that apply)	**EMERGENCY GENERATORS ONLY** (Check all that apply)
☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS	☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION	☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)
☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)	☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)
☐ 17. DAILY VISUAL CHECK	☐ 17 DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT
DATE INSTALLED 468

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
☒ 4. DAILY VISUAL CHECK
☐ 5. TRENCH LINER / MONITORING
☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR: Edwin Schramm - Agent for Owner/Operator
DATE: 3/7/03 470

NAME OF OWNER/OPERATOR (print): Edwin Schramm - Agent for Owner/Operator 471
TITLE OF OWNER/OPERATOR: Project Manager 472

Permit Number (For local use only) 473 | Permit Approved (For local use only) 474 | Permit Expiration Date (For local use only) 475

(Note: the numbering of the instructions follows the data element numbers that are on the UPCF pages. These data element numbers are used for electronic submission and are the same as the numbering used in 27 CCR, Appendix C, the Business Section of the Unified Program Data Dictionary.)

Please number all pages of your submittal. This helps your CUPA or local agency identify whether the submittal is complete and if any pages are separated.

458. PIPING SYSTEM TYPE (UNDERGROUND) - For items 458 and 459, check the tank's piping system
459. PIPING SYSTEM TYPE (ABOVEGROUND) information. CHECK ALL THAT APPLY.

460. PIPING CONSTRUCTION (UNDERGROUND) - Check the tank's piping construction information. CHECK ALL THAT APPLY.

461. PIPING MANUFACTURER (UNDERGROUND) - Enter the name of the piping manufacturer.

462. PIPING CONSTRUCTION (ABOVEGROUND) - Check the tank's piping construction information. CHECK ALL THAT APPLY.

463. PIPING MANUFACTURER (ABOVEGROUND) - Enter the name of the piping manufacturer.

464. PIPING MATERIAL AND CORROSION PROTECTION (UNDERGROUND) - For items 464 and 465, check the
465. PIPING MATERIAL AND CORROSION PROTECTION (ABOVEGROUND) tank's piping material and corrosion protection.

466. PIPING LEAK DETECTION (UNDERGROUND) - For items 466 and 467, check the leak detection system(s) used
467. PIPING LEAK DETECTION (ABOVEGROUND) to comply with the monitoring requirements for the piping.

468. DATE DISPENSER CONTAINMENT INSTALLED - If applicable, enter the date that dispenser containment was installed.

469. DISPENSER CONTAINMENT TYPE - Check the type of dispenser containment monitoring system.

SIGNATURE OF OWNER/OPERATOR - The owner or agent of the owner shall sign in the space provided. This signature certifies that the signer believes that all the information submitted is true and accurate.

470. DATE CERTIFIED - Enter the date the page was signed.

471. OWNER/ OPERATOR NAME - Print the name of signatory.

472. OWNER/ OPERATOR TITLE - Enter the title of the person signing the page.

473. PERMIT NUMBER - Leave this blank, this number is assigned by the CUPA.

474. PERMIT APPROVED BY - Leave this blank, this is the name of the person approving the permit.

475. PERMIT EXPIRATION DATE - Leave this blank, this is completed by the CUPA.

...IFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 1

(two pages per tank)

Page ___ of ___

TYPE OF ACTION (Check one item only) ☐ 1 NEW SITE PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☐ 3 RENEWAL PERMIT (Specify reason – for local use only) (Specify reason – for local use only) ☒ 8 TANK REMOVED 430

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: Former Hughes Markets Facility

FACILITY ID: 1

LOCATION WITHIN SITE (Optional) 431: Transportation Facility – 5305 Riverside Road, Irwindale, Ca.

I. TANK DESCRIPTION (A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 432	TANK MANUFACTURER 433	COMPARTMENTALIZED TANK ☐ Yes ☒ No 434
5	Plasteel	If "Yes", complete one page for each compartment.
DATE INSTALLED (YEAR/MO) 435	TANK CAPACITY IN GALLONS 436	NUMBER OF COMPARTMENTS 437
1992 / May	12,000	0

ADDITIONAL DESCRIPTION (For local use only) 438

II. TANK CONTENTS

TANK USE 439
- ☒ 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type)
- ☐ 2. NON-FUEL PETROLEUM
- ☐ 3. CHEMICAL PRODUCT
- ☐ 4. HAZARDOUS WASTE (Includes Used Oil)
- ☐ 95. UNKNOWN

PETROLEUM TYPE 440
- ☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
- ☐ 1b. PREMIUM UNLEADED ☒ 3. DIESEL ☐ 6. AVIATION FUEL
- ☐ 1c. MIDGRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (From Hazardous Materials Inventory page) 441

CAS# (From Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
- ☐ 1. SINGLE WALL
- ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER
- ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
- ☐ 95. UNKNOWN
- ☒ 2. DOUBLE WALL
- ☐ 4 SIGNLE WALL IN VAULT
- ☐ 99. OTHER

TANK MATERIAL – primary tank (Check one item only) 444
- ☐ 1. BARE STEEL
- ☐ 3. FIBERGLASS / PLASTIC
- ☐ 5. CONCRETE
- ☐ 95. UNKNOWN
- ☐ 2. STAINLESS STEEL
- ☒ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP)
- ☐ 8. FRP COMPTIBLE W/100% METHANOL
- ☐ 99. OTHER

TANK MATERIAL – secondary tank (Check one item only) 445
- ☐ 1. BARE STEEL
- ☐ 3. FIBERGLASS / PLASTIC
- ☐ 5. CONCRETE
- ☐ 95. UNKNOWN
- ☐ 2. STAINLESS STEEL
- ☒ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP)
- ☐ 8. FRP COMPTIBLE W/100% METHANOL
- ☐ 99. OTHER
- ☐ 10. COATED STEEL
- ☐ 5. CONCRETE

TANK INTERIOR LINING OR COATING (Check one item only) 446
- ☐ 1. RUBBER LINED
- ☐ 3. EPOXY LINING
- ☐ 5. GLASS LINING
- ☐ 95. UNKNOWN
- ☐ 2 ALKYD LINING
- ☐ 4 PHENOLIC LINING
- ☒ 6 UNLINED
- ☐ 99 OTHER

DATE INSTALLED 447 (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only) 448
- ☐ 1 MANUFACTURED CATHODIC PROTECTION
- ☒ 3 FIBERGLASS REINFORCED PLASTIC
- ☐ 95 UNKNOWN
- ☐ 2 SACRIFICIAL ANODE
- ☐ 4 IMPRESSED CURRENT
- ☐ 99 OTHER

DATE INSTALLED 449 (For local use only)

SPILL AND OVERFILL (Check all that apply) YEAR INSTALLED 1992 450 TYPE (local use only) 451
- ☒ 1 SPILL CONTAINMENT
- ☒ 2 DROP TUBE
- ☒ 3 STRIKER PLATE

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
- ☒ 1 ALARM
- ☒ 3 FILL TUBE SHUT OFF VALVE
- ☐ 2 BALL FLOAT
- ☐ 4 EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency.)

IF SINGLE WALL TANK (Check all that apply) 453
- ☐ 1 VISUAL (EXPOSED PORTION ONLY)
- ☐ 2 AUTOMATIC TANK GAUGING (ATG)
- ☐ 3 CONTINUOUS ATG
- ☐ 4 STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING
- ☐ 5 MANUAL TANK GAUGING (MTG)
- ☐ 6 VADOSE ZONE
- ☐ 7 GROUNDWATER
- ☐ 8 TANK TESTING
- ☐ 99 OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454
- ☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
- ☒ 2 CONTINUOUS INTERSTITIAL MONITORING
- ☐ 3 MANUAL MONITORING

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) 455	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456	TANK FILLED WITH INERT MATERIAL? 457
	_____ gallons	☐ Yes ☐ No

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

Page __ of __

UNDERGROUND PIPING		ABOVEGROUND PIPING	
SYSTEM TYPE ☒ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458		☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459	
CONSTRUCTION ☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460		☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462	
MANUFACTURER ☒ 2. DOUBLE WALL ☐ 95. UNKNOWN		☐ 2. DOUBLE WALL ☐ 99. OTHER	
MANUFACTURER A.O. Smith 461		MANUFACTURER 463	
☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/100% METHANOL		☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/100% METHANOL	
☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ Unknown		☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL	
☐ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 99. Other		☐ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER	
☒ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE)		☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION	
☐ 5. STEEL W/COATING ☐ 9. CATHODIC PROTECTION 464		☐ 5. STEEL W/COATING ☐ 95. UNKNOWN 465	

VII. PIPING LEAK DETECTION (Check all that apply) (A description of the monitoring program shall be submitted to the local agency.)

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

CONVENTIONAL SUCTION SYSTEMS

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUNDPIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

☒ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS

☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION

☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS (Check all that apply)

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM

☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW (Check all that apply):

☐ 8. DAILY VISUAL MONITORING

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

☐ a AUTO PUMP SHUT OFF WHEN A LEAK OCCURS

☐ b AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION

☐ c NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK DETECTOR

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT

DATE INSTALLED 468

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE

☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS

☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS

☒ 4. DAILY VISUAL CHECK

☐ 5. TRENCH LINER / MONITORING

☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR Agent for Owner/Operator 470

DATE 3/7/03

NAME OF OWNER/OPERATOR (print) Edwin Schramm - Agent for Owner/Operator 471

TITLE OF OWNER/OPERATOR Project Manager 472

Permit Number (For local use only) 473

Permit Approved (For local use only) 474

Permit Expiration Date (For local use only) 475

L.A. COUNTY DPW — HAZARDOUS MATERIALS SYSTEM — REPORT: PWB150.002
DATE COMPILED: 06/25/99 — TANKS INSPECTION JOB ORDER — INSP#: I000340429
RUN DATE: 02/28/02 18:53:40 — SCHEDULED INSPECTIONS — ASSC#: P00006298T
PAGE: 1

CA5636-058592 — The Realty Associates Fund VLP

FILE #: ~~015425-016787~~ NAME: ~~HUGHES MARKET INC~~
ADD: 14005 E LIVE OAK AVE
IRWINDALE, CA 91706-1323 AREA: 3S SMD: 95
XSTREET: ARROW HWY THOMAS GUIDE: 0598-B2
CONTACT: PARSONEAULT, NORB TEL: 805 581 0561

PROC: SAMPLE REQUIRED? N

INSP INFO: CERT #21502

PERM TYPE: T O TANK OPERATING PERMIT # OF TANKS: 3 STATUS: PERMITTED

	FREQUENCY	LAST PERFORMED	NEXT DUE
INSPECTION	12		03/25/02
SAMPLE			
SELF-MONITOR			

ASSGN TO: SAN GABRIEL VLY FIELD OFFICE SECT: FIELD INSPECTION UNIT

TANK #	OWNER TANK ID #	CAPACITY (GAL)	CONTENTS
001	1	12,000	REGULAR UNLEADED GASOLINE
CON:	DOUBLE WALL		LDS: CONTINUOUS INTERSTITAL MONITOR
002	2	12,000	DIESEL
CON:	DOUBLE WALL		LDS: CONTINUOUS INTERSTITAL MONITOR
003	3	12,000	DIESEL
CON:	DOUBLE WALL		LDS: CONTINUOUS INTERSTITAL MONITOR

==========

RESULTS: NOTICE issued for fluid in Sumps, boots not back on piping, NOVC issued to certify monitor immediately or pump tanks, failure to test Secondary Containment, change of owner, file for T. Closure

REMARKS: TANKS are located at 5305 Rivergrade Rd (site 15636) see file update Consent to inspect – TARIQ HUSSAIN, URS Corp., representative for WOHC Property Group

INSPECTOR: JOHN NIELSON/ INSPECTION DATE: 2-14-03

DISP: FCII [redacted] W1

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
HAZARDOUS MATERIAL UNDERGROUND STORAGE INSPECTION

HMS UPDATE
BY
DATE
INSP#
-HQ USE ONLY-

BUSINESS NAME: WOHL Property Group SITE/FILE: New site, new file
STREET NO.: 5305 FR: DR: NAME: Riverdale SF: RD UNIT:
CITY: IRWINDALE ZIP: 91706 - TG: 578 B2
XSTREET: Civic Oak Ave. CONTACT: Emil Wohl TEL: 949 489 4480
CERT. NO. 21502 DISPLAYED [ ] YES [ ] NO DROPTUBE TAGS IN PLACE [ ] YES [ ] NO

UST OWNER NAME: WOHL Property Group [X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP
[ ] GOV. AGENCY [ ] OTHER
IS UST OWNER THE OPERATOR? [X] YES [ ] NO: OPERATORS NAME: Same
MAILING NAME: Same ADDRESS: 30200 Rancho Viejo Rd Suite C
CITY: San Juan Capistrano CA ZIP: 92675 - TEL: 949 489 4480

CONSENT TO INSPECT: [X] YES [ ] NO
CONTACT: TARIQ HUSSAIN TITLE: Program mgr. TEL.: 714 835 6886

INVENTORY RECONCILIATION:	YES	NO	N/A
1. Inventory records complete	[ ]	[ ]	[X]
2. Allowable variations exceeded	[ ]	[ ]	[X]
3. Product dipstick in good condition	[ ]	[ ]	[X]
4. Water/Gas indicating paste utilized	[ ]	[ ]	[X]

UST AND PIPING:			
1. UST and piping locations and configurations consistent with approved plans	[X]	[ ]	[ ]
2. Precision tank integrity test records reviewed: Date last tested 11/95			
3. Corrosion protection system installed	[ ]	[ ]	[X]
Date last maintenance certification			
4. Overfill protection/flapper installed	[X]	[ ]	[ ]
5. Dispenser spill box installed no boxes on sat. disp.	[X]	[ ]	[ ]

MONITORING SYSTEM:			
1. Identify method of monitoring/leak detection: TLS 350			
2. Establish procedures for alarm notification	[ ]	[ ]	[ ]
3. Monitoring tapes/read-out reviewed	[ ]	[ ]	[ ]
4. Self-diagnostic or calibration program performed	[ ]	[ ]	[ ]
Date last maintenance certification 6-31-00			

MONITORING WELLS:			
1. Wells located per approved plan	[ ]	[ ]	[X]
2. Wells properly surface sealed and clearly marked	[ ]	[ ]	[X]

ON-SITE RECORDS:			
1. Last 12 months leak detection records	[ ]	[X]	[ ]
2. Copy of performance claims (third party certification) for leak detection method	[ ]	[X]	[ ]
3. Tank and/or associated piping system repairs	[ ]	[X]	[ ]
4. Tank and/or piping leak detection system maintenance (last 12 months)	[ ]	[X]	[ ]
5. Certification of financial responsibility (petroleum sites only)	[ ]	[X]	[ ]

Location of records if not on-site _____

OTHER:

OUTSIDE OPERATIONS:

SURFACE RUNOFF: _____

CORRECTIVE ACTION REQUIRED:

1. Remove fluid from Diesel dispenser pans.
2. Remove fluid from Turbine sumps
3. Pull piping back on unleaded & South Diesel
4.

[X] Pursuant to Los Angeles County Code, Title 11, Division 4, §11.64.020, correction of the above conditions is required within 30 days from the date of this notice. Upon completion of corrective action, contact the undersigned at (626) 574-0482 between 8:00 a.m. and 9:30 p.m. for compliance verification.

By: John Nelson Date 2/14/03
Inspector, Environmental Programs Division

The undersigned hereby acknowledges receipt of a copy of this report and/or Notice:

Name Tariq Hussain
Title Owners Rep Date 2/14/03

LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

NOTICE OF NON-COMPLIANCE

V 373743

Date 2-14-03 Permit

Owner/Operator WOHL Property Group Site/File 015636-038592

Site Name SAME (THE REALTY ASSOC. FUND VLP)

Site Address 5305 Rivergrade Rd. City, Zip IRWINDALE 91706

Mailing Address 30200 Rancho Viejo Rd. Ste C City, Zip San Juan Capistrano

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous materials underground storage tanks (USTs) which are violations of California Health and Safety Code (CH&SC) Chapter 6.7; Los Angeles County Code (LACC), Title 11, Division 4 and/or the conditions and limitations of the above permit.

Your Attention is directed to your non-compliance with the Notice issued on: NO FIRST NOTICE
Violation No.: V_____.

YOU ARE HEREBY DIRECTED to submit to the office indicated below, the following items checked:

☐ ~~OPERATING WITHOUT A COMPLIANCE CERTIFICATE~~

~~YOU ARE HEREBY DIRECTED to submit the following items checked on the attached COMPLIANCE CERTIFICATE CHECKLIST. Please note that the USTs installed prior to 2001 are not required to submit the Secondary Containment Test Results.~~

☒ OPERATING WITHOUT AN OPERATION MONITORING SYSTEM

YOU ARE HEREBY DIRECTED to have the monitoring system and the USTs certified immediately and the results received by this office no later than 2-21-03 or the contents of all underground storage tank systems are to be removed within this time period.

☐ UNREGISTERED TANKS

YOU ARE HEREBY DIRECTED to submit the following items checked on the attached UNREGISTERED TANK CHECKLIST and/or COMPLIANCE CERTIFICATE CHECKLIST

☐ ADDITIONS/MODIFICATIONS TO THE UNDERGROUND STORAGE TANK FACILITY

- ☐ Complete and sign the Application for Modification (green form).*
- ☐ An application fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ A letter indicating all of the additions/modifications.*
- ☐ Four (4) sets of plans indicating the location of all additions/modification

☒ OPERATING WITHOUT A PERMIT DUE TO A CHANGE OF OWNERSHIP

- ☒ Complete and sign the Transfer of Ownership Application (yellow form). *
- ☒ An application fee of $ TBD payable to the County of Los Angeles Department of Public Works.
- ☒ Complete and sign the Unified Program (UP) Form - Underground Storage Tanks Facility. * (You must include the Board of Equalization Number)
- ☒ Complete and sign the Certificate of Financial Responsibility Form
- ☒ Provide Monitoring System Certification, which is current (preformed within the last 12 months).

☒ OUT OF SERVICE UNDERGROUND STORAGE TANKS

Immediately remove all residual liquids, solids, or sludge stored within the USTs to a legal disposal facility.

- ☒ Complete, and sign the Application for Closure.* Temporary
- ☒ An Application for Closure fee of $ TBD payable to the County of Los Angeles Department of Public Works.
- ☐ Complete and sign Permit Application Supplemental/Notice to File.
- ☐ Complete and sign the Unified Program (UP) Form - Underground Storage Tank Facility. * (You must include the Board of Equalization Number)
- ☐ Complete and sign the Unified Program (UP) Form-Tank (Both pages).*
- ☐ An Operating Permit Application fee of $_____ payable to the County of Los Angeles, Department of Public Works.
- ☐ Submit an Annual Permit Maintenance fee of $_____ payable to the County of Los Angeles Department of Public Works.

☒ ALTERNATELY, pump tanks immediately, which will then not require monitor certification

☒ FAILURE to test tanks per SB489, TEST immediately

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date on this Notice, unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5,000, or by one year in county jail or both.

If you have any questions regarding this matter, please contact JOHN NELSON, Monday through Friday, 8 a.m. to 9:30 a.m. at ( ) 626-574-0962 FAX 626-446-4425

JAMES A. NOYES
Director of Public Works

By: JOHN NELSON
Environmental Programs Division

Return requested items to the office below:

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
125 S. BALDWIN AVE
ARCADIA, CA 91007-2652

Receipt of Notice acknowledged by TARIQ HUSSAIN (PRINT NAME) [signature] (SIGNATURE) OWNER REP (TITLE)

All forms must be signed by the UST owner/operator.

NONC doc 12/03/2002

HUGHES TRUCK STOP
5305 RIVERGRADE RD
IRWINDALE CA

FEB 14. 2003 6:00 AM

INVENTORY REPORT

T 1:UNLEAD
VOLUME = 8 GALS
ULLAGE = 11619 GALS
90% ULLAGE= 10456 GALS
TC VOLUME = 8 GALS
HEIGHT = 0.67 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 72.8 DEG F

T 2:DIESEL
VOLUME = 548 GALS
ULLAGE = 11079 GALS
90% ULLAGE= 9916 GALS
TC VOLUME = 545 GALS
HEIGHT = 9.11 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 72.9 DEG F

T 3:DIESEL
VOLUME = 621 GALS
ULLAGE = 11006 GALS
90% ULLAGE= 9843 GALS
TC VOLUME = 616 GALS
HEIGHT = 9.89 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 73.4 DEG F

* * * * * END * * * * *

HUGHES TRUCK STOP
5305 RIVERGRADE RD
IRWINDALE CA

FEB 14. 2003 2:17 PM

SYSTEM STATUS REPORT

T 1:LOW PRODUCT ALARM

T 1:DELIVERY NEEDED

T 2:LOW PRODUCT ALARM

T 2:DELIVERY NEEDED

T 3:LOW PRODUCT ALARM

T 3:DELIVERY NEEDED

L 1:FUEL ALARM

L 3:FUEL ALARM

L 6:FUEL ALARM

TRANS: FILE HMS FILE DISPLAY/UPDATE
PROG: HMC050

ACTION: A (A)DD (C)HANGE (D)ELETE (B)ROWSE
FILE #: 15636 033597 NAME: WOHL Property Group SEC? _ STAT:
STREET #: FR: DR: NAME: SF: UN:
CITY: ZIP: AREA: TEL: 949 489 4480
XSTREET: RES/TR?
BUS TYPE: ___ OWN TYPE: ___
FIN RESP: EQUAL #:
MAIL NAME: WOHL Property Group
MAIL AD1: 30200 RANCHO VIEJO RD. Suite C AD2:
CITY: SAN JUAN CAPISTRANO ST: CA ZIP: 92675 TEL: 949 489 4480

CONTACTS: PRIMARY DAY: Emil J. WOHL ext. 402 TEL: 949 489 4480
NGT: TEL: ___ ___ ___
SECONDARY DAY: TEL: ___ ___ ___
NGT: TEL: ___ ___ ___
OF EMP: FULL TIME: ___ PART TIME: ___ BUS YRS: ___

IW CT: TANK CT: ADD DT: CLUP? N
ACT IW CT: ACT TANK CT:
LAST TRAN/DATE/OPER:
(C) COPYRIGHT 1991, COUNTY OF LOS ANGELES, ALL RIGHTS RESERVED

NOTE: THIS site is currently listed AS 14005 E. LIVE OAK AVE., IRWINDALE (site 15425). The TANKS are located at 5305 Rivergrade RD., IRWINDALE (site 15636).

URS

February 21, 2003

John Nelson
Los Angeles County Department Of Public Works
Environmental Programs Division
900 South Freemont Avenue
Alhambra, CA 91803-1331

SUBJECT: 5305 Divergrade Road, Irwindale CA 91706

Dear Mr. Nelson,

In response to your letter of non-compliance on the subject property, dated 2/14/03. We have pumped out the three final tanks on 2/20/03. The tanks are now empty to the extent possible. Supporting documentation is attached.

Sincerely,

URS Corporation

S. Tariq Hussain
Project Manager

Attachment

URS Corporation
2020 East First Street, Suite 400
Santa Ana, California 92705
Tel: 7146.835.6886
Fax: 714.667.7147

H:\LADW\Ltr.dot

DION & SONS

ORDER DESK (562) 432-3948 (714) 540-5535
ACCOUNTING (562) 432-3946
FAX (562) 432-7868

1543 W. 16TH STREET
LONG BEACH, CA 90813

BILL OF LADING

ORDER	165246
ORDER	02-19-03
	02-20-03

PAGE 1

SOLD TO
00010
U.R.S
9305 RIVERGRADE
IRWINDALE, CA 91706

U.R.S
9305 RIVERGRADE
IRWINDALE, CA 91706

	BILL	COD	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY PENALTY FOR TAXABLE USE.
OUR TRUCK	TOAIG	02-19-03	THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR AND CETANE INDEX OR AROMATIC CONTENT

1	GAL	31RED-00000	DIESEL FUEL 3, COMBUSTIBLE LIQUID, NA 1993 PG III NOT LEGAL FOR MOTOR VEHICLE PENALTY FOR TAXABLE USE DYED DIESEL NON TAX ONLY	0.000	0.0
			WET HOSE SERVICE		264.0
			SALES TAX 8.25%		21.7

642 gallons

REMOVE DIESEL FROM 2 UNDERGROUND TANKS DO NOT REMOVE GAS
FROM UNDERGROUND TANK !!!!!
BILL BRIAN 213-392-8071 PAGER 888-460-2774
TIME IN 1:05 TIME OUT 1:30

X X 285.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per Dion & Sons.

DELIVERY COPY

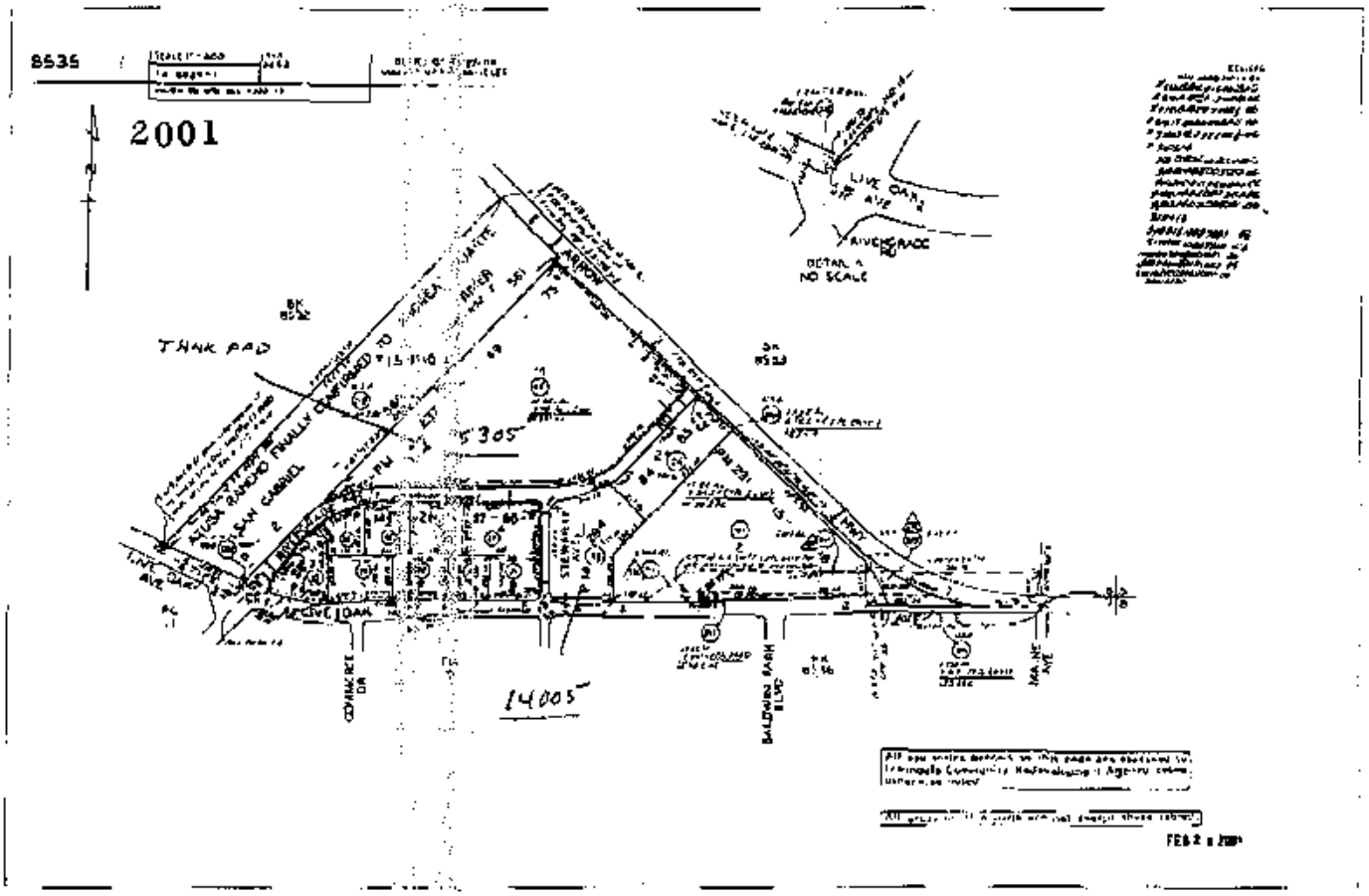
EMERGENCY CONTACT NUMBER
(800) 633-8253

fax 626-446-4425

MetroScan / L.A. Full County (CA)

Owner	: Realty Assocs Fund V			*Parcel*	: 8535 001 022
CoOwner	:			*Land*	: $8,531,280
Site	: 5305 Rivergrade Rd Irwindale 91706			*Struct*	: $18,000,433
Mail	: 5305 Rivergrade Rd Irwindale Ca 91706			*Other*	:
Xfered	: 03/03/2000			*Total*	: $26,531,713
Price	:	*Doc#*	: 327539	*% Improvd*	: 68
Lender	:	*Deed*	Grant Deed	*% Owned*	: 100
Loan Amt	:	*Loan*	:	*Exempt*	:
VestType	:	*IntTyp*	:	*Type*	:
Use	: 3330 Ind,Warehousing,Distribution			*TaxArea*	: 05382
Zoning	: M2ir			02-03 *Tx*	: $780,200.25
SubPlat	:			*OwnerPh*	:
Legal	: PARCEL MAP 237-69-72 LOT 14			*TenantPh*	:
Census	: *Tract* 4046.00 *Blk* : 9			*MapGrid*	: 598 B2

Bedrooms	:	*Bldg Sq Ft*	: 636,006	*Lot Acres*	: 27.00
Bathrooms	:	*Bldg Class*	:	*Lot Sq Ft*	: 1,176,120
Living Rm	:	*Bldg Cond*	:	*Air Method*	:
Fireplace	:	*Bldg Grade*	: Good	*HeatMethod*	:
Patio	:	*Bldg Style*	:	*Roof Mail*	:
Pool	:	*Qlty Class*	: C	*Hill Slope*	:
Stories	:	*Garage Sp*	:	*View*	:
Units	:	*GarageType*	:	*Year Built*	: 1992



Information comes from various sources. Real Estate Solutions makes no representations or warranties as to the accuracy or completeness of information contained in this report.

GENERAL GRADING NOTES

1. All work shall be done in accordance with Chapter 70 of the Los Angeles County Building Code, 1980 Edition.

2. The owner or authorized representative shall not permit any grading on any site to start before the grading plan is approved by the Building Official and a permit authorizing grading has been issued. A copy of the approved grading plan shall be available at the site at all times during grading operations and a competent person, as evidenced by prior experience, shall be employed by the owner to supervise the grading operations.

3. The Soils Engineer shall provide sufficient inspection during the preparation of the natural ground and the placement and compaction of fill to be satisfied that the work is being performed in accordance with the plan and applicable code requirements.

4. All vegetation shall be stripped and removed from the site. No fill shall be placed until stripping of vegetation, removal of unsuitable soils and construction of subdrains (if any) has been inspected and approved by the Soils Engineer. Unsuitable material shall be removed from the site at the contractor's expense.

5. No rocks or similar irregular pieces larger than 12 inches in diameter shall be placed in the fill unless recommendations for such placement have been submitted by the Soils Engineer in advance and approved by the Building Official.

6. Sufficient tests of the fill soils shall be made to adequately test density thereof.

   a. One test for each two foot lift of vertical fill.

   b. One test for each 1000 cubic yards of imported placed.

   c. One test at the location of the final fill slope for each building site (lot) in each two foot vertical lift or portion thereof.

   d. One test in the vicinity of each building and for each two foot vertical lift or portion thereof.

   Sufficient tests of fill soils shall be made to verify compliance of the soil properties with the design requirements including soil types and shear strengths.
   The results of such testing shall be reviewed in the reports required by Chapter 70, 7016(b).
   Field density shall be determined by a method acceptable to the Building Official, 7016(c).

7. Estimated starting date: 10/01/91

   Estimated completion date: 1/31/92

8. A soil report prepared by PROFESSIONAL SERVICES INC., and any supplemental addendum thereof shall be completed a part of these plans. Such shall be performed in accordance with the recommendations outlined in said report.

9. Contractor shall secure and pay for grading permit prior to commencing any grading work.

10. The permittee or his agent shall notify the Building Official or have an engineer or geologist in charge of required inspection at following stages of the work:

    a. Initial. When the site has been cleared of vegetation and unapproved fill and a bench has been cut, keyed and otherwise prepared for fill. No fill shall have been placed prior to this inspection.

    b. Rough. When approximate final elevations have been established, drainage terraces, decks and berms installed and the statements required by Section 7008(d) have been received.

    c. Final. When grading has been completed, all drainage devices installed, slope planting established, required irrigation systems installed and the as-graded plans and required statements and reports have been submitted.

11. In addition to the inspection required of the Building Official, the owner shall employ a competent person to perform all of the duties imposed upon him by Section 7008 of the Building Code in accordance with Sections 87030 and 87031.

12. No piping of a designed irrigation system for full coverage of all planting of the permit shall be submitted and approved prior to rough grading approval by the County Inspector. Slope shall be rough graded to within up to 24 feet high when shown on the plans. Prior to the placement of the irrigation system and to that all portions of the slope shall be compacted to the finish grades approved and required by higher slopes.

13. Continuous inspection by the Soils Engineer or his responsible representative will be provided during all fill placement over approximately 5 feet in depth. Inspection when the fill is greater than 20 feet in a single surface elevation.

14. All cut and fill slopes shall be protected with an approved ground cover, planting, and/or other slope stabilization method as soon as practical after rough grading is completed. Such slopes shall be planted with shrubs spaced at intervals not to exceed 10 feet or with trees spaced at intervals not to exceed 30 feet. Plant material shall be selected and planted in a manner approved by the Building Official so that adequate coverage and screening will be provided within one year. Irrigation shall be installed as the Building Official may approve prior to planting. Slopes that contain or are adjacent to natural areas shall be planted with materials that will blend with the existing natural vegetation. Consideration shall be given to deep-rooted plants requiring little water, the maximum use of native plants, and the conservation of water.

15. Any modifications of or changes in approved grading plans must be approved by the Building Official.

16. A copy of the grading permit shall be in the possession of a responsible person and available on the site.

17. Provisions shall be taken for nuisance-free dust control.

18. A preventive program to protect the streets from pedestrian damage from surfacing material is required. Failure to inspect, repair and maintain the streets in a safe condition during and at the completion of work shall empower an inspector(s) to halt operations.

19. All fill materials shall be placed in level layers not to exceed 8 inches in thickness. Each layer shall be brought to optimum moisture content and compacted by means of a sheepsfoot roller or other equipment approved by the Engineer.

20. The required fill work on a non-sensitive area approved by the Soils Engineer prior to use in compacted fill areas.

21. Soils Engineer shall set grade stakes for all drainage controls and inspection shall be required before construction.

22. Prior to issuance of building permits, the Soils Engineer shall submit a report on the compaction properties of soils as used within the building area.

23. Maximum cut and fill slopes shall be 2:1.

24. The existing topography as indicated on these plans shall be utilized as the basis for all contours computations. Such topography shall be considered to be accurate to all intermediate points unless a deviation is found prior to the grading of an area, in which case the deviation as determined shall be submitted to the inspector before proceeding.

25. Permission shall be secured from the County of Los Angeles, City of Hermosa and H.C.F.C. Army Corps of Engineers for construction, grading and/or drainage of drainage areas within right-of-way.

26. Roof drainage shall be diverted away from all graded slopes.

27. Finish grading will be completed and approved and slope planting irrigation systems installed before occupancy of buildings.

28. The Contractor agrees that he shall assume sole and complete responsibility for job conditions during the course of construction of this project, including the safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify and hold the City and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the City or the Engineer.

29. Prior to commencing work, a permit to operate in the City shall be obtained from the Fire Department. Telephone (213)881-2401 for information.

30. All grubbed slope shall have drainage devices, berms and other drainage devices approved on site rough grading stage.

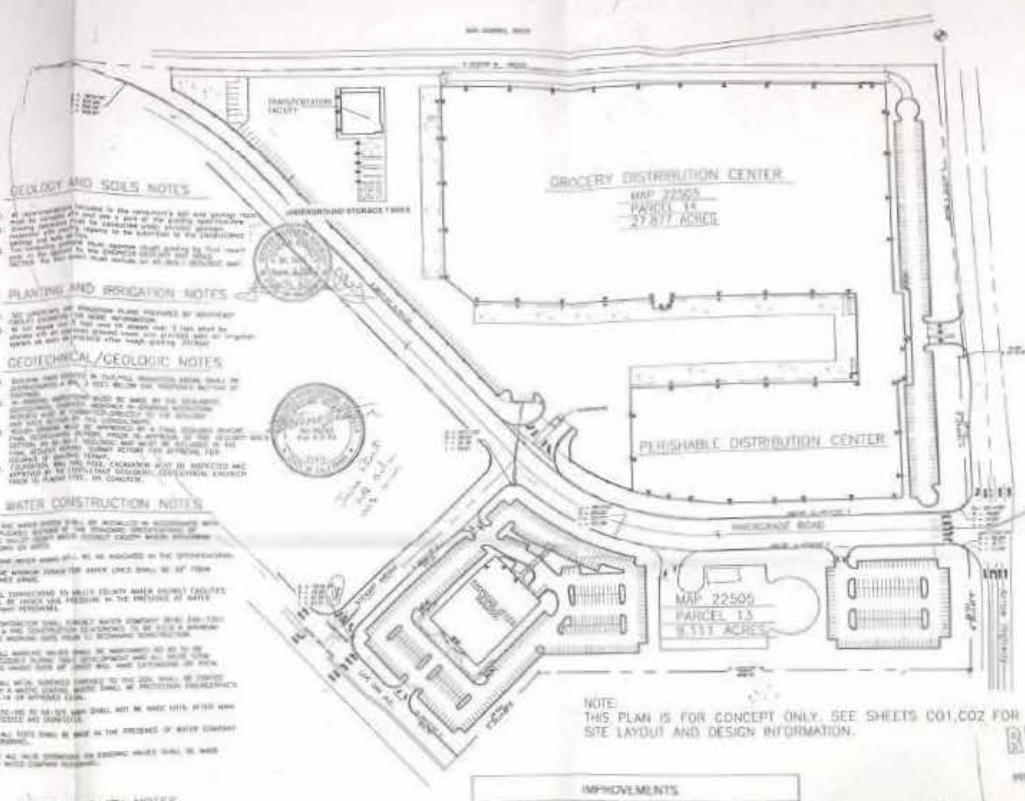
31. All storm drains shall be done under continuous inspection by the Field Engineer. Weekly status reports shall be submitted by the Field Engineer to the Soils Engineer and Building Official.

32. Final grading shall be required before occupancy of any buildings are to be allowed. Building Official.

33. Temporary drains for permanently drainage and erosion control measures as approved by the Building Official shall be maintained until the permanent drainage and erosion control devices are in operation. Such temporary drainage and erosion control measures shall be removed or modified as required by the Building Official.

34. The grading contractor shall submit the as-graded report required by Section 7017 of the completion of rough grading.

BENCHMARK
LOS ANGELES COUNTY MONUMENT W/PUNCHED 2" BRASS STAMPED "L.A.C.O.R.D. 1950" PER PARCEL MAP #22152, PARCEL MAP BOOK 231/ 15-18.



NOTE:
THIS PLAN IS FOR CONCEPT ONLY. SEE SHEETS C01,C02 FOR SITE LAYOUT AND DESIGN INFORMATION.

GEOLOGY AND SOILS NOTES

1. All recommendations contained in the consultant's soil and geology report must be complied with and are a part of the grading specifications.
2. Grading permit is required to be submitted to the Department of Building and Safety.
3. Geotechnical progress report signed by the soils engineer shall be submitted to the Building Official at the completion of rough grading. Such report shall include all soil tests, density test, etc.

PLANTING AND IRRIGATION NOTES

1. Soil conditions and irrigation plans (features by landscape consultant) shall be made available.
2. All cut slopes over 5 feet and fill slopes over 3 feet shall be planted with approved drought tolerant plants within 60 days of completion of rough grading. (7014(e))

GEOTECHNICAL/GEOLOGIC NOTES

1. Building pads subject to cut/fill transitions shall be over-excavated a min. 3 feet below the proposed bottom of footings.
2. All footings shall be founded in the engineered compacted fill mat.
3. Footings shall be reinforced to allow for differential movement.
4. Slopes shall be constructed at a final gradient which shall not be steeper than 2:1 (horizontal to vertical).
5. Foundation and retaining wall design criteria shall be as per the recommendations of the consultant geologist.
6. Foundation excavations shall be inspected and approved by the consultant geologist prior to placing concrete.

WATER CONSTRUCTION NOTES

1. The water system shall be constructed in accordance with the applicable standards of the California Water Service Company and the South Coast Water District (South Bay Division).
2. Fire hydrant locations will be as indicated on the approved plans.
3. The minimum cover for water lines shall be 42" from finished grade.
4. All connections to water system facilities shall be made only in the presence of water company personnel.
5. Contractor shall contact water company (916) 536-7301 for a pre-construction conference to be held at least 48 hours prior to commencement of construction.
6. All materials used shall be manufactured to conform to the specifications of the water company and shall be subject to their approval. Any deviation from approved plans must be approved by the water company.
7. All metal surfaces exposed to the soil shall be coated with a water coating meeting shall be protected encasement.
8. No use of substitute materials shall be made without written approval.
9. All tests shall be made in the presence of water company personnel.

GENERAL UTILITY NOTES

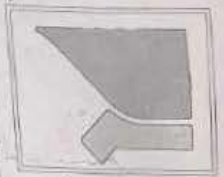
1. Contractor shall notify the utility service agency at 1-800-422-4133 or (916) 923-2444 prior to start of construction.
2. It shall be the responsibility of the contractor to locate all substructures, whether shown hereon or not, and protect same from damage.
3. The contractor shall notify the city engineer and all utility companies concerned at least 48 hours prior to the commencement of construction. It shall be the responsibility of the contractor to coordinate the work of the various companies involved so that service may be maintained to all customers during construction.
4. Existing utilities shall be abandoned in place or the contractor shall remove.
5. All relocations, abandonments, modifications and other construction to be performed on the existing improvements shall be coordinated by the owner of the improvement. The time allowed for location at the existing improvements.
6. Utility locations were obtained from records available. Records do not guarantee that all utilities are shown and the contractor shall be responsible for determining the exact location of all existing utilities before commencing work.
7. All work in the vicinity of existing utilities, both within city streets and those within easements, shall be done in accordance with the requirements of the utility involved.

CITY ENGINEER SHALL APPROVE THE GRADING FOR DRAINAGE PRIOR TO ISSUANCE OF A PERMIT

IMPROVEMENTS
OFFICE SITE
DISTRIBUTION CENTER



VICINITY MAP



KEY MAP

LEGEND
CURB AND GUTTER
CHAIN LINK FENCE
DECORATIVE FENCE
PROPERTY LINE
CONCRETE
DIRECTION OF TRAFFIC FLOW

INDEX

MASTER SITE PLAN	MP1
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RIBUTION CENTER SITE PLAN	C02
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RIBUTION CENTER GRADING PLAN	C04
ITY UTILITY PLAN	C05
RIBUTION CENTER UTILITY PLAN	C06
DETAILS	C07
NG/DRAINAGE DETAILS	C08
W DETAILS	C09
/SANITARY SEWER PROFILES	C10
ION CONTROL PLAN	C11
ION CONTROL PLAN	C12

PPLICANT'S COPY

RELEASED FOR PERMIT
DATE 6-2-92 BY

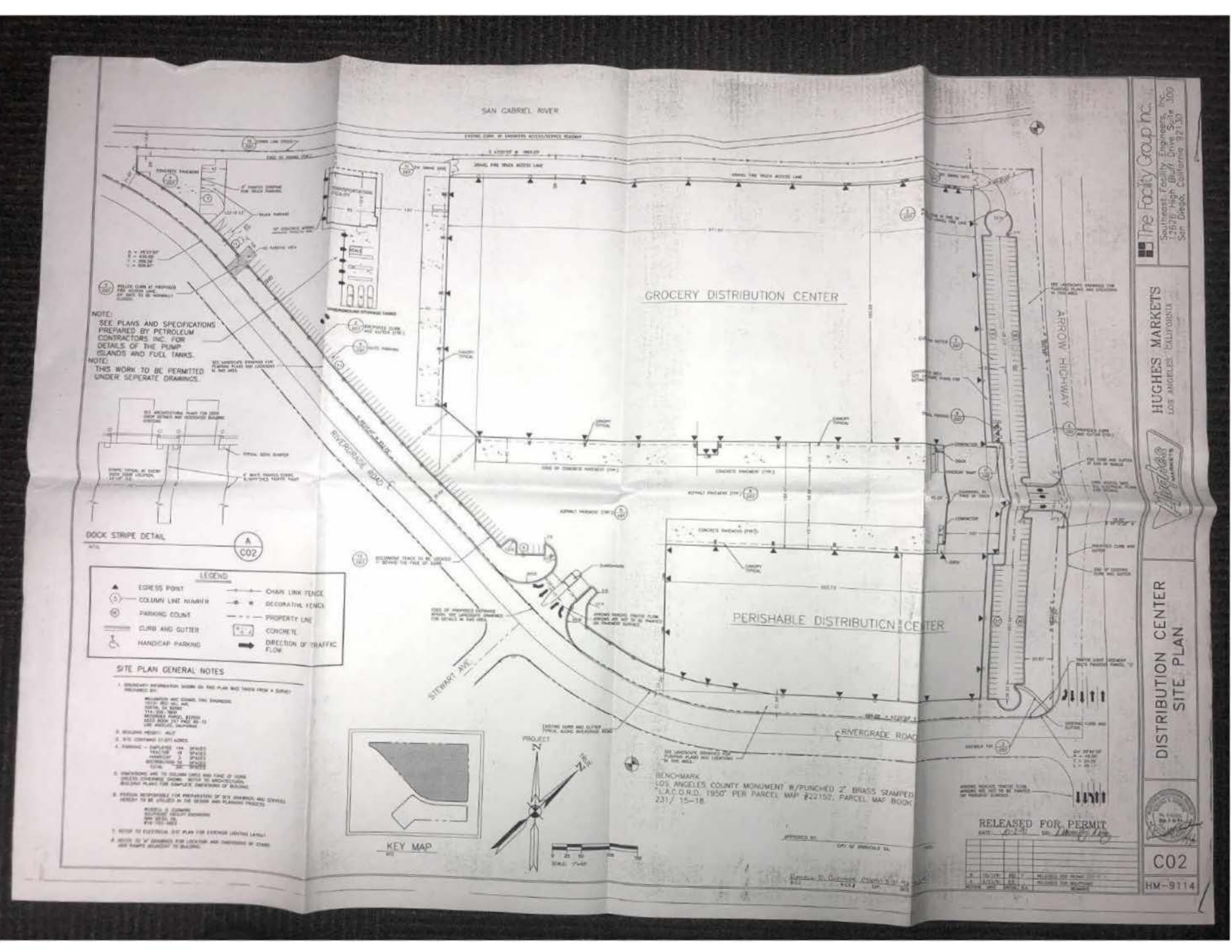
NO.	DATE	BY	REVISED PER PLANCHECK
1	4/15/92	EG	RELEASED FOR PERMIT
2	5/15/92	EG	RELEASED FOR PERMIT

The Facility Group Inc.
Southwest Facility Engineers, Inc.
2626 High Bluff Drive, Suite 300
San Diego, California 92130

HUGHES MARKETS
LOS ANGELES, CALIFORNIA

MASTER SITE PLAN

MP1
HM-91.14


SAN GABRIEL RIVER
GROCERY DISTRIBUTION CENTER
PERISHABLE DISTRIBUTION CENTER
ARROW HIGHWAY
RIVERGRADE ROAD
STEWART AVE.
NOTE:
SEE PLANS AND SPECIFICATIONS PREPARED BY PETROLEUM CONTRACTORS INC. FOR DETAILS OF THE PUMP ISLANDS AND FUEL TANKS.
NOTE:
THIS WORK TO BE PERMITTED UNDER SEPERATE DRAWINGS.
DOCK STRIPE DETAIL
LEGEND
EGRESS POINT
COLUMN LINE NUMBER
PARKING COUNT
CURB AND GUTTER
HANDICAP PARKING
CHAIN LINK FENCE
DECORATIVE FENCE
PROPERTY LINE
CONCRETE
DIRECTION OF TRAFFIC FLOW
SITE PLAN GENERAL NOTES
KEY MAP
PROJECT
BENCHMARK
LOS ANGELES COUNTY MONUMENT W/PUNCHED 2" BRASS STAMPED "L.A.C.O.R.D. 1950" PER PARCEL MAP #22152; PARCEL MAP BOOK 231/ 15-18.
RELEASED FOR PERMIT
The Facility Group Inc.
Southeast Facility Engineers, Inc.
13626 High Bluff Drive Suite 360
San Diego, California 92130
HUGHES MARKETS
LOS ANGELES, CALIFORNIA
DISTRIBUTION CENTER
SITE PLAN
C02
HM-9114

000590-I00593
p 99047

SCANNED TO DMS MAR 15 2010 BY QVCC

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
PROJECT PLANNING AND POLLUTION CONTROL DIVISION

INDUSTRIAL WASTE SURVEY

City IRWINDALE I-File No. 593-3S

~~SMD No.~~ GROUND DISPOSAL Permit No. 47

FIRM NAME U.S. PIPE & FOUNDRY

Address 14041 E. LIVE OAK AVE. Telephone No. 337-1211

between ARROW HWY. and 605 FRWY.

Contact Name MR. JARLIN Title [illegible]

Business and processes: MANUFACTURE OF CONCRETE & STEEL PIPES

Type and Quantity I.W. EXCESS WATER & WASHDOWN FROM MIXING, BATCHING & MOLDING CONCRETE; EXCESS CURING WATER; BOILER BLOWDOWN; WATER SOFTNER BACKFLUSH; [illegible] COOLING WATER

WASTE DISPOSAL: Sample Taken YES Parameters YES

Sewer: SMD — San.Dist. — Volume —

Surface Drainage YES Cooling Water YES Uncontaminated YES

Ground YES Holding Tank — Level Alarm —

Other SETTLING POND (UNLINED); OVERFLOW TO RIVER

PRETREATMENT FACILITIES: Location [illegible] CORNER OF SITE

Trap: Standard _____ Non-Standard _____

Other SETTLING POND

REQUIREMENTS AND DATA:

Inspection YES Frequency _____ Permit _____

New Industry NO Resurvey NO T.C. Requested YES

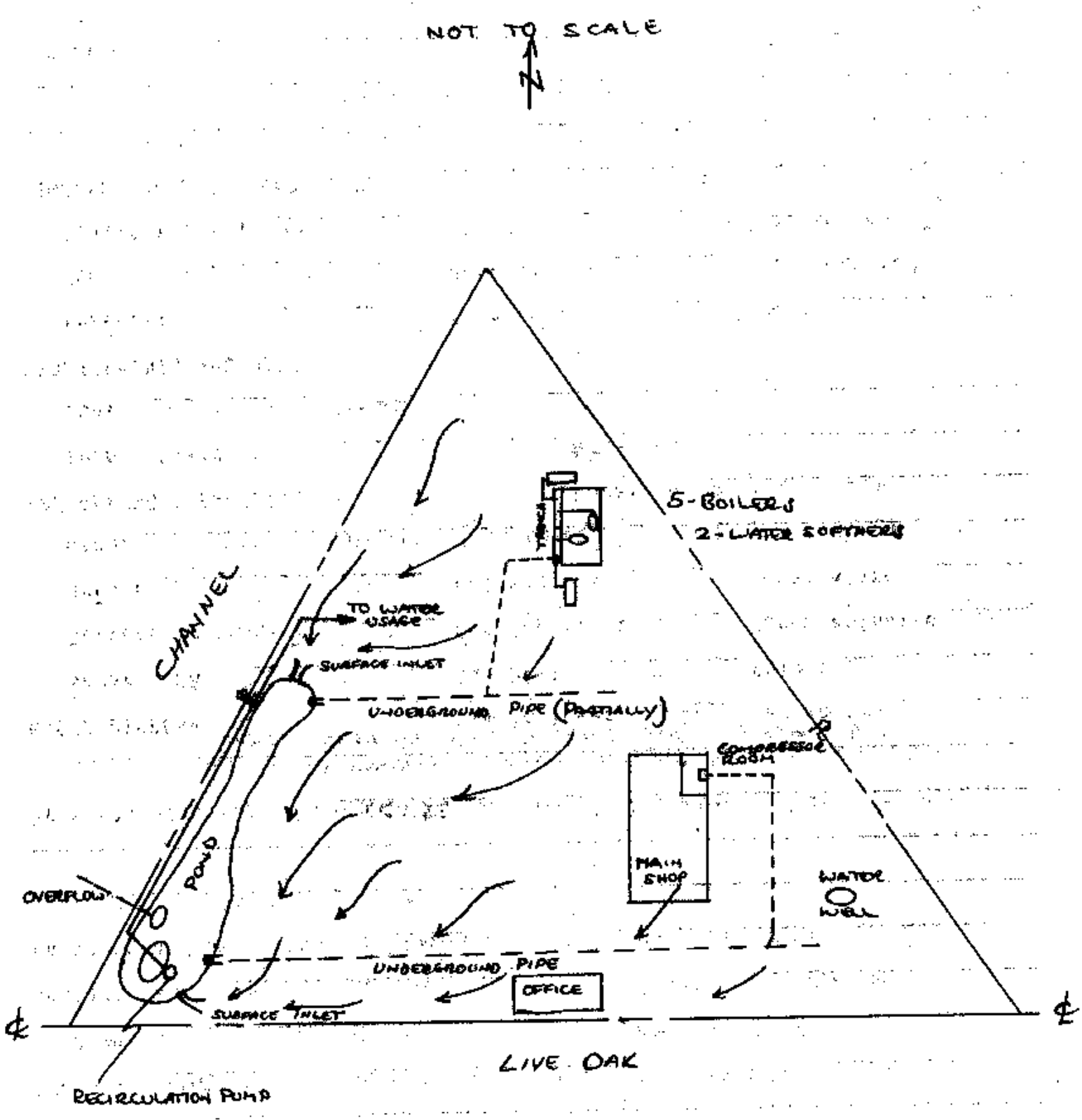
Classification 113 SIC No. _____ Disp. Method 3, 4

REMARKS AND RECOMMENDATIONS: SEE COPY OF STATE PERMIT APPLICATION.

* WATER SOFTNER BACKFLUSH: AVG. 20 TIMES PER MONTH, 1500 GALS. PER BACKFLUSH. WATER IS RECIRCULATED FROM SETTLING POND.

Survey by: D. Lobato Date 9-13-79

FZ B 5-74



NOTE: 1) UNDERGROUND DRAINAGE PIPES HAVE SEVERAL OPEN TRENCHES AT VARIOUS POINTS TO RECEIVE WASTE WATER FROM BATCH, MORTARING & MIXING PLANTS; COMPRESSOR SINGLE PASS COOLING WATER; BOILER BLOWDOWN; WATER SOFTNER BACKFLUSH.

2.) DRY WEATHER SURFACE FLOW IS FROM VARIOUS TYPES OF CEMENT CURING AREAS. TWO INLETS TO THE POND EXIST FOR FLOW.

3.) ONLY FLOW TO CHANNEL IS DURING STORM RAINS.

THE REGIONAL PLANNING COMMISSION

May 5, 1949

Mr. C. E. Arnold
County Engineer & Surveyor
108 W. Second Street, Room 726
Los Angeles, California

Dear Sir:

Subject: Rock Quarry Case No. 39

Pursuant to provisions of Ordinance No. 1494 (Zoning Ordinance), this is to inform you that the United Concrete Pipe Corporation, represented by L.A.Cline, whose address is P. O. Box 425, Baldwin Park, California, (Phone No. CU-3-2101) has applied for a permit to establish, operate, and maintain a Rock Quarry and appurtenances

on property situated on the north side of Arrow Highway, approximately one mile west of Maine Avenue, northwesterly of the spillway of the Santa Fe dam.

A hearing in this matter is set for June 9, 1949, at 11:30 A.M., and will be held before the Zoning Board, in the Regional Planning Commission hearing room, Los Angeles County Engineering Building, 108 West Second Street, Los Angeles.

This department would appreciate a statement from you as to whether the development of this property to the requested use would adversely affect any existing or proposed projects or matters under your jurisdiction.

RECEIVED
INDUSTRIAL WASTE DIVISION
OFFICE OF COUNTY ENGINEER
MAY 9 1949
Ref. to
Per

Yours very truly,

THE REGIONAL PLANNING COMMISSION
A. H. Adams, Director of Planning

Fred M. Gebhart, Zoning Administration

FMG: cs

Enc. 1 Location Map

I-573

COPY

O. E. ARNOLD
COUNTY ENGINEER
COUNTY SURVEYOR

OFFICE OF
COUNTY ENGINEER AND SURVEYOR
218 CIVIC CENTER BUILDING
LOS ANGELES

May 24, 1949

The Regional Planning Commission
Los Angeles County Engineering Bldg.
108 West Second Street
Los Angeles 12, California

Attention: A. E. Adams, Director of Planning

Subject: Rock Quarry Case No. 29

File: UNITED CONCRETE PIPE CORP. (I-593)
ROCK QUARRY - Arrow Hwy. near San Gabriel River

Gentlemen:

In reply to your letter of May 5, 1949, relative to application of United Concrete Pipe Corporation to establish a rock quarry north of Arrow Highway near the San Gabriel River, we recommend that this permit, if issued, be made subject to the condition that the applicant comply with the requirements of County Ordinance No. 614 (Industrial Waste Ordinance).

Yours truly,

O. E. ARNOLD,
County Engineer

CLK:ss

cc: Adams - 3
CEA
RLG
AGP

OFFICE COPY - RETURN TO
INDUSTRIAL WASTE DIVISION
LOS ANGELES COUNTY ENGINEER
ROOM 628, 108 W. 2ND STREET
LOS ANGELES 12, CALIFORNIA

MEMORANDUM

To: Mr. A. G. Pickett
From: Mr. W. B. Baldwin
File: UNITED CONCRETE PIPE CO. ROCK QUARRY (I-593)
Date: May 27, 1949

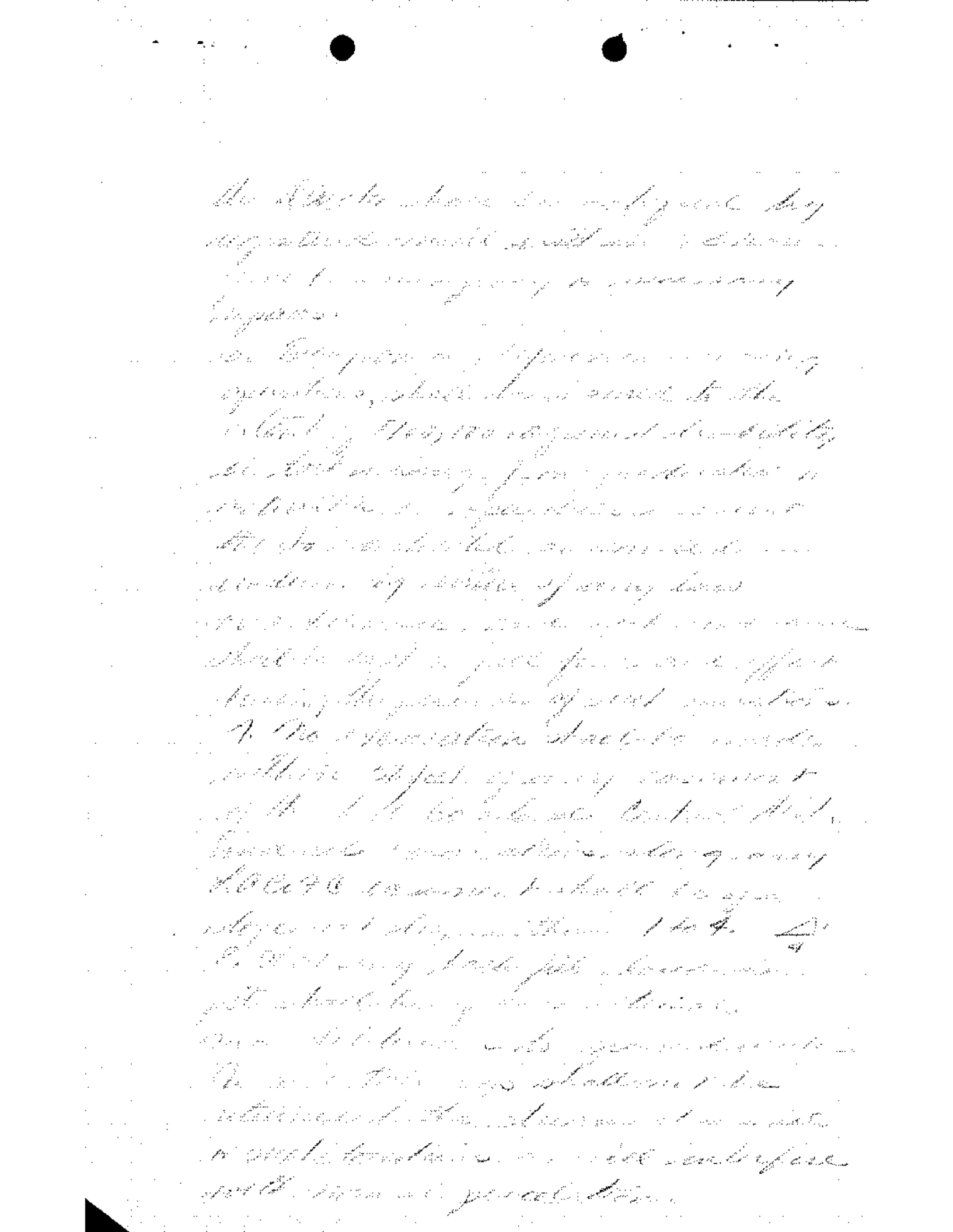
I called Mr. Cline of the United Concrete Pipe Corporation relative to their application to the Zoning Commission for a permit to operate a rock quarry north of Arrow Highway near the San Gabriel River. He informed me that they wanted to extract and wash sand and gravel at this site. He stated that they were willing to cooperate with the County Departments to prevent the channel from becoming sealed with silt.

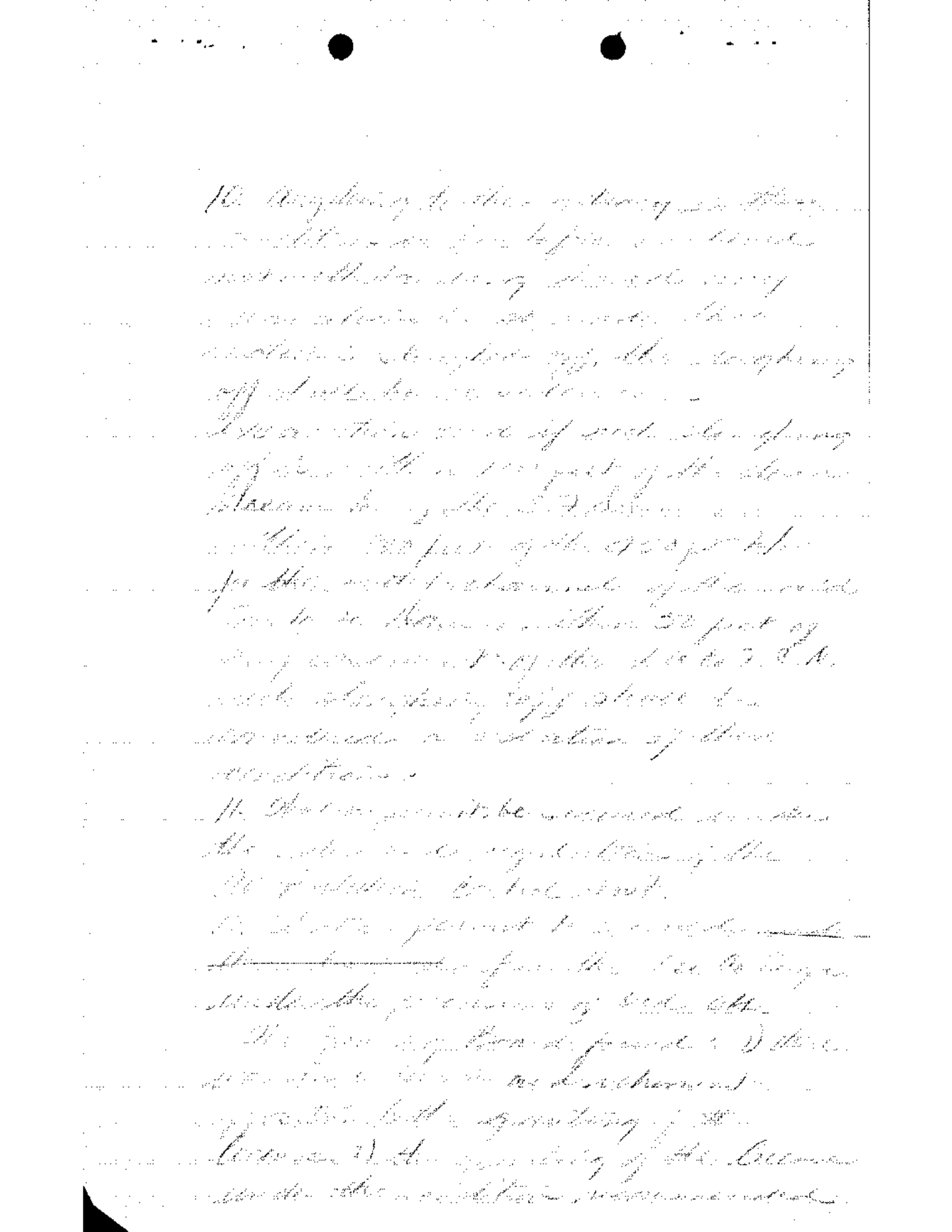
I also called Mr. A. B. Collins of the County Flood Control District and he informed me that they had referred this case to the U.S.E.D. and there was a possibility that they would oppose it because of the danger of undermining the dam. He said that if it was not opposed that he thought they should be regulated by Ordinance 614 to prevent the deposit of silt in the channel.

WBB:cb

cc: CEA
RLG
JLP

OFFICE COPY RETURN TO
INDUSTRIAL WAS[illegible]
LOS ANGELES [illegible]
ROOM [illegible] W. [illegible]
LOS ANGELES 12, CALIFORNIA





August 18, 1949

Los Angeles County Engineer
108 West Second St.
Los Angeles, Calif.

Attention: Division of Sanitation
Industrial Waste Section

Dear Sir:

In accordance with instructions given by Mr. A. E. Adams, Director of Planning, County of Los Angeles, in letter dated June 20, 1949 in connection with Rock Quarry Case No. 32, which Case was approved by the Los Angeles County Board of Supervisors on June 28, 1949, we hereby make application for an Industrial Waste Permit as required by Ordinance No. 613 M.C., as amended.

Enclosed are four (4) copies of the application, Form 633 I & W 7-46, also four (4) copies of our drawing No. L. 321, dated March 29, 1947. This drawing has outlined in red the area zoned for quarry purpose and, also, in green the approximate location of the washed rock and sand screening plant.

Your favorable consideration of our application will be appreciated.

Very very truly,

CALIFORNIA ROCK CO.

By L. A. Cline
L. A. Cline, Vice Pres.

LAC:gm

Encl: Application (4)
Drawings (4)

RECEIVED
INDUSTRIAL WASTE DIVISION
OFFICE OF COUNTY ENGINEER
AUG 19 1949
FILE _____
BY _____

FORM 533 IM 7-46

APPLICATION FOR INDUSTRIAL WASTE PERMIT

Ordinance No. 614 N.S., as amended

COUNTY OF LOS ANGELES—OFFICE OF COUNTY ENGINEER

DIVISION OF SANITATION—INDUSTRIAL WASTE SECTION

Los Angeles, Calif. August 18 **19** 49

I hereby make application to dispose of industrial wastes derived from industrial or commercial processes described herein and located at No. 800 (old) Arrow Highway - approximately 1750 North of Arrow Highway-Baldwin Park District between Stewart Street and Peck Road Streets, Lot ....., Block ....., Tract Rancho Azusa de Duarte

Brief description of wastes, industrial or commercial processes, proposed method of disposal, and disposal facilities.

The operation to consist only of the installation of a small rock and sand screening plant of approximately 150 tons per hour capacity. No buildings to be constructed.

It is proposed to construct a small settling basin where any sand or debris which may be carried in the washing water will be deposited. The water so used will rapidly perculate through the porus rock and sand surface into the underground basin.

Sand and debris so deposited will not enter the presently located flood control channels.

Firm Name or Owner United Concrete Pipe Corporation

By L. A. Olive Title Vice-President Telephone Cu 3-2101

DO NOT WRITE BELOW THIS LINE

I. W. NO.

P. C. NO.

JOB NO.

C. E. ARNOLD
COUNTY ENGINEER
COUNTY SURVEYOR

OFFICE OF
COUNTY ENGINEER AND SURVEYOR

726 LOS ANGELES COUNTY ENGINEER AND BUILDING
LOS ANGELES

COPY

August 13, 1919

[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

[illegible]

I-593

RECEIVED
INDUSTRIAL WASTE DIVISION
OFFICE OF COUNTY ENGINEER
AUG 31 1949
Ref. to _____
Per _____

AIR POLLUTION CONTROL DISTRICT

August 29, 1949

File No. 520.21

Mr. Arthur Pickett
Office of County Engineer & Surveyor
726 County Engineering Bldg.
108 West Second Street

Dear Sir:

With reference to Industrial Waste Permit No. I-593, United Concrete Pipe Corp., you are advised that the installation of this equipment will require a permit from this office.

Very truly yours,

/s/ Gordon P. Larson

Gordon P. Larson
Director

GPL:mr

RLG
AGP
8-31-49

RECEIVED
AUG 30 1949
AGP
Att.

OFFICE COPY - RETURN TO
INDUSTRIAL WASTE DIVISION
LOS ANGELES COUNTY ENGINEER
ROOM 726 COUNTY ENGINEERING BUILDING
108 WEST SECOND STREET
LOS ANGELES 12, CALIFORNIA

AGP

OFFICE OF COUNTY HEALTH DEPARTMENT

August 26, 1949

RECEIVED
AUG 29 1949
C. E. ARNOLD
County Sanitary Engineer
Referred to AGP
for Att

Mr. C. E. Arnold, County Engineer
726 L. A. County Engineering Building
105 West 2nd Street
Los Angeles, Calif.

Attn: Mr. Arthur Pickett

Subject: United Concrete Pipe Corporation (I-593)

Gentlemen:

This department has no objection to the issuance of an industrial waste permit to the United Concrete Pipe Corporation for the establishment and operation of a settling basin into which the washing water from the sand screening plant will be deposited.

It is our recommendation that this permit be made subject to any and all limitations as may be imposed by the Los Angeles County Industrial Waste Committee.

Very truly yours,

ROY O. GILBERT, M. D.
County Health Officer

by H. L. Messier
H. L. Messier, Asst. Director
Bureau of Sanitation

HLM:r
cc: Mr. Haynes
Mr. Martin
Mr. McDermott, Alhambra M. C.

RECEIVED
INDUSTRIAL WASTE DIVISION
OFFICE OF COUNTY ENGINEER
AUG 30 1949
Ref. to Clark
Per [illegible]

OFFICE COPY RETURN TO
INDUSTRIAL WASTE DIVISION
LOS ANGELES COUNTY ENGINEER
[illegible] 2ND STREET
CALIFORNIA

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

LOS ANGELES 14, CALIFORNIA

OFFICE OF CHIEF ENGINEER 751 SOUTH FIGUEROA STREET

RECEIVED
INDUSTRIAL WASTE DIVISION
OFFICE OF COUNTY ENGINEER
SEP 7 1949
Ref. No. A
Per

September 6, 1949

2-3
Administration
Establishment of Gravel Pit
United Concrete Pipe Corporation

Your File: I-593

Mr. C. E. Arnold
County Engineer and Surveyor
726 Los Angeles County Engineering Building
108 West Second Street
Los Angeles 12, California

Attention: Mr. Arthur Pickett

Dear Sir:

Your letter of August 23, 1949 notifies this office that the United Concrete Pipe Corporation has applied for an industrial waste permit under Ordinance 614 to conduct certain operations on their property located south of the Santa Fe Dam and north of Arrow Highway, your File I-593.

This office has no objection to the issuance of a permit to the United Concrete Pipe Corporation, provided that no wash water of any type is discharged into the streambed of the San Gabriel River or any of the smaller tributaries leading either to the San Gabriel River or the Rio Hondo.

Yours very truly,

H. E. Hedger, Chief Engineer

By
N. B. Hodgkinson
Division Engineer

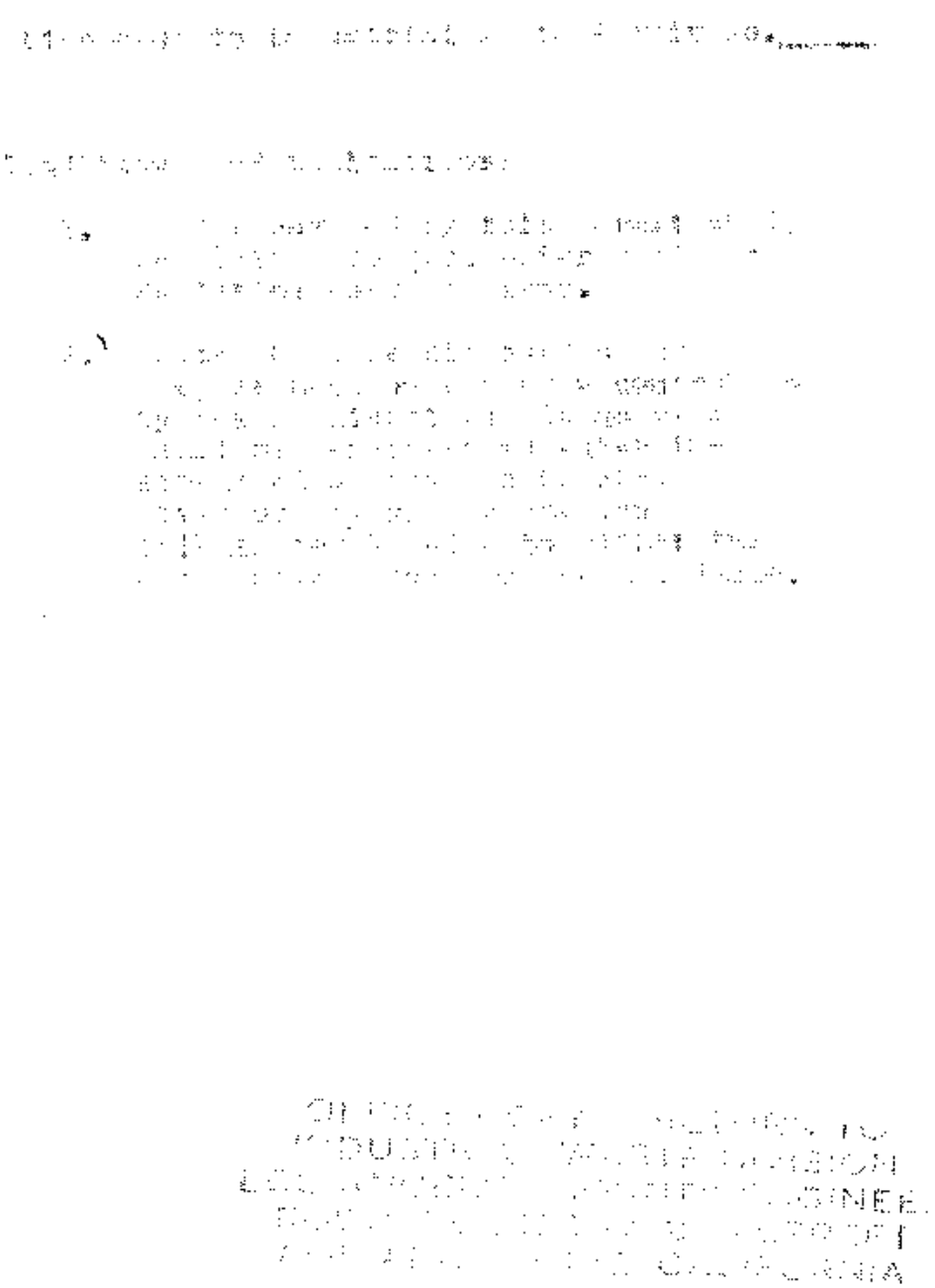
A-4-P
INFO

C. E. ARNOLD
COUNTY ENGINEER
COUNTY SURVEYOR

OFFICE OF
COUNTY ENGINEER AND SURVEYOR

725 LOS ANGELES COUNTY ENGINEERING BUILDING
LOS ANGELES

COPY



I-593

A G P

UNITED CONCRETE PIPE CORPORATION
BALDWIN PARK, CALIFORNIA

September 16, 1949

RECEIVED
INDUSTRIAL WASTE DIVISION
OFFICE OF COUNTY ENGINEER

SEP 19 1949

Ref. to [illegible]

Per [illegible]

County Engineer & Surveyor
County of Los Angeles
726 L. A. County Engineering Bldg.
108 West Second Street
Los Angeles 12, Calif.

Reference: File United Concrete Pipe Corp.
Rock Quarry (I - 593)

Dear Sir:

In accordance with the instructions contained in your letter to us dated September 14, 1949, enclosed please find L. A. Cline's personal check in the amount of $3.25 to cover the cost of an Industrial Waste permit for the above stated rock quarry. Please mail this permit to United Concrete Pipe Corp., P. O. Box 425, Baldwin Park, Calif., attention, L. A. Cline.

An application for an Air Pollution Control permit has been filed with the County of Los Angeles.

Yours very truly,

UNITED CONCRETE PIPE CORP.

By L. A. Cline
L. A. Cline, Vice President

LAC:gn

encl: check

A G P

C. E. ARNOLD
COUNTY ENGINEER
COUNTY SURVEYOR

OFFICE OF
COUNTY ENGINEER AND SURVEYOR

736 LOS ANGELES COUNTY ENGINEERING BUILDING
LOS ANGELES

COPY

[illegible]

[illegible]

[illegible]

Conditions and limitations

1. [illegible] shall be limited to such water used for [illegible] in any year.

2. [illegible] of any right [illegible] shall be [illegible] [illegible] [illegible]

CHEMICAL ANALYSIS

Department of the County Engineer

Analysis requested by J. H. Stewart

Sample of Effluent near west boundary of plant at United Concrete Pipe Co., Baldwin Park File No. [illegible]

Source of suspected contaminants, i.e., character of industrial process, etc.

Sample marked as above Collected by M. Cron Date 3-22-50

Time Quantity 8 oz. pH

Check Analyses Wanted	√	PPM	Milli Equiv	Check Analyses Wanted	√	PPM	Milli Equiv
Calcium (Ca^{++})				Carbonate ($CO_3^{=}$)			
Magnesium (Mg^{++})				Bicarbonate (HCO_3^{-})			
Sodium & Potassium (Na^{+} & K^{+})				Chloride (Cl^{-})		248	
Iron (Fe^{+++})				Sulfate ($SO_4^{=}$)		130	
Aluminum (Al^{+++})							
Sum of milli-equivalents				Sum of milli-equivalents			
Hardness as $CaCO_3$				Dissolved Solids			
Volatile Solids				Suspended Solids			
pH 9.20				Total Solids			

Remarks or Special Analyses

OFFICE COPY [illegible] TO
INDUSTRIAL [illegible] DIVISION
LOS [illegible] ENGINEER
[illegible] PROJECT
[illegible] CALIFORNIA

Laboratory No. 01752

Analysis by NB-CP

Date 3-29-50

6/49

CHEMICAL ANALYSIS

Department of the County Engineer

Analysis requested by T. T. Otteson

Sample of Effluent - United Concrete Pipe

File No. I-593

Source of suspected contaminants, i.e., character of industrial process, etc.

Sample marked United Concrete Pipe Collected by LWO Date December 12, 1951

Time Quantity pH

Check Analyses Wanted	PPM	Milli Equiv	Check Analyses Wanted	PPM	Milli Equiv
Calcium (Ca^{++})			Carbonate ($CO_3^{=}$)		
Magnesium (Mg^{++})			Bicarbonate (HCO_3^{-})		
Sodium & Potassium (Na^{+} & K^{+})			Chloride (Cl^{-})	28	
Iron (Fe^{+++})			Sulfate ($SO_4^{=}$)	75	
Aluminum (Al^{+++})					
Sum of milli-equivalents			Sum of milli-equivalents		
Hardness as $CaCO_3$			Dissolved Solids		
Volatile Solids			Suspended Solids		
pH	8.3		Total Solids		

Remarks or Special Analyses

Laboratory No. 05615

Analysis by CP

Date December 19, 1951

3-50

761519P 12-49

I-593

INDUSTRIAL WASTE DISPOSAL STATEMENT

COUNTY OF LOS ANGELES—OFFICE OF COUNTY ENGINEER

INDUSTRIAL WASTE DIVISION

Los Angeles, Calif. Oct. 1 19 53

I--593

Plan Check No. 275459F Filed on 9-29-53

Address of Building 14041 E. Arrow, Baldwin Park

In accordance with the provisions of Section Nos. 302 and 303 of Ordinance No. 614, N.S., as amended, the following statement is made regarding application for permit to construct or alter the above industrial type building:

Industrial waste shall be disposed into the existing waste disposal facilities I.W. Permit #47.

WILLIAM J. FOX
[redacted]
County Engineer and Surveyor

By [signature]

26-519P 12-49

INDUSTRIAL WASTE DISPOSAL STATEMENT

COUNTY OF LOS ANGELES—OFFICE OF COUNTY ENGINEER

INDUSTRIAL WASTE DIVISION

Los Angeles, Calif. November 3 19 53

(I-593)

Plan Check No. A77307F Filed on 11-2-53

Address of Building 11401 E. Arrow Hwy. Baldwin Park

In accordance with the provisions of Section Nos. 302 and 303 of Ordinance No. 614, N.S., as amended, the following statement is made regarding application for permit to construct or alter the above industrial type building:

No industrial waste disposal fixtures shall be installed without the approval of the Industrial Waste Division.

WILLIAM J. FOX
[redacted]
County Engineer and Surveyor

By [signature]

74L206 3-52

LOS ANGELES COUNTY LETTERGRAM

Jack Green

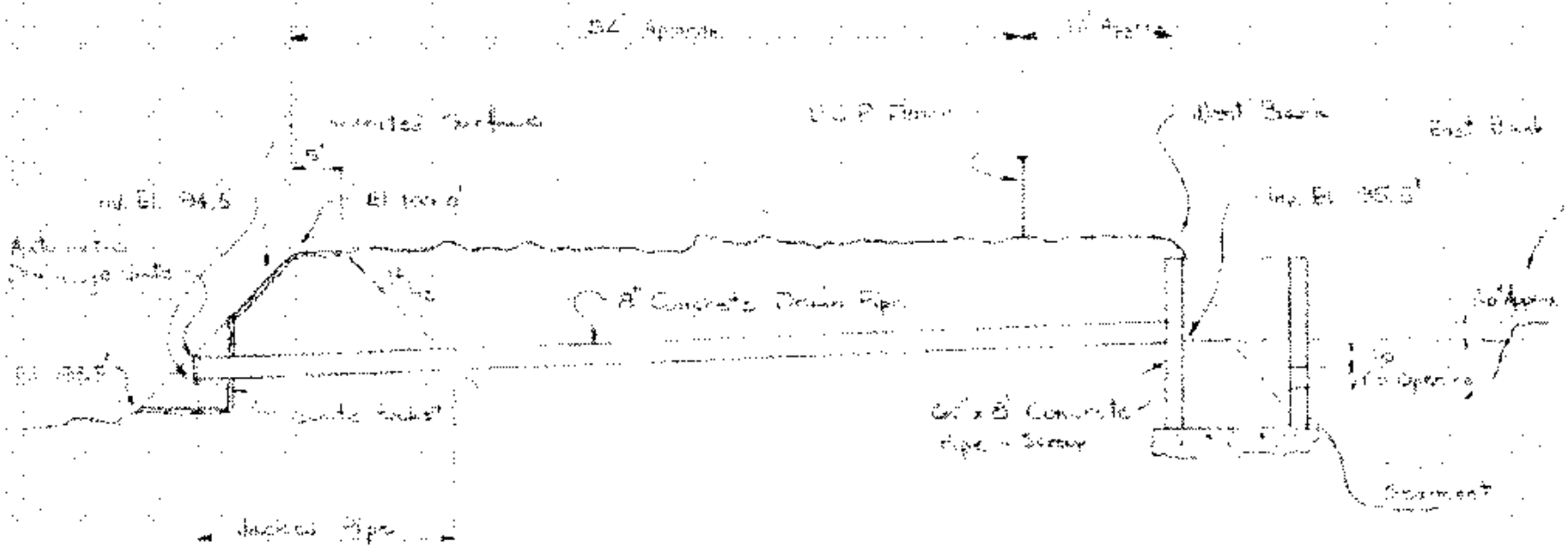
To Division of Bldg. & Safety From Ind. Waste Division

Date 11-12-53

Subject INDUSTRIAL WASTE DISPOSAL STATEMENT
United Concrete Pipe Corp.
~~4444~~01 Arrow Highway, Baldwin Park (I-593)

P.C. No. A77351F
Filed 11-6-53

Industrial waste shall be disposed into the existing waste disposal facilities. I.W. Permit No. 47.



Inv. El. 94.5
El. 100.0'
Inv. El. 95.5'
8" Concrete Drain Pipe
Jacked Pipe
Sediment

Profile

I 593

INSPECTOR'S REPORT

TO: [illegible]

FROM: [illegible]

FILE: United Canadian [illegible] (I-590)
[illegible] E. [illegible]

DATE: [illegible]

REPORT: [illegible] inspections [illegible] today. [illegible] (Cu 3-2101) [illegible] contacted. No [illegible] were observed. [illegible] Conservation of a later date due to some remodeling.

I-393

INSPECTOR'S REPORT

TO:

FROM:

FILE:

DATE:

REPORT:

INSPECTOR'S REPORT

TO:

FROM:

FILE:

DATE:

REPORT:

Original . . . . . WHITE
1 File Copy . . . . BUFF
Lab Copy . . . . PINK
Field Copy . . . . GREEN

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
INDUSTRIAL WASTE DIVISION

CHEMICAL ANALYSIS

Analysis requested by E Estudillo

Sample of United Concrete Pipe Corp.

file I-543-30

Source of suspected contaminants, i.e., character of industrial process, etc.
Wash water from Concrete Mixers & etc.

Sample marked United Concrete Pipe Corp. *collected by* [illegible]

Quantity 1/2 gal *Date* 4-14-55 *Time of day* 01 30 PM

		PARTS PER MILLION			PARTS PER MILLION
Calcium	(Ca^{++})	23	Hydroxide	(OH^-)	0
Magnesium	(Mg^{++})	4	Carbonate	(CO_3^{--})	24
Sodium	(Na^+)	53	Bicarbonate	(HCO_3)	27
Iron	(Fe^{+++})	0	Chloride	(Cl^-)	14
Aluminum	(Al^{+++})	0	Sulfate	(SO_4^{--})	84
Boron	(B^{+++})	0	Nitrate	(NO_3)	16
Chromium	(Cr^{++++++})	.02	Sulfide	(S^{--})	0
Silica	(SiO_2)	16	Fluoride	(F^-)	.8
				PO4	2.4
				CEN	0
Total Cations		96.02	Total Anions		168.2
			Total Ions (calculated dissolved solids)		251

pH		10.0	Dissolved Oxygen		
Hardness (as $CaCO_3$)		74	Biochemical Oxygen Demand		
Alkalinity (as $CaCO_3$)		42	Dissolved Solids		
Carbon Dioxide CO_2 (Calc.)		0	Suspended Solids		
Phenols			Total Solids		
Oil & Grease					
non carb		32	V. ratio		40.8
conductance		281	Turb		10

Remarks or special analyses Complete Analysis

Received at laboratory 4-15-55 *Laboratory No.* 07901

Analysis by CP + PV *Date* 4-19-55

76C211F 566 9-54. Rev.

INSPECTOR'S REPORT

TO: Mr B. R. Matthiesen

FROM: Mr E. A. Estudillo

FILE: United Concrete Pipe Corp.
I-593-3c

DATE: May 4, 1955

REPORT: Mr. Neal Whitaker's report of inspection, dated 4-12-55, reports the discharge of liquid wastes to the San Gabriel River in violation of Industrial Waste Permit No 47.

Laboratory Analysis No. 09901, dated 4-19-55 reveals no pollutionable properties, however the discharge to the River or its tributaries is specifically forbidden by paragraph #2 of Said Permit Conditions & Limitations.

Today I interviewed Mr Jack Love, Plant Superintendent, and the following correctional action will be taken within 60 days:

1. Waste water from concrete form washing with will be recirculated. This will reduce the volume of water discharged to their seepage basins by probably 50%.
2. Leaching sumps will be deepened which will provide greater capacity & increased seepage capacities.
3. Should the above action fail to provide disposal of waste waters in accordance with their present Permit requirements, Mr Love

761550L15 S&E 658 Gb 1-54

will then request an amendment to their permit to make discharge to the river after the construction of approved pretreatment facilities.

In my opinion the corrective action outlined above should provide proper disposal and I have filed a time sch. dated 7-5-85 to follow through on the matter.

A62

OK File

MEMORANDUM

TO: Mr. John Partin
FROM: Mr. Harold Symmonds
FILE: United Concrete Pipe Company (I-593-30)
DATE: May 11, 1955

This afternoon, Mr. Charles T. Johnston, Assistant to the Vice-President, called in our office and related that one of our inspectors called to their attention that discharge from their seepage pits to the river was prohibited by our industrial waste permit. His company has obtained permission from the proper authorities for such discharge during storm periods, and it was his request for relief from the requirement of our industrial waste permit.

It was agreed that he would forward a letter to our office requesting modification of their industrial waste permit and including plot plans of their proposed operation and facilities. It was not their desire to violate any condition of our permit; but, however, they are in a state of emergency in event of another storm and would particularly request immediate consideration of their problem.

Army Engineers

Symmonds — Which plant is involved?

Tell AGP

HWS:LC
cc: AGP
BRM
HWS

United Concrete Pipe Corp.
14041 E. Arrow Highway
Baldwin Park

Located at foot of Santa Fe Dam

CJOB

UNITED CONCRETE PIPE CORPORATION

14041 EAST ARROW HIGHWAY
P. O. BOX 425
BALDWIN PARK, CALIFORNIA

May 13, 1955

RECEIVED
INDUSTRIAL WASTE DIVISION
DEPARTMENT OF COUNTY ENGINEER
MAY 17 1955
Ref. to
For

Mr. William Fox
Los Angeles County Engineer
224 Los Angeles County Engineer Building
108 West 2nd Street
Los Angeles 12, California

Attention: Mr. Arthur Pickett

47 - I - 593

Gentlemen:

This pertains to the disposal of industrial waste water, within our plant, under Permit #49 issued by your Department on August 21, 1949.

On May 3, 1955, your Mr. Estradillo visited our plant and informed us that the above permit did not cover the disposal of waste water into the outlet channel of Santa Fe Dam.

In order to reconcile our proposed operation, with your Department, we are submitting five copies of our sketch #12-15-54 which has been approved by the USED for installation.

In view of the above, it is respectfully requested that a new permit be issued that will cover the installation of the sump drain which will empty into the outlet channel of Santa Fe dam.

Thank you for your cooperation in the above matter.

Very truly yours,

UNITED CONCRETE PIPE CORPORATION

C. T. Johnston

C. T. Johnston
Assistant to the President

CTJ:mb
Enc.

XXXXXXXX
HA-9-4747

May 27, 1955

Mr. H. E. Hedger, Chief Engineer
L. A. County Flood Control District

Attention: Mr. H. B. Hodgkinson

Dr. Roy O. Gilbert
L. A. County Health Officer

Attention: Mr. Loring Messier

Gentlemen:

SUBJECT: United Concrete Pipe Corporation (I-593-30)

In accordance with requirements of Sections 6207 and 6208 of Ordinance No. 6130, your recommendations are requested in the matter of amending Industrial Waste Permit No. 47 to include the following operation. Under the conditions of their permit, they are allowed to discharge their waste water into sumps. During heavy rains, these sumps become filled with storm water and it is requested that they be permitted to discharge the excess water into the outlet channel of the Santa Fe Dam. Attached is a plot plan showing the details of the drainage sump and pipe going to the channel.

This application will be discussed at the next Industrial Waste Committee Meeting tentatively set for June 7, 1955.

It is particularly requested that your recommendations be submitted to this office not later than the week immediately following the Committee meeting.

Yours very truly,

William J. Fox
COUNTY ENGINEER

Arthur Pickett, Division Engineer
Industrial Waste Division

AGP-MJD:LC
Enc. 1
cc: AGP HWS BRM MJD

MA-3-4747

May 27, 1955

Mr. Linne C. Larson, Executive Officer
Regional Water Pollution Control Board No. 4
504 Spring Arcade Building
541 South Spring Street
Los Angeles 13, California

Attention: Mr. Matthew Eggett

Dear Sir:

SUBJECT: United Concrete Pipe Corporation (I-593-30)

In accordance with the procedure established between our offices in the matter of processing applications for Industrial Waste Permits, it is requested that you contact all State agencies which, in your opinion, may be concerned with the amending of Industrial Waste Permit No. 47 to include the following operation. Under the conditions of their permit, they are allowed to discharge their waste water into sumps. During heavy rains, these sumps become filled with storm water and it is requested that they be permitted to discharge the excess water into the outlet channel of the Santa Fe Dam.

This application will be discussed at the next Industrial Waste Committee Meeting tentatively set for June 7, 1955.

Yours very truly,

William J. Fox
COUNTY ENGINEER

Arthur Pickett, Division Engineer
Industrial Waste Division

AGP-MJD:LC
Enc. 1
cc: AGP
HWS
MJD

UNITED CONCRETE PIPE CORPORATION

14041 EAST ARROW HIGHWAY

P. O. BOX 426

BALDWIN PARK, CALIFORNIA

June 6, 1955

RECEIVED
INDUSTRIAL WASTE DIVISION
DEPARTMENT OF COUNTY ENGINEER

JUN 7 1955

Mr. William Fox
Los Angeles County Engineer
724 Los Angeles County Engineer Building
108 West 2nd Street
Los Angeles 12, California

Ref. No. .....

By .....

Attention: Mr. Arthur Pickett Ref. File #I-593

Gentlemen:

Please refer to our letter dated May 13, 1955 requesting that a new permit be issued to cover our problems relative to industrial waste.

Enclosed find six copies of a composit print showing our main plant layout at 14041 East Arrow Highway, Baldwin Park, California. Included thereon is the location of the collection sump and the drain line with automatic gate for which we are requesting permit modification.

We therefore wish to correct our previous request for a new permit and now request that our Permit #17 be revised to include the sump drain and any other features pertaining thereto that are not now covered.

Very truly yours,

UNITED CONCRETE PIPE CORPORATION

C. A. Johnston
Assistant to the President

CAJ:ab
Enc.

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

H. E. HEDGER
CHIEF ENGINEER

MAILING ADDRESS:
BOX 2418
TERMINAL ANNEX
LOS ANGELES 54, CALIFORNIA

2250 ALCAZAR STREET
LOS ANGELES
CAPITOL 2-0151

June 27, 1955

FILE NO. 2-3
SUBJECT Administration
Industrial Waste Permit
United Concrete Pipe Corporation

Mr. William J. Fox
County Engineer
725 Los Angeles County Engineering Building
108 West Second Street
Los Angeles 12, California

(Your File No. I-593-30)

RECEIVED
INDUSTRIAL WASTE DIVISION
DEPARTMENT OF COUNTY ENGINEER

Attention: Mr. Arthur Pickett, Division Engineer
Industrial Waste Division

Dear Sir:

Reference is made to your letter of May 27, 1955, notifying this office of an application filed by the United Concrete Pipe Corporation for an Industrial Waste Permit to discharge excess storm water flow from a sump on their property into the San Gabriel River downstream from the Santa Fe Dam.

This office is of the opinion that the proposed discharge should be limited to overflow of sumps during periods of precipitation only. Should new facilities be required for conducting this overflow into the channel, District approval will be required.

Yours very truly,

H. E. Hedger, Chief Engineer

By
M. E. Salsbury
Senior Assistant Chief Engineer

cc: Mr. Linne C. Larson, Executive Officer
Regional Water Pollution Control Board No. 4
Attention: Mr. Matthew Eggett

Dr. Roy O. Gilbert, County Health Officer
Attention: Mr. Loring Messier

OFFICE OF COUNTY HEALTH DEPARTMENT

RECEIVED
INDUSTRIAL WASTE DIVISION
DEPARTMENT OF COUNTY ENGINEER

June 28, 1955

Mr. William J. Fox,
County Engineer,
108 West Second Street,
Los Angeles, California

Attention: Mr. Arthur Pickett, Division Engineer
Industrial Waste Division

Dear Sir:

Subject: United Concrete Pipe Corporation (I-593-30)

This is to advise you that the Los Angeles County Health Department has no objection to the modification of Industrial Waste Permit No. 47 in accordance with your communication of May 27, 1955.

Very truly yours,

ROY C. GILBERT, M. D.
Health Officer

By _____
H. L. Messier, Asst. Director
Bureau of Sanitation

HLM:r
cc: Mr. N. B. Hodgkinson,
L. A. Co. Flood Control Dist.
Mr. Matthew Eggett,
Reg. Water Pollution Control Bd.
Mr. Paul Bosnian

July 11, 1955

United Concrete Pipe Corporation
P.O. Box 475
Baldwin Park, California

Attention: Mr. [illegible] Johnston

Gentlemen:

SUBJECT: United Concrete Pipe Corp. ([illegible])

In response to your request of May 15, 1955, to drain storm water from your sump into the outlet channel of the Santa Fe Dam, the matter was submitted to the Industrial Waste Committee on June 7, 1955.

In consideration of the recommendations of this Committee, the County Engineer has modified your Industrial Waste Permit No. 47 to provide for the discharge of storm water as requested, and you are hereby notified that immediately upon receipt of this notification the attached special conditions and limitations will supersede all former restrictions or provisions as were formerly imposed by your Industrial Waste Permit.

Yours very truly,

William [illegible]
COUNTY ENGINEER

Original Signed

Arthur Pickett
Division Engineer
Industrial Waste Division

AGP-[illegible]
Enc. 1
cc: Eggett
Ransom
Messier
AGP
HWS
BRM (2)
MJD
Permits Issued (2)

AMENDED SPECIAL CONDITIONS AND LIMITATIONS
FOR INDUSTRIAL WASTE PERMIT NO. 47 ISSUED TO
UNITED CONCRETE PIPE CORPORATION
14041 EAST ARROW HIGHWAY, BALDWIN PARK, CALIFORNIA

1. This permit shall apply to the disposal of all liquid industrial wastes produced from de-silting rock and sand from the plant of the United Concrete Pipe Corporation as shown on plot plan submitted to the County Engineer on June 7, 1955.

2. Liquid industrial waste may be disposed of by means of seepage beds on property under control of the above corporation and shall not be permitted to enter the streambed of the San Gabriel River or any tributary thereto of the San Gabriel River or Rio Hondo River except during periods of major storm conditions.

3. During periods of major storm conditions, overflow from said seepage beds may be permitted to discharge into the outlet channel of the Santa Fe Dam by means of a drain as shown in detail on a plan submitted to the County Engineer on May 17, 1955.

4. Liquid industrial waste so discharged shall not contain substances in concentration to be toxic to human, animal, or plant life.

5. No nuisance shall be created by the discharge of liquid industrial waste as herein permitted.

6. Representatives of interested governmental agencies concerned with the disposal of industrial wastes shall be permitted access at any reasonable time to take samples and inspect operations.

7. The County Engineer may modify this permit by addition or elimination of conditions and limitations herein as may be necessary to accomplish the purpose of County Ordinance No. 6130, governing the disposal of waste materials.

8. Violation of any of the conditions of this permit will be cause for suspension or revocation of this permit.

[illegible]

7/11/55

BOARD MEMBERS
RAY C. GORBY, CHAIRMAN
LOS ANGELES
C. E. ARNOLD
LOS ANGELES
RANDALL M. CORTON
SANTA MONICA
FRED C. SNODGRASS
VENTURA
GILBERT C. VAN CAMP
PALM SPRINGS

GOODWIN J. KNIGHT
GOVERNOR

STATE OF CALIFORNIA

KINNE C. LARSON
EXECUTIVE OFFICER

OFFICE OF

REGIONAL WATER POLLUTION CONTROL BOARD NO. 4

LOS ANGELES REGION

ROOM 504, SPRING-ARCADE BUILDING
541 SOUTH SPRING STREET, LOS ANGELES 13
TEL. MA 6-1616, EXT. 2553

RECEIVED

July 12, 1955

Mr. William J. Fox, County Engineer
Room 725 Los Angeles County Engr. Bldg.
108 West Second Street
Los Angeles 12, California

SUBJECT: United Concrete Pipe Corp. (I-593-30)
File No. 55-72

Attention: Mr. Arthur Pickett, Division Engr.
Industrial Waste Division

Dear Sir:

Reference is made to your letter of May 27,1955, relative to application for revision of Los Angeles County Industrial Waste Permit No. 47 by the United Concrete Pipe Corporation for disposal of their waste water into sumps and with discharge of excess to the San Gabriel River immediately downstream of the Santa Fe Dam.

In accordance with administrative procedures established for the handling of industrial waste permits between your office and this Board, a representative of this office met with the Los Angeles County Industrial Waste Committee to review the application of the subject company.

At the meeting of the Los Angeles County Industrial Waste Committee, the following conditions and limitations were formulated.

1. Wastes shall be limited to waste water from washing of gravel and sand and curing of concrete pipe.

2. Wastes disposed of to the watercourse shall not result in a condition of nuisance by reason of unsightliness or excess turbidity imparted to the waters of the San Gabriel River.

3. No sludge deposits shall be formed by reason of the disposal of wastes to the San Gabriel River.

4. In no event shall wastes toxic to human, animal, plant, fish, or bird life be disposed of to the watercourse.

5. From time to time as conditions demand, these requirements may be revised.

It is the opinion of the Executive Officer that a permit issued subject to the above limitations and conditions will meet the requirements of this Regional Board. However, in accordance with Paragraph (e) of the Administrative Procedures, limitations and conditions pertaining to water pollution and nuisance will still require official action by the Board.

Mr. William J. Fox, County Engr.
Los Angeles County

File No. 55-71
United Concrete
Pipe Corporation

Pursuant to Paragraph (f) of the Procedures, it is respectfully requested that a copy of the permit issued to United Concrete Pipe Corporation with its conditions and limitations be forwarded to this office.

Very truly yours,

LINNE C. LARSON, Executive Officer

Matthew G. Eggett
Asst. Executive Officer

MGE:lf

I-593-30

INSPECTOR'S REPORT

TO: [illegible]

FROM: [illegible]

FILE: [illegible]

DATE: 7-14-53

REPORT: [illegible]

BOARD MEMBERS

RAY L. DERBY, CHAIRMAN
Los Angeles
C. E. ARNOLD
Los Angeles
RANDALL M. DORTON
Santa Monica
FRED C. SNODGRASS
Ventura
GILBERT C. VAN CAMP
Terminal Island

GOODWIN J. KNIGHT
GOVERNOR

STATE OF CALIFORNIA

LINNE C. LARSON
EXECUTIVE OFFICER

OFFICE OF

REGIONAL WATER POLLUTION CONTROL BOARD NO. 4

LOS ANGELES REGION
ROOM 504, SPRING-ARCADE BUILDING
541 SOUTH SPRING STREET, LOS ANGELES 13
TEL. MA 6-1515, EXT. 2335

Mr. William J. Fox
County Engineer and Surveyor
108 West Second Street
Los Angeles 12, California

July 29, 1955

Att: Mr. Arthur Pickett, Div. Engr.
Industrial Waste Division

SUBJECT: Los Angeles County Industrial Waste Permit No. 47 Dated 7/11/55
United Concrete Pipe Corporation
(Our File No. 55-71) (I-593-30)

Dear Sir:

Reference is made to your letter of July 11, 1955 to United Concrete Pipe Corporation which transmitted Industrial Waste Permit No. 47 issued to United Concrete Pipe Corp., copies of which were furnished to this Board.

Pursuant to administrative procedures established between your office and this Board, and to prevent a condition of pollution in the receiving waters, and to prevent the creation of a nuisance in the disposal area in compliance with Section 13054 of the State Water Code, the Los Angeles Regional Water Pollution Control Board No. 4 at its regular meeting held on July 28, 1955 approved as the requirements of this Board the conditions and limitations pertaining to water pollution and nuisance to be contained in Los Angeles County Industrial Waste Permit No. 47.

For your convenience there is enclosed a copy of this letter for transmittal to United Concrete Pipe Corp. in accordance with administrative procedures established between your office and this Board.

Very truly yours,

REGIONAL WATER POLLUTION CONTROL BOARD NO. 4

By Linne C. Larson
Linne C. Larson, Executive Officer

(In duplicate)
LCL-MGE/mh
lf/mw

FORM 4-R

WILLIAM J. FOX
COUNTY ENGINEER

ROBERT [illegible]
CHIEF DEPUTY

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
INDUSTRIAL WASTE DIVISION

108 WEST SECOND STREET
LOS ANGELES 12, CALIFORNIA

ARTHUR PICKETT
DIVISION ENGINEER

JOHN [illegible] PARTIN
ASSISTANT DIVISION ENGINEER

XXXXXXXX
MA-9-4747

August 8, 1955

United Concrete Pipe Corporation
P.O. Box 425
Baldwin Park, California

Gentlemen:

SUBJECT: United Concrete Pipe Corporation (I-593-30)

Enclosed herewith is a copy of a letter from the Executive Officer of the State Regional Water Pollution Control Board No. 4 to the County Engineer giving notice that the conditions and limitations contained in Industrial Waste Permit No. 47 issued to you by this office have been formally approved as the requirements of the Board insofar as jurisdiction of that Board is concerned.

This is being transmitted to you for information only and does not require any action by you.

Yours very truly,

William J. Fox
COUNTY ENGINEER

Arthur Pickett

Arthur Pickett
Division Engineer
Industrial Waste Division

AGP-WBB:HP
Encl. (1)

#113-6-53

I-593-30

INSPECTOR'S REPORT

TO: [illegible]

FROM: [illegible]

FILE: [illegible]

[illegible]

DATE: [illegible]

REPORT: [illegible]

76I550L.15 S&E 658 Gb 1-54

I-593-30

INSPECTOR'S REPORT

TO: [illegible]

FROM: [illegible]

FILE: [illegible] I 593-30

CORRECTED — 14041 [illegible] Hwy [illegible]

DATE: 6-27-52

REPORT: [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

76155OL 15 S&E 658 Gb 1-54

I-93-30

INSPECTOR'S REPORT

TO: _____

FROM: _____

FILE: _____

DATE: _____

REPORT: _____

I-593-30

INSPECTOR'S REPORT

TO: [illegible]

FROM: [illegible]

FILE: [illegible]

[illegible]

DATE: [illegible]

REPORT: [illegible]

76I550L15 S&E 658 Gb J-56

I-593-30

INSPECTOR'S REPORT

TO: [illegible]

FROM: [illegible]

FILE: [illegible]

DATE: [illegible]

REPORT: [illegible]

I-593-30

INSPECTOR'S REPORT

TO:

FROM:

FILE:

DATE:

REPORT:

76I550L 15 S&E 658 Ø6 1-54

I-593-30

MAW

INSPECTOR'S REPORT

TO: N. W. Hitaker

FROM: N. W. Dunann

FILE: United Concrete Pipe & Rock Co.
14041 Arrow Hwy.

DATE: 7-15-57

30

I-593

REPORT: Inspection of I.W.P. #47 was made today Mr. Cliff Arch.

It was found that:

1) All waste spay water is recirculated from their seepage pit.

2) The only time water is discharged to San Gabriel River is during a heave rain storm.

3) No violation to permit #47 or ord. 6130

76/550L15 S&E 650 Gb 4-56

I-593

Lab. Copy ..... WHITE
I File Copy ..... BUFF
Field Copy ..... PINK
Num. Copy ..... GREEN

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
INDUSTRIAL WASTE DIVISION

CHEMICAL ANALYSIS

Analysis requested by J. H. STEWART

Sample of DISCHARGE WATER INTO OUTLET CHANNEL OF THE SANTA FE DAM BY UNITED CONCRETE PIPE CORP. *file:* 593-35

Source of suspected contaminants, i.e., character of industrial process, etc. JN. 0786.06

ROCK & SAND WASH WATER & WATER SOFTNER REGENERATION WASTE.

Sample marked 2665 *collected by* LJE

Quantity 1/2 GAL *Date* 1-19-62 *Time of day* 11:00 AM

	PARTS PER MILLION		PARTS PER MILLION
Calcium	24	*Hydroxide*	16
Magnesium	5	*Carbonate*	17
Sodium	50	*Bicarbonate*	0
Iron	0	*Chloride*	36
Manganese	0	*Sulfate*	51
Aluminum	0	*Nitrate*	12
Boron	0	*Sulfide*	0
Chromium	0.012	*Fluoride*	0.2
Silica	16.	*Phosphate*	0
		Cyanide	0
Total Cations	95.012	*Total Anion:*	132.2
		Total Ions (calculated dissolved solids)	227

pH	9.6	*Dissolved Oxygen*	
Hardness (as $CaCO_3$)	82	*Biochemical Oxygen Demand*	
Alkalinity (as $CaCO_3$)	74	*Dissolved Solids*	
Carbon Dioxide (Calc.)	0	*Suspended Solids*	
Phenols		*Total Solids*	
Oil & Grease		*Turbidity*	15
Non-Carbonate, Hardness	48	*Sodium Ratio*	57.5
Conductance K x 10⁻⁶	779		

Remarks or special analyses Complete

Received at laboratory 1-23-62 *Laboratory No.* 16036

Analysis by P & P *Date* 1-29-62

T6C211F—CE 644—Gb 5-58

I-593

Lab. Copy ... WHITE
I File Copy ... BUFF
Field Copy ... PINK
Num. Copy ... GREEN

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
INDUSTRIAL WASTE DIVISION

CHEMICAL ANALYSIS

Analysis requested by J. H. Stewart

Sample of Wastes from Pond at United Concrete Pipe Corp *file:* I-593-35

Source of suspected contaminants, i.e., character of industrial process, etc. 0866.06

Sample marked _____ *collected by* JHS

Quantity 2 Qt. *Date* 1-31-62 *Time of day* 12:00 Noon

	PARTS PER MILLION		PARTS PER MILLION
Calcium	28	*Hydroxide*	0
Magnesium	7	*Carbonate*	17
Sodium	66	*Bicarbonate*	22
Iron	0	*Chloride*	54
Manganese	0	*Sulfate*	49
Aluminum	0	*Nitrate*	84
Boron	0	*Sulfide*	0
Chromium	0.019	*Fluoride*	06
Silica	17	*Phosphate*	0
		Cyanide	0
Total Cations	118.019	*Total Anions*	226.6
		Total Ions (calculated dissolved solids)	334

pH	9.0	*Dissolved Oxygen*	
Hardness (as $CaCO_3$)	96	*Biochemical Oxygen Demand*	
Alkalinity (as $CaCO_3$)	46	*Dissolved Solids*	
Carbon Dioxide (Calc.)	0	*Suspended Solids*	
Phenols		*Total Solids*	
Oil & Grease		*Turbidity*	5
Non-Carbonate, Hardness	50	*Sodium Ratio*	524
Conductance K x 10^{-4}	552		

Remarks or special analyses Complete

Received at laboratory 1-31-62 *Laboratory No.* 16[illegible]

Analysis by PKPV *Date* 2-6-62

76C211P—CE 644—Gb 5-59

E-573

CITY OF _____

APPLICATION FOR INDUSTRIAL WASTE DISPOSAL PERMIT

January 29, 1962

Firm Name UNITED CONCRETE PIPE CORPORATION

Corporation X Partnership _____ Individual _____

Address (of installation) _____

Address (mailing) 14041 East Live Oak, Irwindale Phone No. ED 7-1211

Description of Industry Manufacturing concrete pipe

Description of operation producing waste Cement slurry

Chemicals, solvents, cleaning compound, oils or other substances contained in liquid waste discharge: None

Estimated amount of waste liquids _____

Liquid wastes will be disposed by (*) see below

Description of solid wastes: _____

Solid wastes will be disposed by _____

Additional information (*) We recirculate all of our water within the Plant and reuse it, but in cases of storms and occasional emergencies created in the operation water is caused to spill out of our sump through an 8-inch pipe provided therefor into the Flood Control Channel of the San Gabriel River. ~~The Flood Control District~~

UNITED CONCRETE PIPE CORPORATION

Applicant's Signature

(Secretary)

This application must be forwarded to _____, and

accompanied by an Application Fee of _____ made payable to

_____

6/2/60

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
SAN GABRIEL VALLEY REGION
5903 KAUFFMAN AVENUE
TEMPLE CITY, CALIFORNIA

INSPECTOR'S REPORT

TO:

FROM:

FILE:

DATE:

REPORT:

INSPECTOR'S REPORT

TO: _____

FROM: _____

FILE: _____

_____

DATE: _____

REPORT: _____

May 1[illegible], 19[illegible]

United Concrete Pipe Corporation
[illegible] East Arrow Highway
Baldwin Park, California

Gentlemen:

[illegible]

The [illegible] Code of the City of Irwindale, [illegible] shall not [illegible] any waste material [illegible]

An Industrial [illegible] that your operations at the above location produce waste products included within the scope of the Industrial Waste Ordinance. Therefore, application for an Industrial Waste Permit should be submitted to the City Engineer as soon as possible. An application form is included for your convenience on which the requested information should be indicated. Please forward the application, together with the statutory application fee of $15.00 made payable to [illegible], City Engineer, to his regional office at [illegible] Hoffman Avenue, [illegible] City, California.

[illegible] the permit [illegible] the [illegible] City Engineer. City Council Resolution [illegible] establishes the following [illegible]

For facilities discharging Industrial Wastes in Sanitary Sewers	$75.00
For facilities discharging Water Borne Wastes to the Ground	$25.00

Yours very truly,

John A. Darbis
[illegible]

[illegible] Prevender
Regional Engineer
San Gabriel Valley Region

[illegible]

Enc. 1

bc: [illegible]-593

INSPECTOR'S REPORT

TO:

FROM:

FILE:

DATE:

REPORT:

INSPECTOR'S REPORT

TO:

FROM:

FILE:

DATE:

REPORT:

INSPECTOR'S REPORT

TO: [illegible]

FROM: [illegible]

FILE: [illegible]

DATE: [illegible]

REPORT: [illegible]

INSPECTOR'S REPORT

TO: J. M. Stewart

FROM: Lee J. Colvin

FILE: United Concrete Pipe Corp. I-573-2G
Hawaiian Way Iwr-A3

DATE: 7-25-61

REPORT: Inspected form and reinforcing for concrete poles for Lowe Garden Apts. in order to be used at the Kona.

1-Both Brian Mann and Jon Cotton were on the job when I arrived. I talked with Mr. Mann and he said that they were ready to pour the poles. I told him that I would be back at 1:00 P.M. to inspect the poles.

2-I talked with Brian Mann before I left the job. I told him that I would be back at 1:00 P.M. to inspect the poles.

3-I talked with Brian Mann before I left the job. I told him that I would be back at 1:00 P.M. to inspect the poles.

4-I talked with Brian Mann before I left the job. I told him that I would be back at 1:00 P.M. to inspect the poles.

Lab. Copy ... WHITE
I File Copy ... BUFF
Field Copy ... PINK
Num. Copy ... GREEN

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
INDUSTRIAL WASTE DIVISION

I-593-3S

CHEMICAL ANALYSIS

Analysis requested by JUSTEWART

Sample of FLOW UNITED CONCRETE PIPE CORP. WASTE WATER RECIRCULATION HOLDING PIT. *file:* [illegible]

Source of suspected contaminants, i.e., character of industrial process, etc. 0886.06 UN.

REGENERATION OF WATER SOFTNERS

Sample marked 00195 *collected by* LJC

Quantity 1/2 GAL *Date* 7-24-61 *Time of day* 12 NOON

	PARTS PER MILLION		PARTS PER MILLION
Calcium	30	*Hydroxide*	0
Magnesium	9	*Carbonate*	0
Sodium	34	*Bicarbonate*	73
Iron	0	*Chloride*	50
Manganese	0	*Sulfate*	50
Aluminum	0	*Nitrate*	7
Boron	0	*Sulfide*	0
Chromium	0	*Fluoride*	0.6
Silica	17	*Phosphate*	0
		Cyanide	0
Total Cations	90	*Total Anions*	176.6
		Total Ions (calculated dissolved solids)	229

pH	8.2	*Dissolved Oxygen*	
Hardness (as $CaCO_3$)	114	*Biochemical Oxygen Demand*	
Alkalinity (as $CaCO_3$)	60	*Dissolved Solids*	
Carbon Dioxide (Calc.)	0.6	*Suspended Solids*	
Phenols		*Total Solids*	
Oil & Grease		*Turbidity*	15
Non-Carbonate, Hardness	54	*Sodium Ratio*	40.0
Conductance K x 10^{-6}	508		

Remarks or special analyses COMPLETE

Received at laboratory 7-28-61 *Laboratory No.* ~~15581~~

Analysis by CFJ Pr *Date* 8-15-61

76C211F—CE 644— 06 5-59

U.W.H.

INSPECTOR'S REPORT

TO: [illegible]

FROM: L. J. Cuccia

FILE: Water Control Pipe Co. etc. L-5712-55

[illegible]

DATE: 7-18-61

REPORT: Contacted Mr. [illegible] Water Control Pipe Co. who has been notified by the Los Angeles Flood Control District of Lower Elevations.

I explained to him that because of [illegible] we could not [illegible] the [illegible] of the [illegible] Mr. [illegible] said that he [illegible] [illegible] [illegible]

Henderson

INSPECTOR'S REPORT

TO:

FROM:

FILE:

DATE:

REPORT:

Application returned. Will be resubmitted in 30 days after zeolite regeneration brine is eliminated from wastes JHH

761 550L-15 - CE 658 - Cdb 11-59

August 13, 1962

Mr. M. E. Salsbury
Chief Engineer
L.A. County Flood Control District

Attention Mr. O. D. Hall

Dear Sir:

UNITED CONCRETE PIPE CORP.
CITY OF IRWINDALE
(I-593-3S)

The enclosed application for an Industrial Waste Disposal Permit will be considered at the next meeting of the Industrial Waste Committee Meeting on **September 11, 1962.**

Very truly yours,

John A. Lambie
COUNTY ENGINEER

Original signed

John W. Henderson
Civil Engineer
Industrial Waste Division

JWH-CJF-8:hf

Enc.

August 13, 1962

Mr. Linne C. Larson, Executive Officer
Regional Water Pollution Control Board No. 4
Room 907, California State Building
217 West First Street
Los Angeles 12, California

Attention Mr. L. A. Meyerson

Dear Sir:

UNITED CONCRETE PIPE CO.
CITY OF IRWINDALE--(I-593-38)

In accordance with the procedure established between our offices in the matter of processing applications for Industrial Waste Permits, it is requested that you contact all State agencies which, in your opinion, may be concerned with the proposed operations described in the attached application.

This application will be discussed at the next Industrial Waste Committee Meeting tentatively set for September 11, 1962.

Very truly yours,

John A. Lambie
COUNTY ENGINEER

Original Signed

John W. Henderson
Civil Engineer
Industrial Waste Division

JWH-CJF-8:hf

Enc.

L-10
9-22-61

August 13, 1962

Dr. K. H. Sutherland
Los Angeles County Health Officer
241 North Figueroa Street
Los Angeles 12, California

Attention Mr. Henry L. Messier

Dear Sir:

UNITED CONCRETE PIPE CORP.
CITY OF IRWINDALE--(I-593-38)

In accordance with requirements of Sections 6207 and 6208 of Ordinance No. 6130, your recommendations are requested in the matter of processing the attached application for an Industrial Waste Permit.

This application will be discussed at the next Industrial Waste Committee Meeting tentatively set for **September 11, 1962.**

It is particularly requested that your recommendations be submitted to this Office not later than the week immediately following the Committee Meeting.

Very truly yours,

John A. Lambie
COUNTY ENGINEER

Original Signed

John W. Henderson
Civil Engineer
Industrial Waste Division

JWH:hf
Enc.

L-9

UNITED CONCRETE PIPE (I-593) CITY OF IRWINDALE

This company manufactures concrete pipe at their plant within the City of Irwindale. Prior to the inclusion of this facility into the City of Irwindale, it was regulated by Los Angeles County Industrial Waste Permit No. 47. Process and wash water are normally stored in a sump and recirculated in a closed system. This permit prohibited the discharge of any of this water to the San Gabriel River Flood Control Channel. It was later revised to permit the overflow from the storage sump to go to the San Gabriel River during times of major storms. This company has now requested an Industrial Waste Disposal Permit to be issued by the City of Irwindale to dispose of the overflow from the storage sump to the San Gabriel River at all times.

The purpose of the restriction against the discharge of pond overflow to the San Gabriel River was to prevent the sealing of the surface of the unlined channel by fine suspended solids. The seepage from the pond has proved to be less than the make up wash water and overflow from the pond has occurred during dry weather. Observation of the site indicates that the pond overflow seeps in the river channel immediately adjacent to the overflow point. No significant area in the river channel has been affected by the overflow.

The Industrial Waste Committee decided that the disposal permit, as requested, could be issued with the limitation that the waste water shall not seal off a significant area of the unlined San Gabriel River Channel bottom.

BALL LAUNDRY (I-5428) SAUGUS

This company has applied for an Industrial Waste Disposal Permit to cover the discharge of liquid industrial wastes originating from the operation of a laundromat to an underground disposal system. There will be no water softening equipment installed on the site.

The Industrial Waste Committee decided that a permit would be issued with conditions and limitations similar to the usual conditions and limitations in permits issued for the subsurface disposal of waste water from automobile wash racks with the further limitation that the total dissolved solids content not exceed 1,500 parts per million.

OFFICE OF COUNTY HEALTH DEPARTMENT

October 9, 1962

Mr. John A. Lambie, County Engineer
108 West Second Street
Los Angeles 12, California

Attention: Mr. John W. Henderson, Civil Engineer
Industrial Waste Division

Dear Sir:

Subject: United Concrete Pipe Corporation (I-593-33)
14041 E. Live Oak, City of Irwindale

The Los Angeles County Health Department will have no objection to the issuance of an industrial waste permit to the subject applicant in accordance with their application of January 25, 1962.

Very truly yours.

K. H. SUTHERLAND, M. D.
Health Officer

Henry L. Messier, Asst. Director
Bureau of Sanitation

HLM:vr
cc: Dr. Sutherland
Richard Rinaldi
Leonard Mushin

CITY OF IRWINDALE

October 17, 1962

United Concrete Pipe Corporation
P. O. Box 425
Baldwin Park, California

Gentlemen:

BUILDING AT 14041 EAST ARROW HIGHWAY
CITY OF IRWINDALE (I-593)

Your application for an Industrial Waste Disposal Permit together with your check in the amount of $15 was received in this office on August 6, 1962.

Investigation of your application has been completed and we are now prepared to issue the necessary permit. However, Section 4181 of the Municipal Code of the City of Irwindale requires that you forward the annual permit fee in the amount of $25 before the permit can be issued.

The annual permit fee will cover inspection service costs pertaining to discharge of industrial wastes from your industry.

Yours very truly,

John A. Lambie
CITY ENGINEER

N. F. Bramender
Regional Engineer
San Gabriel Valley Region

[illegible]

cc: City of Irwindale

bc: ELT
I-593

CITY OF IRVINDALE

October 31, 1962

United Concrete Pipe Corporation
Post Office Box 489
Baldwin Park, California

Gentlemen:

UNITED CONCRETE PIPE CORPORATION (I-593-30)

Enclosed is Industrial Waste Disposal Permit No. 47 which sets requirements on the discharge to the San Gabriel River of wash water from the manufacture of concrete pipe at 14041 East Live Oak in the City of Irwindale.

This permit is issued in accordance with the provisions of the Industrial Waste Ordinance of the City of Irwindale, and does not relieve the permittee of the obligation to conform with the requirements of any other governmental agency having jurisdiction.

Yours very truly,

ORIGINAL SIGNED

John A. Lambie
City Engineer

JAL-CJF:iv-8

Enc:

cc: Mr. Lloyd G. Yeloman, City Manager
Los Angeles County Health Officer
Los Angeles County Flood Control District
Regional Water Pollution Control Board No. 4,

bcc: John A. Lambie
L. D. Moore
C. D. Smith

JWH, CJF, REG. 30,
Per. Issd-2,
I-593, I-4234

CITY OF IRWINDALE

INDUSTRIAL WASTE DISPOSAL PERMIT

NO. 47

FILE: I-593-38

DATE: October 31, 1962

Permission is hereby granted under Chapter 1, Article V of the Municipal Code of the City of Irwindale

to UNITED CONCRETE PIPE CORPORATION

P.O. BOX 425, BALDWIN PARK, CALIFORNIA
(Mailing Address)

to discharge or deposit waste or other material from or upon the premises located at

14041 EAST LIVE OAK IN THE CITY OF IRWINDALE

Materials covered by this permit shall consist of:

Wash water produced from the

manufacture of concrete pipe

The above materials shall be disposed of in accordance with the special conditions and limitations attached hereto. Any solid or liquid material or substance not specifically described above shall be disposed of only at an approved legal point of disposal.

This permit is not transferable from one location to another and may be revoked if used contrary to the provisions of this permit or of the above Ordinance.

This permit does not relieve the permittee from the obligation to conform with the requirements of any other governmental agency having jurisdiction.

SIGNED

JOHN A. LAMBIE
CITY ENGINEER

SPECIAL CONDITIONS AND LIMITATIONS
INDUSTRIAL WASTE DISPOSAL PERMIT NO. 47
UNITED CONCRETE PIPE CORPORATION (I-593-38)
CITY OF IRWINDALE

---

1. This permit is issued to the United Concrete Pipe Corporation for the disposal of industrial wastes produced from the manufacture of concrete pipe at 14041 East Live Oak in the City of Irwindale.

2. Wash water from the manufacture of concrete pipe may be discharged to an unlined storage sump on the site.

3. Overflow wash water from the storage sump may be discharged to the San Gabriel River provided it does not seal off a significant area of the unlined river bottom.

4. The water discharged shall not contain substances in concentrations capable of imparting objectionable color, taste or odors to surface or underground water.

5. In no event shall any substances be discharged in concentrations toxic to human, animal, or plant life.

6. All liquid industrial waste and water soluble solid wastes produced at the above location and not acceptable for disposal at this site shall be stored in impervious containers pending transportation to a legal point of disposal. The permittee shall certify by signing waste hauler's reports, the material, source, quantity and point of disposal for all such wastes removed from the premises for disposal at any other location. The signed original of this report shall be forwarded to the City Engineer as indicated thereon.

7. Representatives of interested governmental agencies concerned with the disposal of industrial wastes shall be permitted access at any reasonable time to take samples and inspect operations.

8. The City Engineer may modify this permit by addition or elimination of conditions as may be necessary to accomplish the purposes of ordinances, laws, or regulations covering the disposal of industrial wastes.

9. The City Engineer shall be notified and his written approval secured before making any additions and modifications which may affect the quantity, quality, or method of disposal of waste materials.

10. Waste disposal operations shall be conducted in such a manner that no nuisance is created.

11. Violation of any of the conditions of this permit shall be cause for suspension or revocation of this permit.

CJF:iw-8

10/29/62

BOARD MEMBERS

RAY L. DIEBY, CHAIRMAN
LOS ANGELES

FRANK G. BONELLI
LOS ANGELES

RICHARD B. LANE
LOS ANGELES

MILDRED MCDOWELL
NORWALK

JOHN E. O'MALLEY
GRANADA HILLS

FRED C. TROGGRASS
VENTURA

JOHN C. WENTZ
BEVERLY HILLS

EDMUND G. BROWN
GOVERNOR

STATE OF CALIFORNIA

OFFICE OF

REGIONAL WATER POLLUTION CONTROL BOARD NO. 4

LOS ANGELES REGION

ROOM 224, SPRING ARCADE BUILDING
541 SOUTH SPRING STREET, LOS ANGELES 13
TEL. MA 0-1515, EXT. 2535
MA 0-4460

COUNTY ENGINEER
REPLY ___ ACTN ___ INFO ___
REFR TO
DEC 14 9 13 AM '62
REPT TO ___ PREP REPLY ___
LBK ___ CDS ___ LOM ___

LINNE C. LARSON
EXECUTIVE OFFICER

December 13-1962

Mr. John A. Lambie, Engineer
City of Irwindale
108 West Second Street - Room 224
Los Angeles 12, California

Attention: Mr. ~~Arthur Pickett~~ John L. Partin, Division Engineer
Industrial Waste Division

Dear Sir:

Re: Indus. Waste Permit # 47
Permittee: United Concrete Pipe Corporation
Operations Address: 14041 East Live Oak, Irwindale
Your File Number: I-593
Our File Number: 55-71

Reference is made to copy furnished to this Board of your letter which transmitted the subject Industrial Waste Permit to the Permittee.

Pursuant to administrative procedures established between your office and this Board and to prevent a condition of pollution and/or nuisance in the receiving waters, this Regional Water Pollution Control Board No. 4, at its regular meeting held on December 12, 1962, and in accordance with authority granted in Section 13054 of the Water Code of the State of California, approved as its requirements the conditions and limitations pertaining to water pollution and nuisance to be contained in the above referenced Industrial Waste Permit.

For your convenience there is enclosed a copy of this letter for transmittal to the Permittee.

Very truly yours,

REGIONAL WATER POLLUTION CONTROL BOARD NO. 4

LINNE C. LARSON, Executive Officer

LCL:IF
(In duplicate)

FORM R-3A

FILE I-593

December 17, 1962

United Concrete Pipe Corporation
14041 East Live Oak
Irwindale, California

Gentlemen:

UNITED CONCRETE PIPE CORPORATION (I-593)

Enclosed is a copy of a letter from the Executive Officer of the State Regional Water Pollution Control Board No. 4 to the County Engineer giving notice that the Conditions and Limitations contained in Industrial Waste Permit No. 47 issued to you by this Office have been formally approved as to the requirements of the Board insofar as jurisdiction of that Board is concerned.

This is being transmitted to you for information only and does not require any action by you.

Very truly yours,

John A. Lambie
COUNTY ENGINEER

Original Signed

John W. Henderson
Civil Engineer
Industrial Waste Division

AGP-JWH-hf

Enc.

#113 9/22/61

INSPECTOR'S REPORT

TO:

FROM:

FILE:

DATE:

REPORT:

REQUEST FOR I NUMBER

I _____

W.S. _____

Name _____

Address of Industry _____

_____ Locality _____
(Do not show mailing address located elsewhere)

Between _____ & _____

RECORDS SQUAD MUST BE FURNISHED WITH THE FOLLOWING ITEMS TO ENABLE PLOTTING THE PROPERTY ON OUR INDEX MAPS

1. A plot or sketch showing dimensions of the property and ties to cross streets

2. Legal (Optional) Lot _____ Blk. _____ Tr. _____

By _____ Date _____

- - - -

INSPECTOR'S REPORT

TO: [illegible]

FROM: [illegible]

FILE: [illegible]

DATE: 4-6-84

REPORT: INSPECTION WAS MADE [illegible]

[illegible]

[illegible]

[

CITY OF IRWINDALE

November [illegible], [illegible]

United Concrete Pipe Corporation
Post Office Box [illegible]
Baldwin Park, California

Gentlemen:

[illegible]
[illegible]

The disposal of [illegible] waste [illegible] plant at [illegible] Irwindale, is covered by permit No. [illegible] issued October 31, [illegible].

City Council Resolution No. [illegible] established an annual fee of [illegible] which must be paid to the City Engineer to cover inspection service cost under this permit.

Please make your remittance for the period starting October [illegible], [illegible] to John A. Lambie, City Engineer, [illegible] North [illegible] Avenue, Temple City.

Yours very truly,

John A. Lambie
CITY ENGINEER

[illegible]

[illegible]
Regional Engineer
San Gabriel Valley Region

[illegible]

cc: City of Irwindale

cc: [illegible]

548.35

T-7

INSPECTOR'S REPORT

TO: _____

FROM: _____

FILE: _____

_____

DATE: _____

REPORT: _____

_____

_____

_

CITY OF [illegible]

October 31, 19[illegible]

United Concrete Pipe Corporation
Post Office Box 125
Baldwin Park, California

Gentlemen:

UNITED CONCRETE PIPE CORPORATION
(I-573-38)

The disposal of industrial waste from your plant at [illegible] Live Oak, Rosedale, is covered by permit [illegible], [illegible] issued October 31, 19[illegible].

City Council Resolution No. [illegible] establishes an annual fee of $25 which must be paid to the City Engineer to cover inspect on service cost under this permit.

Please make your remittance for the period starting October 31, 19[illegible] to John A. Knobie, City Engineer, [illegible] North Kaufman Avenue, Temple City.

Yours very truly,

John A. Knobie
CITY ENGINEER

Robert [illegible] Miller
Regional Engineer
San Gabriel Valley Region

[illegible]

cc: City of Rosedale

dc: CO I-573-38
FLT

CITY OF IRVINE

October 30, 1964

I-0593-35

United Concrete Pipe Corporation
Post Office Box 493
Baldwin Park, California

Gentlemen:

UNITED CONCRETE PIPE CORPORATION
(I-593-35)

The disposal of industrial waste from your plant at 14901 East Live Oak, Irvindale, is covered by permit No. 47 issued October 31, 1961.

City Council Resolution No. 59-34 establishes an annual fee of $25 which must be paid to the City Engineer to cover inspection service cost under this permit.

Your permit expires October 31, 1965, unless it is renewed. To renew your permit, please send the fee for the period starting October 31, 1965 to John A. Lambie, City Engineer, 5905 North Kauffman Avenue, Temple City, California.

Yours very truly,

John A. Lambie
CITY ENGINEER

ORIGINAL SIGNED

Gordon W. Kriegel
Regional Engineer

GWK:LJC:mb

cc: City Manager

dc: CO I-593-35
LJC

INSPECTOR'S REPORT

TO: LEO J. COLLINS

FROM: ROBERT R.W. HARTLEY

FILE: I-593 UNITED CONCRETE PIPE CO.

14041 LIVE OAK AVE

DATE: 6-19-69

REPORT: NO VIOLATION OF PERMIT # 47 OBSERVED AT THIS TIME.

761550L-15 - CE 658 - Cdb 3-69

CITY OF IRWINDALE

October 30, 1969

United Concrete Pipe Corporation
Post Office Box 425
Baldwin Park, California

Gentlemen:

[illegible] CONCRETE PIPE CORPORATION
(I-593-38)

The discount of industrial waste from your plant at 14041 East Live Oak, Irwindale, is covered by permit No. 47 issued October 31, 1962.

City Council Resolution No. [illegible] establishes an annual fee of [illegible] which must be paid to the City Engineer to cover inspection service cost under this permit.

Your permit expires October 31, 1969, unless it is renewed. To renew your permit, please send the fee for the period starting October 31, 1969 to John A. Lambie, City Engineer, 5908 North Kauffman Avenue, Temple City, California.

Yours very truly,

John A. Lambie
CITY ENGINEER

[illegible]

Gordon W. Kriegel
Regional Engineer

GWK:LJC:vm

cc: City Manager

cc: [illegible]
LJC

CITY OF IRWINDALE

October 26, 1970

United Concrete Pipe Corporation
Post Office Box 425
Baldwin Park, California

Gentlemen:

UNITED CONCRETE PIPE CORPORATION
(I-593-3[illegible])

The disposal of industrial waste from your plant at 14041 East Live Oak, Irwindale, is covered by permit No. 47 issued October 31, 1967.

City Council Resolution No. 59-34 establishes an annual fee of [illegible] which must be paid to the County Engineer to cover inspection service cost under this permit.

Your permit expires October 31, 1970, unless it is renewed. To renew your permit, please send the fee for the period starting October 31, 1970 to John A. Lambie, County Engineer, 5900 North Rauffman Avenue, Temple City, California.

Yours very truly,

John A. Lambie
COUNTY ENGINEER

Gordon [illegible] Kriesel
Regional Engineer

TEMPLATIVE

cc: Mr. Douglas I. Flautt, City Manager

dc: CO I-593-3[illegible]
LJC

CITY OF [illegible]

October [illegible], 1971

United Concrete Pipe Corporation
Post Office Box [illegible]
[illegible] Park, California [illegible]

Gentlemen:

UNITED CONCRETE PIPE CORPORATION
([illegible])

The disposal of industrial waste from your plant at 14041 East Five Oak, Irwindale, is covered by permit No. [illegible] issued October [illegible], 1969.

City Council Resolution No. [illegible] established an annual fee of [illegible] which must be paid to the County Engineer to cover inspection service cost under this permit.

Your permit expires October [illegible], 1971, unless it is renewed. To renew your permit, please send the fee for the period [illegible] October [illegible], 1971 to [illegible], County Engineer, [illegible] North [illegible], Temple City, California.

Yours very truly,

Harvey [illegible]
COUNTY ENGINEER

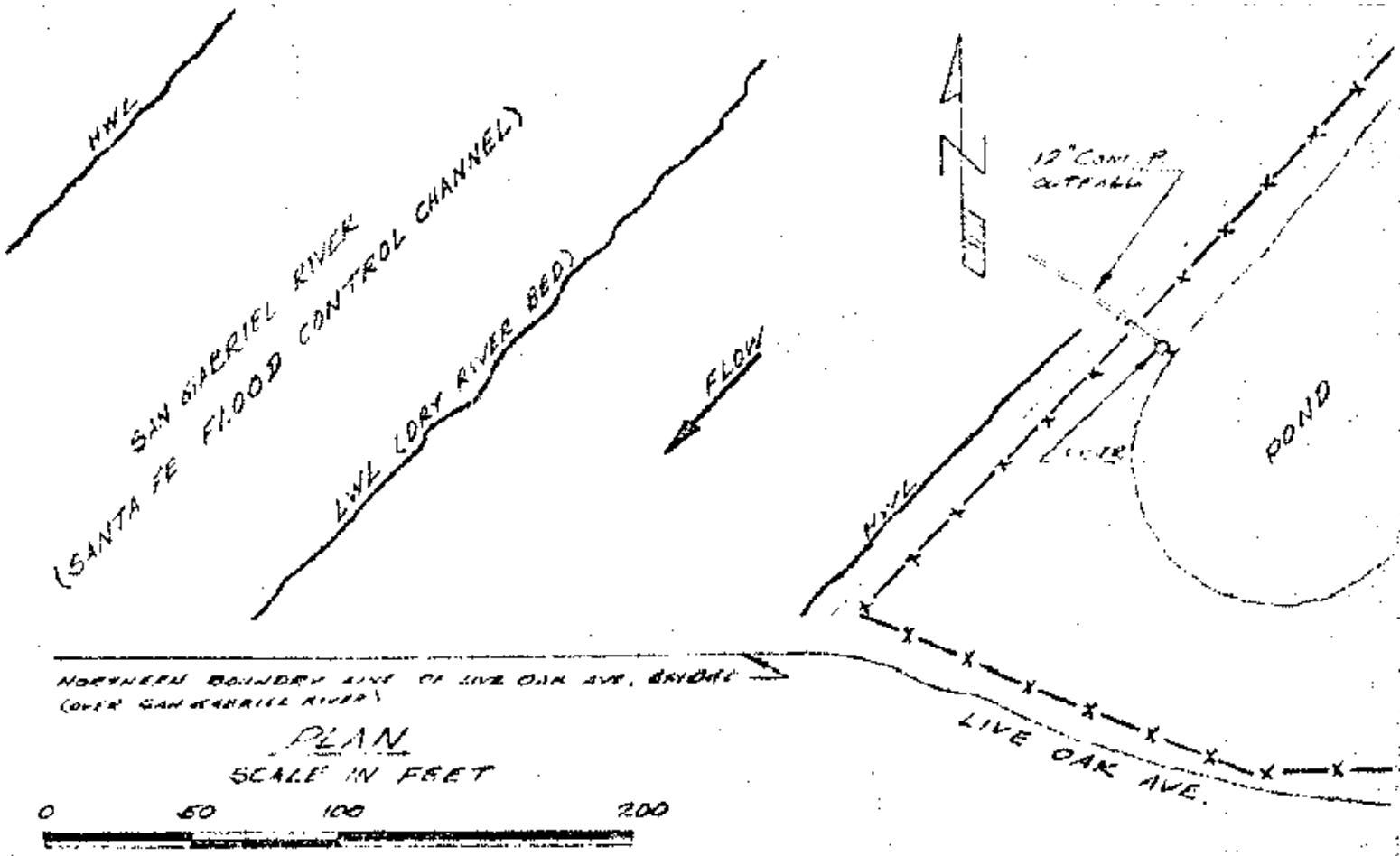
[illegible]

Gordon [illegible]
Regional Engineer

GWK: [illegible]

cc: Mr. Douglas [illegible], City Manager

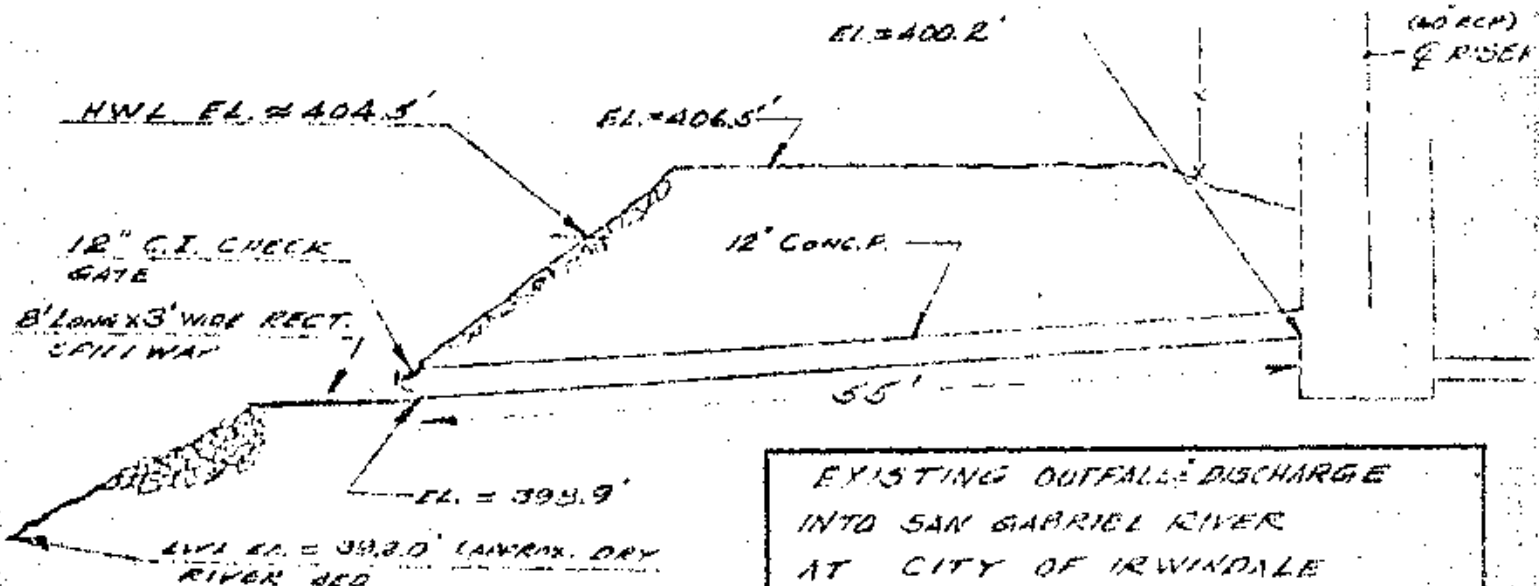
[illegible]



PLAN

SCALE IN FEET

0 60 100 200



ELEVS. ARE BASED ON L.A. COUNTY ENGINEER'S DATUM

PROFILE

NO SCALE

EXISTING OUTFALL DISCHARGE INTO SAN GABRIEL RIVER AT CITY OF IRWINDALE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

APPLICATION BY UNITED CONCRETE PIPE CORPORATION. DATE: 6-10-71

SHT. 2 OF 2

PART B

(Office use only)

206

Discharge Serial No.

001

B-2. CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

Intake		Discharge									
PARAMETER AND CODE	(1) UNTREATED INTAKE WATER	(2) TREATED INTAKE WATER	(3) MAXIMUM CONCENTRATION	(4) MAXIMUM POUNDS PER PROCESS UNIT	(5) MAXIMUM POUNDS PER DAY	(6) DAILY AVG. CONCENTRATION	(7) AVERAGE POUNDS PER DAY	(8) SAMPLE TYPE	(9) SAMPLE FREQUENCY	(10) METHOD OF ANALYSIS	(11) CONTINUOUS MONITORING
ACIDITY (as $CaCO_3$) 00435											
TOTAL ORGANIC CARBON (T.O.C.) 00680											
TOTAL HARDNESS 00900	151		151	0.57	249	149	249	A	0	S	A
NITRITE (as N) 00615		SEE REMARKS									
ORGANIC NITROGEN 00605	3.8		1.8	Less Than .01	3.0	1.8	3.0	A	0	S	A
PHOSPHORUS-ORTHO (as P) 70507											
SULFATE 00945	16		60	0.23	100	60	100	A	0	S	A
SULFIDE 00746	0.00		0.0	0.00	0.0	0.00	0.0	A	0	S	A
SULFITE 00740											
BROMIDE 71870											

ENG FORM 4345-1 JUN 71

PART B

(Office use only) 206

Discharge Serial No. 001

B-2. (cont.) CHLMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

	Intake		Discharge								
PARAMETER AND CODE	UNTREATED INTAKE WATER (1)	TREATED INTAKE WATER (2)	MAXIMUM CONCENTRATION (3)	MAXIMUM POUNDS PER DAY PER PROCESS UNIT (4)	MAXIMUM POUNDS PER DAY (5)	DAILY AVG. CONCENTRATION (6)	AVERAGE POUNDS PER DAY (7)	SAMPLE TYPE (8)	SAMPLE FREQUENCY (9)	METHOD OF ANALYSIS (10)	CONTINUOUS MONITORING (11)
CHLORIDE 00940	5.0		5.0	0.35	155	93	155	A	O	S	A
CYANIDE 00720											
FLUORIDE 00951											
ALUMINUM-TOTAL 01105	250		250	Less than .001	0.27	160	0.27	A	O	S	A
ANTIMONY-TOTAL 01097		SEE REMARKS									
ARSENIC-TOTAL 01002											
BARIUM-TOTAL 01007	100		100	Less than .001	0.10	60	0.10	A	O	S	A
BERYLLIUM-TOTAL 01012											
BORON-TOTAL 01022											
CADMIUM-TOTAL 01027											

PART B

(Office use only)

206

Discharge Serial No.

001

B-2. (cont.) CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

Intake		Discharge										
PARAMETER AND CODE	(1) UNTREATED INTAKE WATER	(2) TREATED INTAKE WATER	(3) MAXIMUM CONCENTRATION	(4) MAXIMUM POUNDS PER DAY PER PROCESS UNIT	(5) MAXIMUM POUNDS PER DAY	(6) DAILY AVG. CONCENTRATION	(7) AVERAGE POUNDS PER DAY	(8) SAMPLE TYPE	(9) SAMPLE FREQUENCY	(10) METHOD OF ANALYSIS	(11) CONTINUOUS MONITORING
CALCIUM-TOTAL 00916											
CHROMIUM-TOTAL 01034	A		A	A	A	A	A				
COBALT-TOTAL 01037											
COPPER-TOTAL 01042											
IRON-TOTAL 01045	680	SEE REMARKS	680	Less than .01	0.78	470	0.78	A	O	S	A
LEAD-TOTAL 01051											
MAGNESIUM-TOTAL 00927											
MANGANESE-TOTAL 01055											
MERCURY-TOTAL 71900											
MOLYBDENUM-TOTAL 01062											

ENG FORM 4345-1 JUN 71

PART B

(Office use only) 206

Discharge Serial No. 001

B-2. (cont.) CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

Intake	Discharge										
PARAMETER AND CODE	UNTREATED INTAKE WATER (1)	TREATED INTAKE WATER (2)	MAXIMUM CONCENTRATION (3)	MAXIMUM POUNDS PER DAY PER PROCESS UNIT (4)	MAXIMUM POUNDS PER DAY (5)	DAILY AVG. CONCENTRATION (6)	AVERAGE POUNDS PER DAY (7)	SAMPLE TYPE (8)	SAMPLE FREQUENCY (9)	METHOD OF ANALYSIS (10)	CONTINUOUS MONITORING (11)
NICKEL-TOTAL 01067											
POTASSIUM-TOTAL 00937	2.8		2.8	0.04	17.5	10.5	17.5	A	O	S	A
SELENIUM-TOTAL 01147											
SILVER-TOTAL 01077		SEE REMARKS									
SODIUM-TOTAL 00929	8.6		8.6	0.32	142	84.8	142	A	O	S	A
THALLIUM-TOTAL 01059											
TIN-TOTAL 01102											
TITANIUM-TOTAL 01152											
ZINC-TOTAL 01092											
OIL AND GREASE 00560	0.5		0.5	Less than 0.01	1.2	0.7	1.2	A	O	S	A

PART B

(Office use only)

206

Discharge Serial No.

001

B 2. (cont.) CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2)

	Intake	Discharge									
PARAMETER AND CODE	(1) UNTREATED INTAKE WATER	(2) TREATED INTAKE WATER	(3) MAXIMUM CONCENTRATION	(4) MAXIMUM POUNDS PER PROCESS UNIT	(5) MAXIMUM POUNDS PER DAY	(6) DAILY AVG. CONCENTRATION	(7) AVERAGE POUNDS PER DAY	(8) SAMPLE TYPE	(9) SAMPLE FREQUENCY	(10) METHOD OF ANALYSIS	(11) CONTINUOUS MONITORING
PHENOLS 32730	Less than 10		Less than 10	Approx zero	Less than 0.02	Less than 10	Less than .02	A	0	S	A
SURFACTANTS 38260											
ALGICIDES* 74051		SEE REMARKS									
CHLORINATED HYDROCARBONS* (EXCEPT PESTICIDES) 74052											
PESTICIDES* 74053											

*Name specific compound(s) and fill in the required data for each. Use extra blanks at the end of the form and the "Remarks" space as necessary.

EPA FORM 4345-1 JUN 71

CITY OF IRWINDALE

October 27, 1972

United Concrete Pipe Corporation
Post Office Box 425
Baldwin Park, California

Gentlemen:

UNITED CONCRETE PIPE CORPORATION
(I-593-38)

The disposal of industrial waste from your plant at 14041 East Live Oak, Irwindale, is covered by permit No. 47 issued October 31, 1962.

City Council Resolution No. 59-34 establishes an annual fee of $25 which must be paid to the County Engineer to cover inspection service costs under this permit.

Your permit expires October 31, 1972, unless it is renewed. To renew your permit, please send the fee for the period starting October 31, 1972 to Harvey T. Brandt, County Engineer, 5908 North Kauffman Avenue, Temple City, California.

Yours very truly,

Harvey T. Brandt
COUNTY ENGINEER

ORIGINAL SIGNED

Gordon W. Kriegel
Regional Engineer

GWK:LJC:kj

cc: Mr. Douglas J. Flautt, City Manager

dc: I-593-38
LJC

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
PROJECT PLANNING AND POLLUTION CONTROL DIVISION

INSPECTOR'S REPORT

TO: Leo J. Collins DATE: 5/2/73

FROM: Jerry Y. Wong FILE: I #593

INDUSTRY: United Concrete Pipe Corp.
14041 E. Live Oak Ave., Irwindale

REPORT: Following items requested by Carl Sjoberg:

Quantities: Water intake from well, 600,000 gallons per day.

Water usage in plant:

(1) Cooling water 10,000 gallons per day.

(2) Boiler feed water 100,000 gallons per day.

(3) Process water (concrete curing) 470,000 gallons per day.

(4) Domestic waste usage 20,000 gallons per day.

Waste water discharges:

1. Underground disposal 180,000 gallons per day.

2. Overflow to channel 200,000 gallons per day.

Treatment Facilities: Unlined settling pond, approx. 43,000 sq. ft. area, with overflow to San Gabriel River. The settling pond is of such capacity that the water is retained for approx. two weeks.

Disposal: Seepage into ground from unlined pond. Overflow from pond to San Gabriel River.

Type of Industrial Waste:

(1) Boiler blowdown with Chem-Aqua #100 and #900 (National Chemsearch Corp.) used for treatment of intake water.

(2) Boiler softener discharge.

(3) Washdown process area

(4) Water discharge from concrete curing process

CITY OF IRWINDALE

October 23, 1973

United Concrete Pipe Corporation
Post Office Box 425
Baldwin Park, California

Gentlemen:

UNITED CONCRETE PIPE CORPORATION
(1-593-38)

The disposal of industrial waste from your plant at 14041 East Live Oak, Irwindale, is covered by permit No. 47 issued October 31, 1962.

City Council Resolution No. 59-34 establishes an annual fee of $25 which must be paid to the County Engineer to cover inspection service costs under this permit.

Your permit expires October 31, 1973, unless it is renewed. To renew your permit, please send the fee for the period starting October 31, 1973 to Harvey T. Brandt, County Engineer, 5906 North Kauffman Avenue, Temple City, California.

Yours very truly,

Harvey T. Brandt
COUNTY ENGINEER

[illegible]

Gordon W. Ariegel
Regional Engineer

GWK:LJC:kj

cc: Mr. Charles Martin, Acting City Manager

dc: I-593-38
LJC

GROUND DISPOSAL PERMIT
SELF-MONITORING INFORMATION INVENTORY

Region So
Date 4-12-73
RETURN BY 4-20-73

A new ground disposal permit with self-monitoring provisions will be written for this firm. The information below is as reflected in I-files and latest IBM runs in the Downey office. Please make an ON-SITE check of ALL data items below and correct where necessary. Items circled require special attention. Use extra sheets or inspector's reports if more space is needed. Return to [illegible] Rm 56 Downey, 923-7721, ext. 272.

IBM DATA: (Make corrections by crossing out present data, DO NOT ERASE)

I-No. 593 Insp. Status [illegible] Region/City 33 [illegible]

Name of Firm UNITED CONCRETE PIPE CORP

House No. 14041 Comp. Pt. 5 Street Name [illegible] OAK AVE

Permit No. 7097 Ind. Class. 2-7 SM Dist. — Disp. Code 39

I-FILE DATA:

Process-- [illegible]

Wastes-- [illegible]

Quantities-- [illegible]

Treatment Facilities-- [illegible]

Disposal-- [illegible]

Remarks-- [illegible]

Confirmed in field by [illegible] Date [illegible]

Lab. Copy ..... WHITE
I File Copy ..... CANARY
Field Copy ..... PINK

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
INDUSTRIAL WASTE DIVISION

CHEMICAL ANALYSIS

Analysis requested by JOE BANDA (P.P.P.C.) *Job No.* 0415.00

Sample of UNITED CONCRETE PIPE CORPORATION

14041 LIVE OAK, IRWINDALE *file:* I-593

Source of suspected contaminants, i.e., character of industrial process, etc.

WASTE WATER POND CONTAINING; CONCRETE CURING WATER, & BOILER BLOWDOWN

Sample marked SAMPLE #1 *collected by* DAVE LOBATO

Quantity 2 QTS. *Date* 5-22-74 *Time of day* 11:00 AM

	PARTS PER MILLION		PARTS PER MILLION
Calcium		*Hydroxide*	
Magnesium		*Carbonate*	
Potassium		*Bicarbonate*	
Sodium		*Chloride*	136
Iron		*Sulfate*	30
Manganese		*Nitrate*	
Aluminum		*Sulfide*	
Boron		*Fluoride*	
Chromium, hexavalent		*Phosphate*	
Silica		*Cyanide*	
Total Cations		*Total Anions*	
		Total Ions (calculated dissolved solids)	

pH	9.0	*Dissolved Oxygen*	
Hardness (as $CaCO_3$)		*Biochemical Oxygen Demand*	
Alkalinity (as $CaCO_3$)		*Dissolved Solids*	511
Carbon Dioxide (Calc.)		*Suspended Solids*	15
Phenols		*Total Solids*	
Oil & Grease		*Turbidity*	
Non-Carbonate Hardness		*Sodium Ratio*	
Conductance, micromhos	520	*A B S*	
		Total Iron	
		Total Manganese	

Remarks or special analyses TDS, CHLORIDES, SULPHATE, PH, SETTLEABLE SOLIDS & SUSPENDED SOLIDS

~~+.04 mg~~ ml/lt

Received at laboratory 5/24/74 *Laboratory No.* 26149

Analysis by R.A. & S.I *Date* 5/31/74

76C211F--CE 644--REV.--12/64

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

107 South Broadway - Room 4027
Los Angeles, California 90012
(213) 620-4460

Public Notice No. 74-323
NPDES No. CA0001597

NOTICE

APPLICATION FOR WASTE DISCHARGE REQUIREMENTS
(National Pollutant Discharge Elimination System Permit)

FOR

UNITED STATES PIPE AND FOUNDRY COMPANY
Concrete Pipe Division

United States Pipe and Foundry Company, Concrete Pipe Division, 14041 East Live Oak Avenue, Baldwin Park, California, has filed a Report of Waste Discharge and has applied for requirements for the discharge of wastes.

United States Pipe and Foundry Company, Concrete Pipe Division, manufactures concrete pipe at the above address in the Cities of Baldwin Park and Irwindale, and discharges up to 200,000 gallons per day of holding pond bleed-off, consisting of concrete curing water, boiler blowdown, water softener regeneration wastes, cooling water, steam condensate, and storm runoff, directly into San Gabriel River, approximately 200 feet north of the Live Oak Avenue bridge, above the tidal prism.

On the basis of preliminary staff review and application of lawful standards and regulations, the California Regional Water Quality Control Board, Los Angeles Region, tentatively proposes to issue waste discharge requirements, including effluent limitations and special conditions. Persons wishing to comment upon or object to the tentative discharge requirements are invited to submit same in writing to the above address no later than November 14, 1974. All comments or objections received by that date will be considered in the formulation of final determinations regarding the waste discharge. If no objections are received, the Regional Board will issue discharge requirements. A public hearing will be held by the Board on November 18, 1974, at 107 South Broadway, Room 1138, Los Angeles, California. Interested persons are invited to attend. The Board will hear any testimony pertinent to the waste discharge and the tentative waste discharge requirements. Oral statements will be heard; however, for the accuracy of the record, all important testimony should be in writing. The hearing will begin at 10:00 a.m.

The Report of Waste Discharge, related documents, tentative requirements, comments received, and other information are on file and may be inspected at 107 South Broadway, Room 4027, Los Angeles, California, 90012, between the hours of 8:00 a.m. and 4:00 p.m. Arrangements for copies may be made.

Date OCT - 7 1974

CA0001597

OCT. 7 1974

With respect to the public notice, in accordance with the Federal Water Pollution Control Act, as amended in 1972, and the California Administrative Code, you are required to follow the enclosed instructions for publication and posting of the notice not later than October 10, 1974.

Failure to publish the notice will prevent the adoption of waste discharge requirements; to discharge without requirements subjects you to civil penalties of up to $10,000 for each day in which such discharge occurs. Failure to publish the notice by the above date will force us to reschedule this item for a later hearing and will require the publication and posting of a second notice. Please notify this Board by telephone when the notice has been published and submit the proof of publication as required in the enclosed instructions.

Proof of posting and publication of the notice must be submitted to the Executive Officer of this Regional Board by October 29, 1974.

If you have any questions, please call us at (213) 620-4460.

Very truly yours,

RAYMOND M. HERTEL
Executive Officer

cc: Environmental Protection Agency, Region IX,
Regional Administrator, Attention: Permits Branch
United States Army Corps of Engineers
State Water Resources Control Board
Department of Fish and Game, Region 5
Department of Health, Water Sanitation Section
Department of Water Resources
Natural Resources Defense Council, Inc.
~~Commerce Clearing House, Incorporated~~
~~Soil Conservation Service, Davis~~
~~Clean Water Project~~
United States Department of the Interior,
Division of River Basin Studies
~~Interstate Electronics Corporation~~
Los Angeles County Flood Control District
County of Los Angeles, Department of Health Services
City of Baldwin Park
City of Irwindale
NOAA, National Marine Fisheries Service

Enclosures
RKD:rrs

INSTRUCTIONS TO APPLICANT FOR
WASTE DISCHARGE REQUIREMENTS
UNITED STATES PIPE AND FOUNDRY COMPANY
Concrete Pipe Division
CA0001597

Five copies of a notice of your report of waste discharge and a statement of posting form are enclosed. You are directed to post two copies of the notice in conspicuous places accessible to the public in the locality to be affected by the proposed discharge by October 10, 1974.

You must file with this office proof of such posting. Proof of posting shall consist of a statement executed on the enclosed form to be submitted to this Board by October 29, 1974.

You are also directed to have this notice published in the Los Angeles Herald-Examiner or Los Angeles Times for five consecutive days, with the expense of publication to be paid by the discharger. The first notice must be published no later than October 10, 1974.

You must file with this office proof of publication. Proof of publication shall consist of an affidavit of the publisher or foreman of the newspaper, with copy of the notice, as published, attached. This must be submitted to this Board by October 29, 1974.

Failure to post and publish the public notice as instructed by the specified date will force us to reschedule this item for a later hearing and will require the posting and publication of a second notice.

Original signed by
Raymond M. Hertel

RAYMOND M. HERTEL
Executive Officer
California Regional Water Quality
Control Board, Los Angeles Region

REQUEST FOR: I-NUMBER [ ] DATA CHANGE [✓]

W.S. _____

When requesting a new I-No., fill in B and C only.

When requesting a Data Change, fill in A completely and fill in only items to be changed in B.

A: (Fill in data as it appears on I.B.M. list now.)

I-No. 593

Name [illegible] Concrete Pipe Corp.

Address 14[illegible] E. Live Oak Ave Zip Code _____

B: (Fill in new data as you want it to appear on the next I.B.M. list.)

Name U.S. Pipe and Foundry Company

Address _____ Zip Code _____

Region-City _____ Status _____ Permit No. _____

Classif. _____ SMD _____ Disp. Code _____

C: Show plot or sketch showing dimensions of the property and ties to cross streets.

Located between streets _____ & _____

By [illegible] Date 10/[illegible]

PROCESSING

File folder & indexing by [illegible]

Plotted by _____

City or unincorporated _____

For Office Use Only

IBM _____ Folder _____

No. Kx. _____ Typ. Al. _____

X Off Al. _____ Card _____

#162 Rev. 2/7/68

October 24, 1974

United Concrete Pipe Corporation
Post Office Box 425
Baldwin Park, California [illegible]

Gentlemen:

[illegible] CORPORATION
[illegible]

The disposal of industrial waste from your plant at [illegible] East Live Oak, Irwindale, is covered by permit No. 47 issued October 31, 19[illegible].

City Council Resolution No. [illegible] establishes an annual fee of [illegible] which must be paid to the County Engineer to cover inspection service costs under this permit.

Your permit expires October 31, 1974, unless it is renewed. To renew your permit, please send the fee for the period starting October 31, 1974 to Harvey T. Brandt, County Engineer, [illegible] North Kauffman Avenue, Temple City, California.

Yours very truly,

Harvey T. Brandt
COUNTY ENGINEER

Gordon W. Griegel
Regional Engineer

[illegible]

cc: Mr. Charles Martin, Acting City Manager

dc: 1-593-38
[illegible]

RECEIVED
OCT 2[illegible] 1974
[illegible]

I-593

UNITED STATES PIPE AND FOUNDRY COMPANY
CONCRETE PIPE DIVISION
P.O. Box 429 • Telephone (213) 337-1211 • Baldwin Park, California 91706

October 25, 1974

County of Los Angeles
Department of County Engineer
San Gabriel Valley Region
5908 North Kauffman Avenue,
Temple City, California

Attention: Harvey T. Brandt, County Engineer

Subject: Industrial Waste Disposal Permit No. 47
(I-593-3S)

Gentlemen:

Please find attached a check for $25.00 payable to the County Engineer, to cover inspection service costs.

Please consider this a request to renew the permit and please change the name to: U. S. Pipe and Foundry Company, Concrete Pipe Division.

Very truly yours,

R. S. Mills
Plant Manager

RSM/hp
Encl. $25.00 Check

Copy: Mr. Charles Martin, Acting City Manager

October 30, 1975

U. S. Pipe and Foundry Company, Concrete Pipe Division
Post Office Box 429
Baldwin Park, California 91708

Gentlemen:

U.S. PIPE AND FOUNDRY COMPANY
(I-593-38)

The disposal of industrial waste from your plant at 14041 East Live Oak, Irwindale, is covered by Permit No. 47 issued October 31, 1962.

City Council Resolution No. 59-34 establishes an annual fee of $25 which must be paid to the County Engineer to cover inspection service costs under this permit.

Your permit expires October 31, 1975 unless it is renewed. To renew your permit, please send the fee for the period starting October 31, 1975 to Harvey T. Brandt, County Engineer, 5908 North Lauffman Avenue, Temple City, California.

Yours very truly,

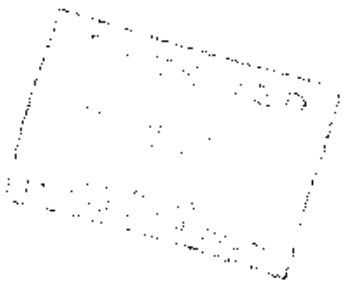
Harvey T. Brandt
COUNTY ENGINEER

ORIGINAL [illegible]

Gordon W. Driegel
Regional Engineer

GWK:JLB:kj

cc: Mr. Charles Martin, Acting City Manager
dc: I-593-38, [illegible]



October [illegible], 1976

U. S. Pipe and Foundry Company, Concrete Pipe Division
[illegible]
[illegible], California [illegible]

Gentlemen:

[illegible]

[illegible]

[illegible]

[illegible]

Your permit expires October [illegible], [illegible]. Unless it is renewed, [illegible] your permit, please send the [illegible] the period starting October [illegible], [illegible] to the [illegible] Engineer, [illegible] Kauffman Avenue, Temple City, California [illegible].

Yours very truly,

[illegible]
[illegible]

Gordon W. Kriegel
Regional Engineer

GWK:JMB:mb

cc: Mr. Chas. Martin, Acting City Manager

dc: [illegible], JMB

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
PROJECT PLANNING AND POLLUTION CONTROL DIVISION
CHEMICAL ANALYSIS REQUEST

By SHIV K. GAUR Job # 395010

Sample Source UNITED CONCRETE PIPE CORP. 14041 LIVE OAK AVE IRWD.
Name and address or location

Sample Of *Industrial Waste* ☒ *Water* ☐ *Sewage* ☐ *Other* _____ *specify*

If Industrial Waste
Type of Industry or Process MANUFACTUR CONCRETE PIPES File No. 593

Discharge *Surface* ☐ *Subsurface* ☒ *Sewer* ☐ *Stored-Hauled* ☐

Sampling Point POND
Specific location in treatment or process

Sample *Marked* UCP-1E2 *Quant.* 2 GTS *Temp.(F°)* _____ *Time* 11:00 *Date* 5-6-77

Collector SHIV K GAUR Special Instructions _____

Parameter	✓	Mg/l or ppm	Parameter	✓	Mg/l or ppm
Calcium (Ca)	✓	60	Nickel (Ni)		
Magnesium (Mg)	✓	10	Selenium (Se)		
Sodium (Na)	✓	40.0	Chloride (Cl)	✓	43
Potassium (K)	✓	2.6	Sulfate (SO_4)	✓	65
Iron (Fe)			Bicarbonate (HCO_3)		
Manganese (Mn)			Carbonate (CO_3)		
Aluminum (Al)			Hydroxide (OH)		
Boron (B)			Fluoride (F)		
Chromium (Cr)	✓	0	Phosphate (PO_4)		
Silica (Si)			Cyanide (CN)		
Arsenic (As)			Sulfide (H_2S)		
Barium (Ba)			Residual Chlorine (Cl_2)		
Cadmium (Cd)	✓		Nitrate Nitrogen (NO_3-N)		
Copper (Cu)	✓		Nitrite Nitrogen (NO_2-N)		
Lead (Pb)	✓		Ammonia Nitrogen (NH_3-N)		
Mercury (Hg)			Organic Nitrogen (Org-N)		
Zinc (Zn)			Thiosulphate (S_2O_3)		
pH	✓	9.0	Dissolved Oxygen (DO)		
Hardness (as $CaCO_3$)	✓	190	Biochemical Oxygen Demand (BOD)		
Alkalinity (as $CaCO_3$)			Chemical Oxygen Demand (COD)		
Non-Carbonate Hardness			Dissolved Solids	✓	392
Oil & Grease			Suspended Solids	✓	12
Phenols			Total Solids	✓	404
MBAS (surfactants Anionic)			Settleable Solids		
Turbidity	✓	4.5 FTU	Color		
Conductance (micromhos)		540	Odor		
Sodium Ratio			Coliform		

Remarks _____

Date Received 5/6/77 Laboratory No. 28048 Analysis by P.H. & S.T. Date Completed 5/12/77

76C211F-CE 644 (Rev. 8/74)

FILE COPY

Stephen J. Koonce
ACTING
xxxxxxxxxxxx

CITY OF IRWINDALE

October 26, 1977

U.S. Pipe and Foundry Company
Concrete Pipe Division
P.O. Box 429
Baldwin Park, CA 91708

Gentlemen:

U.S. PIPE AND FOUNDRY COMPANY
(I-593-38)

The disposal of industrial wastes from your plant at 14041 East Live Oak, Irwindale, is covered by Permit No. 47 issued October 31, 1962.

City Council Resolution No. 59-34 establishes an annual fee of $25.00 which must be paid to the County Engineer to cover inspection service cost under this permit.

Your permit expires October 31, 1977. To renew your permit, please send the fee for the period starting October 31, 1977 to the Los Angeles County Engineer, 5908 North Kauffman Avenue, Temple City, California 91780.

Yours very truly,

Stephen J. Koonce
ACTING COUNTY ENGINEER

Gordon W. Kriegel
Regional Engineer

GWK:JMB-ge R-6

cc: Mr. Charles Martin, Acting City Manager

dc: LLW, I-593-38, JMB, GWK sign. file

FOR AGENCY USE

Activity (see instructions) ...e name, ownership, and ...ical location of the plant or ...er operating facility where dis...charge(s) does or will occur.

Name

105a U. S. Pipe and Foundry Company
Concrete Pipe Division
Baldwin Park, California

Ownership (Public, Private or Both Public and Private)

105b ☐ PUB ☒ PRV ☐ BPP

Check block if Federal Facility and give GSA Inventory Control Number

105c ☐ FED

105d _____

Location

Street & Number

105e 14041 E. Live Oak

City

105f Baldwin Park

County

105g Los Angeles

State

105h California

6. Nature of Business State the nature of the business conducted at the plant or operating facility.

106a Manufacturer of concrete and steel pipe

106b AGENCY USE

7. Facility Intake Water (see instructions) Indicate water intake volume per day by sources. Estimate average volume per day in thousand gallons per day.

Municipal or private water system

107a 28 thousand gallons per day

Surface water

107b -- thousand gallons per day

Groundwater

107c 173 thousand gallons per day

Other*

107d 3000 thousand gallons per day

Total Item 7

107e 3201 thousand gallons per day

*If there is intake water from 'other,' specify the source.

107f Stormwater (estimated maximum volume which could be discharged from 001 during 24 hours)

8. Facility Water Use Estimate average volume per day in thousand gallons per day for the following types of water usage at the facility. (see instructions)

R.J. 5/24/78

Noncontact cooling water

108a 0 thousand gallons per day

Boiler feed water

108b 100 thousand gallons per day

R.J. 5/24/78

Process water (including contact cooling water)

108c 81 thousand gallons per day

Sanitary water

108d 10 thousand gallons per day

Other*

108e 3000 thousand gallons per day

Total Item 8

108f 3201 thousand gallons per day

*If there are discharges to 'other,' specify.

108g Stormwater

If there is 'Sanitary' water use, give the number of people served.

108h 204 people served

CERCLIS

EPA Form 7550-23 (7-73)

FORM APPROVED
OMB No. 158-R0100

FOR AGENCY USE

9. All Facility Discharges and other Losses: Number and Discharge (see instructions); Volume. Specify the number of discharge points and the volume of water discharged or lost from the facility according to the categories below. Estimate average volume per day in thousand gallons per day.

		Number of Discharge Points		Total Volume Used or Discharged, Thousand Gal/Day	
Surface Water (including stormwater)	109a1	1	109a2	3000	(Max. estimated in wet weather)
Sanitary wastewater transport system	109b1	1	109b2	12	
Storm water transport system	109c1		109c2		
Comingled sanitary and storm water transport system	109d1		109d2		
Surface impoundment with no effluent	109e1	B.J. Shafer *	109e2		
Underground percolation	109f1	*	109f2	90	
Well Injection	109g1		109g2		
Waste acceptance firm	109h1	B.J. Shafer *	109h2		
Evaporation	109i1	*	109i2	100	
Consumption	109j1	B.J. Shafer *	109j2	1	
Other*	109k1		109k2		
Facility discharges and volume Total item 9.	109l1	B.J. Shafer 2	109l2	3201	

*If there are discharges to "other," specify. 109m1

10. Permits, Licenses and Applications
List all existing, pending or denied permits, licenses and applications related to discharges from this facility (see instructions).

110	Issuing Agency (a)	For Agency Use (b)	Type of Permit or License (c)	ID Number (d)	Date Filed YR/MO/DA (e)	Date Issued YR/MO/DA (f)	Date Denied YR/MO/DA (g)	Expiration Date YR/MO/DA (h)
1.	CRWQCB		WDRS	CA0001597	71/7/23	74/12/5	--	79/11/29
	Los Angeles		Permit					
2.								
3.								

11. Maps and Drawings
Attach all required maps and drawings to the back of this application. (see instructions)

12. Additional Information

112	Item Number	Information
	109a1	Dry weather flow from discharge 001 is "zero"
		Maximum wet weather discharge from 001 is estimated at 3 MGD
B.J. Shafer	109f1&109i1	* Due to water curing of concrete pipe

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FOR AGENCY USE

13. Activity Description (Give a narrative description of activity producing this discharge. (see instructions)

213a

Manufacture of concrete and steel pipe. Process wastewater produced by noncontact cooling water containing no additives and washdown of concrete pouring areas and equipment. In addition, small volume contributed by steam condensate, boiler blowdown, and boiler water softener regeneration. Actual discharge from 001 is the result of stormwater runoff added to wastewater collection system during wet weather.

NOTE: No cooling towers are used at this plant location.

14. Activity Causing Discharge. For each SIC Code which describes the activity causing this discharge, supply the type and maximum amount of either the raw material consumed (Item 14a) or the product produced (Item 14b) in the units specified in Table I of the Instruction Booklet. For SIC Codes not listed in Table I, use raw material or production units normally used for measuring production. (see instructions)

a. Raw Materials

214a	SIC Code (1)	Name (2)	Maximum Amount/Day (3)	Unit (See Table I) (4)	Shared Discharges (Serial Number) (5)

b. Products

214b	SIC Code (1)	Name (2)	Maximum Amount/Day (3)	Unit (See Table I) (4)	Shared Discharges (Serial Number) (5)
	3272	Concrete Pipe	0.4	1000 Tons	None

FOR AGENCY USE

15. Waste Abatement

a. Waste Abatement Practices
Describe the waste abatement practices used on this discharge with a brief narrative. (see instructions)

215a.

Narrative: Process wastewater and stormwater runoff are treated in settling ponds from which it is recycled back to the plant for use in concrete pipe curing. Any discharges from our property occur only as a result of heavy rainfall.

215b.

b. Waste Abatement Codes
Using the codes listed in Table II of the instruction booklet, describe the waste abatement processes for this discharge in the order in which they occur if possible.

(1) LGCALS	(2) PSEDIM	(3) PSKIMC
(4) RECYCL	(5)	(6)
(7)	(8)	(9)
(10)	(11)	(12)
(13)	(14)	(15)
(16)	(17)	(18)
(19)	(20)	(21)
(22)	(23)	(24)
(25)		

001

FOR AGENCY USE

16. Wastewater Characteristics

Check the box beside each constituent which is present in the effluent (discharge water). This determination is to be based on actual analysis or best estimate.(see instructions)

Parameter 216	Present	Parameter 216	Present
Color 00080	X	Copper 01042	
Ammonia 00610		Iron 01045	X
Organic nitrogen 00605		Lead 01051	
Nitrate 00620	X	Magnesium 00927	
Nitrite 00615		Manganese 01055	
Phosphorus 00665	X	Mercury 71900	
Sulfate 00945	X	Molybdenum 01062	
Sulfide 00745		Nickel 01067	
Sulfite 00740		Selenium 01147	
Bromide 71870		Silver 01077	
Chloride 00940	X	Potassium 00937	X
Cyanide 00720		Sodium 00929	X
Fluoride 00951		Thallium 01059	
Aluminum 01105		Titanium 01152	
Antimony 01097		Tin 01102	
Arsenic 01002		Zinc 01092	
Beryllium 01012		Algicides* 74051	
Barium 01007	X	Chlorinated organic compounds* 74052	
Boron 01022		Pesticides* 74053	
Cadmium 01027		Oil and grease 00550	X
Calcium 00916	X	Phenols 32730	
Cobalt 01037		Surfactants 38260	
Chromium 01034		Chlorine 50060	
Fecal coliform bacteria 74055		Radioactivity* 74050	

*Specify substances, compounds and/or elements in Item 26.

Pesticides (insecticides, fungicides, and rodenticides) must be reported in terms of the acceptable common names specified in *Acceptable Common Names and Chemical Names for the Ingredient Statement on Pesticide Labels*, 2nd Edition, Environmental Protection Agency, Washington, D.C. 20250, June 1972, as required by Subsection 162.7(b) of the Regulations for the Enforcement of the Federal Insecticide, Fungicide, and Rodenticide Act.

DISCHARGE SERIAL NUMBER

001

FOR AGENCY USE

V. Description of Intake and Discharge

For each of the parameters listed below, enter in the appropriate box the value or code letter answer called for (see instructions).

In addition, enter the parameter name and code and all required values for any of the following parameters if they were checked in Item 15: ammonia, cyanide, aluminum, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, zinc, phenols, oil and grease, and chlorine (residual).

Parameter and Code (2171)	Influent		Effluent					
	Untreated Intake Water (Daily Average) (1)	In-Plant Treated Intake Water (Daily Average) (2)	Daily Average (3)	Minimum Value Observed or Expected During Discharge Activity (4)	Maximum Value Observed or Expected During Discharge Activity (5)	Frequency of Analysis (6)	Number of Analyses (7)	Sample Type (8)
Flow* See Item 112 Gallons per day ~~MGD~~ 50050 (MGD)	0.201		N/A	0	1.0	Monthly, if discharging	6	G
pH Units 00400	8.0		X	7.4	9.3	Monthly if discharging	6	G
Temperature (winter) ° F 74028	52		--	56 All year	71 All year	Monthly if discharging	6	G
Temperature (summer) ° F 74027	62		--	--	--	--	--	--
Biochemical Oxygen Demand (BOD 5-day) mg/l 00310	0		N/A	N/A	N/A	N/A	N/A	N/A
Chemical Oxygen Demand (COD) mg/l 00340	5		21	1	56	Monthly if discharging	6	G
Total Suspended (nonfiltereable) Solids mg/l 00530	EJ. 5/4/78 Less than 35		35	8	83	Monthly if discharging	6	G
Specific Conductance micromhos/cm at 25° C 00095	--		X	--	--	--	--	--
Settleable Matter (residue) ml/l 00545	--		0.37	0.1	0.5	Monthly if discharging	6	G

*Other discharges sharing intake flow (serial numbers) (see instructions)

FORM APPROVED
OMB No. 158-R0100

DISCHARGE SERIAL NUMBER
201

FOR AGENCY USE

17. (Cont'd.)

Parameter and Code 227a	Influent		Effluent					
	Untreated Intake Water (Daily Average) (1)	In Plant Treated Intake Water (Daily Average) (2)	Daily Average (3)	Minimum Value Observed or Expected During Discharge Activity (4)	Maximum Value Observed or Expected During Discharge Activity (5)	Frequency of Analysis (6)	Number of Analyses (7)	Sample Type (8)
Oil & Grease (03550)	0.5	N/A	7.3	1.3	15	Monthly if discharging	6	G

18. Plant Controls. Check if the following plant controls are available for this discharge.

Alternate power source for major pumping facility. 218 N/A

☐ APS

Alarm or emergency procedure for power or equipment failure

☐ ALM

Complete item 19 if discharge is from cooling and/or steam water generation and water treatment additives are used.

19. Water Treatment Additives. If the discharge is treated with any conditioner, inhibitor, or biocide, answer the following:

N/A

a. Name of Material(s) 219a

b. Name and address of manufacturer 219b

c. Quantity (pounds added per million gallons of water treated). 219c

1-80

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER-FACILITIES
550 SOUTH VERMONT, LOS ANGELES, CA 90020
(213) 974-1511

STEPHEN J. KOONCE
COUNTY ENGINEER

RAYMOND W. LOOMIS
Assistant County Engineer

JAMES T. ROSTRON
Assistant County Engineer

APR 30 1979

BOARD OF SUPERVISORS
PETER F. SCHABARUM
KENNETH HAHN
EDMUND D. EDELMAN
JAMES A. HAYES
BAXTER WARD

U.S. Pipe & Foundry

14041 E Live Oak Ave.

Irwindale, CA 91706

File No. I-593-3S

Permit No. 47

Gentlemen:

ANNUAL INDUSTRIAL WASTE
DISPOSAL PERMIT FEE
14041 E LIVE OAK AVE

Irwindale City Council Resolution No. 59-34 establishes an annual fee of $ 25.00 payable to the Los Angeles County Engineer to cover inspection service costs for industrial waste disposal at the above location.

Your permit expired Oct 31, 1978 and payment is now due and payable for the twelve month period subsequent to that date. Please remit to:

Los Angeles County Engineer-Facilities
Sanitation Division
5908 N. Kauffman Avenue
Temple City, CA 91780

Refer all inquiries to: Industrial Waste Section
(213) 287-9751

Very truly yours,

STEPHEN J. KOONCE
County Engineer

Joe Banda

Joe Banda
Supervising Industrial Waste
Engineer Inspector I
Sanitation Division

JB:CWS-ydf 42

cc: Mr. Charles Martin
Acting City Manager

5-9-79

State of California
Resources Agency
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. _____

NPDES NO. CA0001597

I-593

WASTE DISCHARGE REQUIREMENTS
FOR
UNITED STATES PIPE AND FOUNDRY COMPANY
CONCRETE PIPE DIVISION

TENTATIVE

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. United States Pipe and Foundry Company, Concrete Pipe Division, has filed a report of waste discharge and has applied for a permit to discharge wastes under the National Pollutant Discharge Elimination System.

2. United States Pipe and Foundry Company, Concrete Pipe Division, manufactures concrete pipe at a facility located at 14041 East Live Oak Avenue, Irwindale, California. Wastewater consisting of concrete curing water, boiler blowdown, water softener regeneration wastes, cooling water, steam condensate, and storm runoff is treated in settling ponds and discharged to a collection pond, from which it is recirculated back to the plant for use in concrete pipe curing. Wastes are discharged from the collection pond as surface flow into San Gabriel River at a point about 200 feet north of the Live Oak Avenue bridge, above the tidal prism, and by subsurface percolation. A total of about 380,000 gallons per day of wastewater is discharged from the pond, of which about 200,000 gallons per day reaches the river during dry-weather periods. About 20,000 gallons per day of sanitary sewage is disposed of by means of a private subsurface septic tank-leach field system at the site.

3. On Jul. 26, 1955, the Board prescribed Requirement No. 1056 for this discharge, and updated that Requirement on December 1[illegible], 1967.

4. The Board adopted an Interim Water Quality Control Plan for Santa Clara and Los Angeles River Basins on June 10, 1971, and updated that Plan on December 13, 1972. The Interim Basin Plan contains water quality objectives for surface waters of the Los Angeles River Basin, including San Gabriel River.

5. The beneficial [illegible] of the receiving waters are as follows: water-contact and non water-contact recreation, agricultural supply, groundwater recharge, freshwater habitat, and within the tidal prism, marine habitat.

6. Effluent limitation standards established pursuant to Section 301 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge

Order
United States Pipe and Foundry Company
Concrete Pipe Division (CA0008397)

The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public hearing heard and considered all comments pertaining to the discharge and to the tentative requirements.

This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of its adoption, provided the Regional Administrator, EPA, has no objections.

IT IS HEREBY ORDERED, that United States Pipe and Foundry Company, Concrete Pipe Division, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Industrial Effluent Limitations

1. Wastes discharged shall be limited to those described hereinabove, as proposed.

2. The discharge of an effluent in excess of the following limits is prohibited:

Constituent	Discharge Rate (lbs/day) Maximum Daily	30-Day Average	Concentration Limit (mg/l) Average	Maximum
Suspended solids	253.6	126.8	40	80
Settleable solids	---	---	0.1 1/	0.2 1/
Oil and grease	47.6	31.7	15	75
Total dissolved solids	2,380.	2,380.	---	750 mg/l
Chloride	555.	555.	---	175 mg/l
Chloride plus sulfate	1,585.	1,585.	---	500 mg/l
Nitrate nitrogen	31.7	31.7	---	10
COD	253.6	126.8	40	80
Total chromium	0.0317	0.0158	.005	0.01
Total hardness (as $CaCO_3$)	1,585	1,585.	---	500
Turbidity	---	---	50 2/	75 2/

1/ In ml/l.
2/ In turbidity units (TU).

TENTATIVE

[illegible]
United States Pipe and Foundry Company
Concrete Pipe Division [illegible]

3. The discharger shall apply, [illegible] than July [illegible], [illegible] the best [illegible] [illegible] technology [illegible] available, and after that date the discharge [illegible] effluent in excess of the following limits is prohibited:

Constituent	Discharge Rate (lbs/day) Maximum Daily	30-Day Average	Concentration Limit (mg/l) Average	Maximum
Suspended solids	126.8	63.4	20	40
COD	126.8	63.4	20	[illegible]

TENTATIVE

TENTATIVE

4. The daily discharge rate shall be obtained from the following calculation for any calendar day:

$$\text{Daily discharge rate} = \frac{k \cdot \omega \cdot d}{N} \sum_{i}^{N} Q_i \, C_i$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (MGD) and the constituent concentration (mg/l) respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

5. The 30-day average discharge rate shall be the arithmetic average of all the values of daily discharge rate calculated using the results of analyses of all samples collected during any 30 consecutive calendar day period. If fewer than four samples are collected and analyzed during any 30 consecutive calendar day period, compliance with the 30-day average rate limitation shall not be determined.

6. The pH of wastes discharged shall at all times be within the range 6.5 to 9.0.

7. The temperature of wastes discharged shall not exceed 100°F.

8. Wastes discharged shall not contain visible oil or grease, and shall not cause the appearance of grease, oil or oily slick, or foam in the receiving waters or on channel banks, walls, inverts or other structures.

9. Wastes discharged shall not cause the formation of sludge deposits.

10. Neither the disposal nor any handling of waste shall cause pollution or nuisance.

11. Wastes discharged shall not damage flood control structures or facilities.

12. This discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

TENTATIVE

D. Requirements for Sewage Disposal

1. All sewage discharged other than into a community sewer system shall be disposed of underground in accordance with local ordinances controlling the construction and operation at private sewage disposal systems, and in accordance with all rules and regulations of the health department having jurisdiction.

2. No part of a waste-leaching system shall be closer than 100 feet to any water well.

3. No part of a subsurface sewage disposal system shall extend to a depth where wastes may deleteriously affect an underground water stratum that is usable for domestic purposes, and in no case within 5 feet of the zone of fluctuating groundwater.

C. Provisions

1. This Order includes the following items of the attached "Standard Provisions": 1, 2, 4, 5, 6, 7, 8, 9, 10, and 11.

2. This Order includes the following items of the attached "Reporting Requirements": 1, 5, and 8.

3. This Order includes the attached "General Monitoring and Reporting Provisions."

4. This Order expires on November 28, 1979, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.

5. A copy of these waste discharge specifications shall be maintained at the discharge facility so as to be available at all times to operating personnel.

6. In the event of any change in name, ownership, or control of these waste disposal facilities, the discharger shall notify this Board of such change and shall notify the succeeding owner or operator of the existence of this Order by letter, copy of which shall be forwarded to the Board.

7. Any discharge of wastes at any point(s) other than specifically described in this permit is prohibited, and constitutes a violation of the permit.

8. Sewage shall not be disposed of to a private sewage disposal system for a period longer than six months after a community sewage system becomes available.

9. Requirement No. 2214, adopted by this Board July 28, 1955, and Updated December 12, 1962, is hereby rescinded.

TENTATIVE

[illegible] WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM [illegible]
FOR
UNITED STATES LIFE AND CONTROL [illegible]
COMPUTER [illegible] DIVISION
(CA0031597)

The discharger shall implement this monitoring program within 60 days of the effective date of this Order. Monitoring reports shall be submitted by the first working day of the second following month, beginning April 1, 1975. Results of quarterly analyses shall be included with the reports for the months of February, May, August and November.

If no flow occurred during the month the report shall so state.

Effluent Monitoring

A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
pH	pH units	grab	monthly
Temperature	°F	grab	monthly
Total waste flow	gal/day	----	monthly
Suspended solids	mg/l	grab	monthly
Settleable solids	ml/l	grab	monthly
Oil and grease*	mg/l	grab	monthly
Total dissolved solids	mg/l	grab	monthly
Chloride	mg/l	grab	monthly
Sulfate	mg/l	grab	monthly
Nitrate nitrogen	mg/l	grab	monthly
Total chromium	mg/l	grab	quarterly
Turbidity	TU	grab	monthly
Color, apparent	color units	grab	monthly
COD	mg/l	grab	monthly
Total hardness (as $CaCO_3$)	mg/l	grab	monthly
Soluble iron	mg/l	grab	quarterly
Manganese	mg/l	grab	quarterly

* By the trichlorotrifluoroethane extraction method.
** By glass fiber filtration with evaporation at 180°C. Reference: "Methods for Chemical Analysis of Water and Wastes," 1971, Environmental Protection Agency (EPA Methods), p 275

TENTATIVE

Monitoring and Reporting Program
UNITED STATES PIPE AND FOUNDRY COMPANY
Concrete Pipe Division (CA0001597)

TENTATIVE

Operation and Maintenance Report

The discharger shall file a technical report with this Board not later than 90 days after receipt of this permit, relative to the operation and maintenance program for this waste disposal facility. The information to be contained in that report shall include, as a minimum, the following:

a. The name and address of the person or company responsible for operation and maintenance of the facility.

b. Type of maintenance (preventive or corrective).

c. Frequency of maintenance, if preventive.

Ordered by _____
Executive Officer

_____
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM NO. _____
FOR
UNITED STATES PIPE AND FOUNDRY COMPANY
CONCRETE PIPE DIVISION
(File No. 55-71)

The discharger shall implement this monitoring program on the effective date of this Order. The first monitoring report under this program is due by January 15, 1980.

Monitoring reports shall be submitted by the dates in the following schedule:

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

If no flow occurred during the quarter the report shall so state.

TENTATIVE

Effluent Monitoring

A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
Total waste flow	gal/day	---	quarterly
Total dissolved solids	mg/l	grab	quarterly

Each monitoring report must affirm in writing that:

> All analyses were conducted at a laboratory certified for such analyses by the State Department of Health Services and in accordance with current EPA guideline procedures or as specified in the Monitoring Program.

For any analysis performed for which no procedure is specified in the EPA guidelines or in this Monitoring Program, the constituent or parameter analyzed and the method or procedure used must be specified in the report.

Reporting for Leachfield Disposal

Each report shall contain the following information:

a. A statement relative to compliance with discharge specifications during the reporting period.

Hauling Report

In the event wastes are transported to a different disposal site during the reporting period, the following shall be reported:

a. Type of wastes and quantity of each type;

b. Name and either the address or the state registration number for each hauler of wastes (or the method of transport if other than by hauling); and

c. Location of the final point(s) of disposal for each type of waste.

If no wastes are transported offsite during the reporting period, a statement to that effect shall be submitted.

GENERAL PROVISIONS FOR SAMPLING AND ANALYSIS

All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.

All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services.

Effluent samples shall be taken downstream of any addition to the treatment works and prior to mixing with the receiving waters.

The discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to insure accuracy of measurements, or shall insure that both activities will be conducted.

A grab sample is defined as an individual sample collected in fewer than 15 minutes.

GENERAL PROVISIONS FOR REPORTING

For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.

By January 30 of each year, the discharger shall submit an annual report to the Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.

TENTATIVE

The discharger shall maintain all sampling and analytical results, including strip charts; date, exact place, and time of sampling; date analyses were performed; analyst's name, analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Board.

In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible.

Each report shall contain the following completed declaration:

"I declare under penalty of perjury that the foregoing is true and correct. Executed on the _____ day of _____ at _____, _____.

_____ (Signature)

_____ (Title)".

These records and reports are public documents and shall be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

TENTATIVE

Ordered by _____
Executive Officer

_____
Date

State of California
Resources Agency
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. _____

WASTE DISCHARGE REQUIREMENTS
FOR

UNITED STATES PIPE AND FOUNDRY COMPANY
CONCRETE PIPE DIVISION
(File No. 55-71)

The California Regional Water Quality Control Board, Los Angeles Region, finds:

TENTATIVE

1. United States Pipe and Foundry Company (a corporation), Concrete Pipe Division, discharges wastes to a pond under waste discharge requirements contained in Requirement No. 1056 adopted by this Board on July 28, 1955, and updated on December 12, 1962.

2. United States Pipe and Foundry Company, Concrete Pipe Division, manufactures concrete and steel pipe at 14041 East Live Oak Avenue, Irwindale, California, and discharges up to 90,000 gallons per day of wastewater to an unlined pond. The wastewater results from concrete curing, washdown of concrete pouring areas and equipment, single-pass non-contact compressor cooling, boiler blowdown, water softener regeneration, steam condensate, and rainfall runoff. Concrete curing water is supplied from the pond, which is used to settle out solids and recycle the supernatant.

   An average of 10,000 gallons per day of sanitary sewage is also disposed of by means of a private sewage disposal system consisting of a septic tank and leach field at the site. A community sewage disposal system is not available.

3. The sediment accumulated in the settling pond is periodically removed and disposed of at a legal disposal site.

4. The settling pond and leach field areas are located in Section 6, T1S, R10W, S.B.B.&M., overlying the Main San Gabriel Valley Ground Water Basin and within the Main San Gabriel Hydrologic Subarea, Westerly Portion.

5. The site is underlain by water-bearing alluvial deposits of recent and upper pleistocene sediments. The groundwater is generally unconfined. Calcium in the concrete curing water is believed to harden the pond sediments resulting in reduced percolation of wastes into the ground, such that there should be little effect on the quality of the local groundwaters.

6. A water well located east of the Main Shop Building provides most of the industrial water supply. The remainder is city water.

7. This Order pertains only to the discharge of industrial wastes and sanitary sewage by percolation, as described hereinabove. The discharge to navigable waters is subject to a separate Order and NPDES permit adopted by this Board.

8. The Board adopted a revised Water Quality Control Plan for Los Angeles River Basin on November 27, 1978. The Plan contains water quality objectives for groundwaters of the Main San Gabriel Valley Groundwater Basin. The requirements contained in this Order as they are met will be in conformance with the goals of the Water Quality Control Plan.

9. The beneficial uses of the receiving groundwaters are: municipal and domestic, agricultural, and industrial service and process supply.

10. The original waste discharge requirements were adopted by this Board on July 28, 1955, and, as such, this constitutes an ongoing project as defined by Section 2715 of the State Water Resources Control Board regulations and is exempt from the provisions of the California Environmental Quality Act.

TENTATIVE

The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public meeting heard and considered all comments pertaining to the discharge and to the tentative requirements.

IT IS HEREBY ORDERED, that United States Pipe and Foundry Company, Concrete Pipe Division, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Industrial Waste Discharge Requirements:

1. The discharge of wastewaters to the ground from unlined ponds in excess of the following limits is prohibited:

Constituent	Concentration Limit (mg/l)
Total dissolved solids	750

2. The discharge of wastes to any watercourse, drainage ditch, or any tributary to surface waters is prohibited except as provided for in an NPDES permit.

B. Sewage Discharge Requirements:

1. Wastes shall be disposed of underground in accordance with local ordinances controlling the construction and operation of private sewage disposal systems, and in accordance with all rules and regulations of the Los Angeles County Department of Health Services.

2. The sewage treatment and disposal system shall be maintained in such a manner that at no time will raw sewage or septic tank effluent be permitted to surface or overflow.

3. No part of any waste disposal system shall be closer than 100 feet to any water well, nor closer than 50 feet from a stream channel or watercourse.

4. No part of any subsurface sewage disposal system shall extend to a depth where wastes may deleteriously affect an underground water stratum that is usable for domestic purposes, and in no case within 5 feet of the zone of fluctuating groundwater.

5. The discharge of raw or inadequately treated sewage at any time is prohibited.

6. Within six months after the collector lines for a sewage disposal system become available, the disposal of sewage to the ground shall cease.

C. General Waste Discharge Requirements

1. Neither the disposal nor handling of wastes shall cause pollution or nuisance, or problems due to breeding of mosquitoes, gnats, midges, flies or other vectors.

2. Wastes discharged shall not contain any substance in concentrations toxic to human, animal, plant or aquatic life.

3. All wastes which do not meet each of the foregoing requirements shall be held in impervious containers, and if transferred elsewhere the final discharge shall be at a legal point of disposal, and in accordance with provisions of Division 7.5 of the Water Code. For the purpose of these requirements, a legal point of disposal is defined as one for which waste discharge [illegible] established by a California [illegible] Quality Control Board, and which is in full compliance therewith.

TENTATIVE

4. Wastes discharged shall not contain any substance in concentrations sufficient to impart taste, odor, color, foaming or other objectionable characteristics to usable groundwaters.

5. Wastes shall be discharged only at the site covered by these requirements and only on property owned or controlled by the discharger.

D. Provisions

1. This sewage disposal facility shall be compatible with regional sewerage plans and this waste discharge shall be connected into a community sewer system when such a system is available to the site.

2. A copy of this Order shall be maintained where it will be available at all times to operating personnel.

3. In accordance with Section 13260(b) of the Water Code, the discharger shall file a report of any material change or proposed change in the character, location or volume of the discharge.

4. In the event of any change in name, ownership, or control of these waste disposal facilities, the discharger shall notify this Board of such change and shall notify the succeeding owner or operator of the existence of this Order by letter, copy of which shall be forwarded to the Board.

5. The discharger shall notify this Board immediately by telephone of any adverse condition resulting from these discharges or from operations producing these waste discharges, such notifications to be affirmed in writing, within one week.

6. In accordance with Section 13267 of the Water Code the discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted.

7. Requirement No. 1056, adopted by this Board on July 28, 1955, and updated on December 12, 1962, is hereby rescinded.

TENTATIVE

TENTATIVE

State of California
Resources Agency
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO._____

NPDES NO. CA0001597

WASTE DISCHARGE REQUIREMENTS
FOR

UNITED STATES PIPE AND FOUNDRY COMPANY
CONCRETE PIPE DIVISION

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. United States Pipe and Foundry Company (a corporation), Concrete Pipe Division, discharges wastes under waste discharge requirements contained in Order No. 74-376 (NPDES Permit No. CA0001597), adopted by this Board on November 18, 1974. Order No. 74-376 expires on November 28, 1979.

2. United States Pipe and Foundry Company, Concrete Pipe Division, has filed a report of waste discharge and has applied for renewal of its waste discharge requirements and National Pollutant Discharge Elimination System permit.

3. United States Pipe and Foundry Company, Concrete Pipe Division, manufactures concrete and steel pipe at a facility located at 14041 East Live Oak Avenue, Irwindale, California, and discharges up to 3 million gallons per day of settled pond overflow consisting mostly of rainwater runoff to San Gabriel River, a water of the United States, at a point about 200 feet upstream from Live Oak Avenue, above the tidal prism.

   The discharge occurs only during and shortly after periods of heavy rainfall when the storage capacity of the pond is exceeded.

   The settling pond receives a mixture of wastewaters from concrete curing, washdown of concrete pouring areas and equipment, single-pass non-contact compressor cooling water, boiler blowdown, water softener regeneration brine, steam condensate, and rainfall runoff. Most of the yard wash areas are paved, and those wastewaters and runoff flow to the settling pond for removal of suspended solids and recycling of the ponded water.

8/27/79

4. All the sanitary wastewater from the facility is disposed of onsite by means of a private sewage disposal system consisting of a septic tank and leach field. No community sewer system is available.

5. Waste discharge requirements for disposal of wastes by percolation are prescribed in separate (non-NPDES) Board requirements.

6. The sediment accumulated in the settling pond is periodically removed and disposed of to a legal disposal site.

7. The Board adopted a revised Water Quality Control Plan for Los Angeles River Basin on November 27, 1978. The Plan contains water quality objectives for San Gabriel River. The requirements contained in this Order as they are met will be in conformance with the goals of the Water Quality Control Plan.

8. The beneficial uses of the receiving waters are: water contact and non-water contact recreation; warm and cold freshwater habitat and wildlife habitat; groundwater recharge; and (within the tidal prism) industrial service supply; ocean commercial and sport fishing; preservation of rare and endangered species; marine habitat; and saline water habitat.

9. Effluent limitation standards established pursuant to Section 301 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.

10. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.

TENTATIVE

The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public hearing heard and considered all comments pertaining to the discharge and to the tentative requirements.

This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of its adoption, provided the Regional Administrator, EPA, has no objections.

IT IS HEREBY ORDERED, that United States Pipe and Foundry Company, Concrete Pipe Division, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

TENTATIVE

A. Effluent Limitations

1. The discharge of an effluent in excess of the following limits is prohibited:

Constituent	Units	Discharge Limitations Maximum
Oil and grease	mg/l	15
	lbs/day*	375
Total dissolved solids	mg/l	750
	lbs/day*	18,770
Turbidity	NTU	75

2. The daily discharge rate shall be obtained from the following calculation for any calendar day:

$$\text{Daily discharge rate} = \frac{8.34}{N} \sum_{1}^{N} Q_i C_i$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (MGD) and the constituent concentration (mg/l) respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

* Based on a maximum flow of 3 million gallons per day.

3. The 30-day average shall be the arithmetic average of all the daily values calculated using the results of analyses of all samples collected during any 30 consecutive calendar day period. If fewer than four samples are collected and analyzed during any 30 consecutive calendar day period, compliance with the 30-day average limitation shall not be determined.

4. The pH of wastes discharged shall at all times be within the range 6.0 to 9.0.

5. The temperature of wastes discharged shall not exceed 100°F.

6. Wastes discharged shall not contain visible oil or grease, and shall not cause the appearance of grease, oil or oily slick, or persistent foam in the receiving waters or on channel banks, walls, inverts or other structures.

7. Wastes discharged shall not cause the formation of sludge deposits.

8. Neither the disposal nor any handling of waste shall cause pollution or nuisance.

9. Wastes discharged shall not damage flood control structures or facilities.

10. This discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

11. Wastes discharged shall not contain any substances in concentrations toxic to human, animal, plant, or aquatic life.

12. Oil or oily materials, chemicals, refuse, sewerage, or other pollutionable materials shall not be stored or deposited in areas where they may be picked up by rainfall and carried off of this property or discharged to surface waters.

TENTATIVE

B. Provisions

1. This Order includes the following items of the attached "Standard Provisions": 1,2,4,5,6,7,8,9, and 11.

2. This Order includes the following items of the attached "Reporting Requirements": 1 and 3.

3. This Order includes the attached "General Monitoring and Reporting Provisions."

4. This Order expires on September 30, 1984, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.

5. A copy of these waste discharge specifications shall be maintained at the discharge facility so as to be available at all times to operating personnel.

6. In the event of any change in name, ownership, or control of these waste disposal facilities, the discharger shall notify this Board of such change and shall notify the succeeding owner or operator of the existence of this Order by letter, copy of which shall be forwarded to the Board.

7. Any discharge of wastes at any point(s) other than specifically described in this permit is prohibited, and constitutes a violation of the permit.

8. This order may be modified, or, alternatively, revoked and reissued, to comply with any applicable effluent limitation issued pursuant to the order the United States District Court for the District of Columbia issued on June 8, 1976, in Natural Resources Defense Council, Inc., et al. v. Russell E. Train, 8 ERC 2120 (D.D.C. 1976), if the effluent limitation so issued:

   (1) is different in conditions or more stringent than any effluent limitation in this order; or

   (2) controls any pollutant not limited in this order.

9. These requirements do not exempt the operator of this waste disposal facility from compliance with any other laws, regulations, or ordinances which may be applicable; they do not legalize this waste disposal facility, and they leave unaffected any further restrictions of wastes at this site which may be [illegible] or required by other agencies.

10. Order No. 74-93, adopted by this Board on November 18, 1974, is hereby rescinded.

TENTATIVE

Any comments that any person has with respect to these tentative requirements must be received by September 10, 1979, in order to be included in the Board's agenda folder.

With respect to the public notice, in accordance with the Federal Water Pollution Control Act, as amended in 1977, and the California Administrative Code, you are required to follow the enclosed instructions for publication or posting of the notice.

Failure to publish or post the notice will prevent the adoption of waste discharge requirements; to discharge without requirements subjects you to civil penalties of up to $10,000 for each day in which such discharge occurs. Failure to publish or post the notice will force us to reschedule this item for a later hearing and will require the publication or posting of a second notice. Please notify this Board by telephone when the notice has been published or posted and submit the proof of publication or posting as required in the enclosed instructions. Proof of posting or publication of the notice must be submitted to the Executive Officer of this Regional Board by September 8, 1979.

If you have any questions, please call us.

Very truly yours,

RAYMOND M. HERTEL
Executive Officer
By

Lawrence A. Meyerson

LAWRENCE A. MEYERSON
Supervising Water Resources
Control Engineer

cc: Environmental Protection Agency, Region IX
Regional Administrator, Attn: Permits Branch
United States Army Corps of Engineers
State Water Resources Control Board, Legal Division
Attn: Mr. Schueller
Department of Fish and Game, Region 5
Department of Health Services Sanitary Engineering Section
Department of Water Resource
United States Fish and Wildlife Service Division of River Basin Studies
Los Angeles County Flood Control District
County of Los Angeles, Department of Health Services
City of Irwindale
NOAA, National Marine Fisheries Service
Los Angeles County Engineer-Facilities, Sanitation Division
Upper San Gabriel Valley Municipal Water District

Enclosures

STATE OF CALIFORNIA · RESOURCES AGENCY · EDMUND G. BROWN JR., Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
107 SOUTH BROADWAY, SUITE 4027
LOS ANGELES, CALIFORNIA 90012
(213) 620-4460



RECEIVED
AUG 27 1979
SANITATION

AUG 24 1979

United States Pipe and Foundry Company
Concrete Pipe Division
P. O. Box 429
Baldwin Park, California 91706

Attn: Mr. Robert F. Mair, Plant Manager

RE: Tentative Waste Discharge Requirements (NPDES Permit CA0001597)

Gentlemen:

Reference is made to your completed application to this Board for a permit to discharge wastes under the National Pollutant Discharge Elimination System (NPDES).

Pursuant to the Federal Water Pollution Control Act, as amended in 1977, and in accordance with the California Administrative Code, tentative waste discharge requirements have been prepared.

Enclosed are copies of the following:

1. Tentative requirements, consisting of:
   a. Board Order
   b. Standard Provisions
   c. Reporting Requirements
   d. General Monitoring and Reporting Provisions
   e. Monitoring and Reporting Program
2. Instruction sheet for Public Notice
3. Public Notice (5 copies)
4. Statement of Posting Notice

In accordance with administrative procedures, this Board at a public hearing to be held on September 24,1979, at 10:00 a.m., 107 South Broadway, Room 1138, Los Angeles, California, will consider the enclosed tentative requirements and comments submitted in writing regarding any or all portions thereof. The Board will hear any testimony pertinent to this discharge and the tentative requirements. It is expected that the Board will take action at the hearing; however, as testimony indicates, the Board at its discretion may order further investigation.

STATE OF CALIFORNIA—RESOURCES AGENCY

EDMUND G. BROWN JR., Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION

107 SOUTH BROADWAY SUITE 4027
LOS ANGELES, CALIFORNIA 90012
(213) 620-4460

AUG 2 7 1979

RECEIVED
AUG 2 8 1979
SANITATION

United States Pipe and Foundry Company
Concrete Pipe Division
P.O. Box 429
Baldwin Park, CA 91706

Attn: Mr. Robert F. Mair
Plant Manager

RE: Tentative Waste Discharge Requirements (File 55-71)

Gentlemen:

Reference is made to your current waste discharge requirements for your Irwindale facility contained in Resolution No. 1056 adopted by this Board.

Investigation of this waste discharge has been made, and based upon this investigation tentative requirements have been prepared for any discharge to ground through your unlined settling pond. Waste discharge requirements for the settling pond overflow are prescribed in a separate (NPDES) Board requirements.

Enclosed are copies of the tentative requirements and specifications for technical reports to be submitted periodically to the Board.

In accordance with administrative procedures, this Board, at a public meeting to be held on September 24, 1979, at 10:00 a.m., 107 South Broadway, Room 1138, Los Angeles, California, will consider the enclosed tentative requirements and comments submitted in writing regarding any or all portions thereof. The Board will hear any testimony pertinent to this discharge and the tentative requirements. It is expected that the Board will take action at the meeting; however, as testimony indicates, the Board at its discretion may order further investigation.

Any comments that any person has with respect to these tentative requirements must be received by September 10, 1979, in order to be included in the Board's agenda folder.

If you have any questions, please call us.

Very truly yours,

RAYMOND M. HERTEL
Executive Officer
By Lawrence A. Swanson
LAWRENCE A. SWANSON
Supervising Water Resource Control Engineer

Encl.

cc: Environmental Protection Agency, Region IX
Regional Administrator, ATTN: Permits Branch
United States Army Corps of Engineers
State Water Resources Control Board, Legal Division
ATTN: Mr. Harry M. Schueller
Department of Fish and Game, Region 5
Department of Health Services, Sanitary Engineering Section
Department of Water Resources
U.S. Fish and Wildlife Service, River Basin Studies
Los Angeles County Flood Control District
County of Los Angeles, Department of Health Services
City of Irwindale
NOAA, National Marine Fisheries Service
Los Angeles County Engineer-Facilities, Sanitation Division
Upper San Gabriel Valley Municipal Water District

State of California
Resources Agency
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. 79-150

NPDES NO. CA0001597

WASTE DISCHARGE REQUIREMENTS FOR

UNITED STATES PIPE AND FOUNDRY COMPANY CONCRETE PIPE DIVISION

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. United States Pipe and Foundry Company (a corporation), Concrete Pipe Division, discharges wastes under waste discharge requirements contained in Order No. 74-376 (NPDES Permit No. CA0001597), adopted by this Board on November 18, 1974. Order No. 74-376 expires on November 28, 1979.

2. United States Pipe and Foundry Company, Concrete Pipe Division, has filed a report of waste discharge and has applied for renewal of its waste discharge requirements and National Pollutant Discharge Elimination System permit.

3. United States Pipe and Foundry Company, Concrete Pipe Division, manufactures concrete and steel pipe at a facility located at 14041 East Live Oak Avenue, Irwindale, California, and discharges up to 3 million gallons per day of settling pond overflow consisting mostly of rainwater runoff to San Gabriel River, a water of the United States, at a point about 200 feet upstream from Live Oak Avenue, above the tidal prism.

   The discharge occurs only during and shortly after periods of heavy rainfall when the storage capacity of the pond is exceeded.

   The settling pond receives a mixture of wastewaters from concrete curing, washdown of concrete pouring areas and equipment, single-pass non-contact compressor cooling water, boiler blowdown, water softener regeneration brine, steam condensate, and rainfall runoff. Most of the yard work areas are paved, and those wastewaters and runoff flow to the settling pond for removal of suspended solids and recycling of the ponded water.

Revised 9/6/79

4. All the sanitary wastewater from the facility is disposed of onsite by means of a private sewage disposal system consisting of a septic tank and leach field. No community sewer system is available.

5. Waste discharge requirements for disposal of wastes by percolation are prescribed in separate (non-NPDES) Board requirements.

6. The sediment accumulated in the settling pond is periodically removed and disposed of to a legal disposal site.

7. The Board adopted a revised Water Quality Control Plan for Los Angeles River Basin on November 27, 1978. The Plan contains water quality objectives for San Gabriel River. The requirements contained in this Order as they are met will be in conformance with the goals of the Water Quality Control Plan.

8. The beneficial uses of the receiving waters are: water contact and non-water contact recreation; warm and cold freshwater habitat and wildlife habitat; groundwater recharge; and (within the tidal prism) industrial service supply; ocean commercial and sport fishing; preservation of rare and endangered species; marine habitat; and saline water habitat.

9. Effluent limitation standards established pursuant to Section 301 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.

10. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.

The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public hearing heard and considered all comments pertaining to the discharge and to the tentative requirements.

This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of its adoption, provided the Regional Administrator, EPA, has no objections.

IT IS HEREBY ORDERED, that United States Pipe and Foundry Company, Concrete Pipe Division, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitations

1. The discharge of an effluent in excess of the following limits is prohibited:

Constituent	Units	Discharge Limitations Maximum
Oil and grease	mg/l	15
	lbs/day*	375

2. The daily discharge rate shall be obtained from the following calculation for any calendar day:

$$\text{Daily discharge rate} = \frac{8.34}{N} \sum_{1}^{N} Q_i C_i$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (MGD) and the constituent concentration (mg/l) respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

* Based on a maximum flow of 3 million gallons per day.

3. The 30-day average shall be the arithmetic average of all the daily values calculated using the results of analyses of all samples collected during any 30 consecutive calendar day period. If fewer than four samples are collected and analyzed during any 30 consecutive calendar day period, compliance with the 30-day average limitation shall not be determined.

4. The pH of wastes discharged shall at all times be within the range 6.0 to 9.0.

5. The temperature of wastes discharged shall not exceed 100°F.

6. Wastes discharged shall not contain visible oil or grease, and shall not cause the appearance of grease, oil or oily slick, or persistent foam in the receiving waters or on channel banks, walls, inverts or other structures.

7. Wastes discharged shall not cause the formation of sludge deposits.

8. Neither the disposal nor any handling of waste shall cause pollution or nuisance.

9. Wastes discharged shall not damage flood control structures or facilities.

10. This discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

11. Wastes discharged shall not contain any substances in concentrations toxic to human, animal, plant, or aquatic life.

12. Oil or oily material, chemicals, refuse, sweepings, or other pollutionable materials shall not be stored or deposited in areas where they may be picked up by rainfall and carried off of this property or discharged to surface waters.

13. Wastes discharged shall not increase the natural turbidity of the receiving waters.

Order

B. Provisions

1. This Order includes the following items of the attached "Standard Provisions": 1,2,4,5,6,7,8,9, and 11.

2. This Order includes the following items of the attached "Reporting Requirements": 1 and 5.

3. This Order includes the attached "General Monitoring and Reporting Provisions."

4. This Order expires on September 10, 1984, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.

5. A copy of these waste discharge specifications shall be maintained at the discharge facility so as to be available at all times to operating personnel.

6. In the event of any change in name, ownership, or control of these waste disposal facilities, the discharger shall notify this Board of such change and shall notify the succeeding owner or operator of the existence of this Order by letter, copy of which shall be forwarded to the Board.

7. Any discharge of wastes at any point(s) other than specifically described in this permit is prohibited, and constitutes a violation of the permit.

8. This order may be modified, or, alternatively, revoked and reissued, to comply with any applicable effluent limitation issued pursuant to the order the United States District Court for the District of Columbia issued on June 8, 1976, in Natural Resources Defense Council, Inc. et al. v. Russell E. Train, 8 ERC 2120 (D.D.C. 1976), if the effluent limitation so issued:

   (1) is different in conditions or more stringent than any effluent limitation in this order; or

   (2) controls any pollutant not limited in this order.

9. These requirements do not exempt the operator of this waste disposal facility from compliance with any other laws, regulations, or ordinances which may be applicable; they do not legalize this waste disposal facility, and they leave unaffected any further restraint on the disposal of wastes at this site which may be contained in other statutes or required by other agencies.

10. Order No. 74-376, adopted by this Board on November 18, 1974, is hereby rescinded.

I, Raymond M. Hertel, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on September 24, 1979.

Raymond M. Hertel

RAYMOND M. HERTEL, Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

LOS ANGELES REGION

CA 0001597

STANDARD PROVISIONS

1. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under federal, state, or local laws, nor guarantee the discharger a capacity right in the receiving waters.

2. The discharge of any radiological, chemical, or biological warfare agent or high level radiological waste is prohibited.

3. The discharger shall require any industrial user of the treatment works to comply with applicable service charges and toxic and pretreatment standards promulgated in accordance with Sections 204(b), 307, and 308 of the Federal Water Pollution Control Act or amendments thereto. The discharger shall require each individual user to submit periodic notice (over intervals not to exceed nine months) of progress toward compliance with applicable toxic and pretreatment standards developed pursuant to the Federal Water Pollution Control Act or amendments thereto. The discharger shall forward a copy of such notice to the Board and the Regional Administrator.

4. The discharger shall permit the Regional Board:

   (a) Entry upon premises in which an effluent source is located or in which any required records are kept;

   (b) Access to copy any records required to be kept under terms and conditions of this Order;

   (c) Inspection of monitoring equipment or records, and

   (d) Sampling of any discharge.

5. All discharges authorized by this Order shall be consistent with the terms and conditions of this Order. The discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by this Order shall constitute a violation of the terms and conditions of this Order.

6. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements.

7. Collected screening, sludges, and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of this requirement, a legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a regional water quality control board and which is in full compliance therewith.

8. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:

   (a) Violation of any term or condition contained in this Order;

   (b) Obtaining this Order by misrepresentation, or failure to disclose all relevant facts;

   (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

9. If a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standards or prohibition) is established under Section 307(a) of the Federal Water Pollution Control Act, or amendments thereto, for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this Order, the Board will revise or modify this Order in accordance with such toxic effluent standard or prohibition and so notify the discharger.

10. There shall be no discharge of harmful quantities of oil or hazardous substances, as specified by regulation adopted pursuant to Section 311 of the Federal Water Pollution Control Act, or amendments thereto.

11. In the event the discharger is unable to comply with any of the conditions of this Order due to:

   (a) breakdown of waste treatment equipment;

   (b) accidents caused by human error or negligence; or

   (c) other causes such as acts of nature,

   the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

12. Supervisors and operators of publicly owned wastewater treatment plants shall possess a certificate of appropriate grade in accordance with regulations adopted by the State Water Resources Control Board.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

LOS ANGELES REGION

REPORTING REQUIREMENTS

1. The discharger shall file with the Board technical reports on self-monitoring work performed according to the detailed specifications contained in any Monitoring and Reporting Programs as directed by the Executive Officer.

2. The discharger shall file a written report with the Board within 90 days after the average dry-weather waste flow for any month equals or exceeds 75 percent of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

   Average daily flow for the month, the date on which the instantantaneous peak flow occurred, the rate of that peak flow, and the total flow for that day.

   The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

   The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b), and 13268, California Water Code).

3. The discharger shall notify the Board not later than 120 days in advance of implementation of any plans to alter production capacity of the product line of the manufacturing, producing or processing facility by more than ten percent. Such notification shall include estimates of proposed production rate, the type of process, and projected effects on effluent quality. Notification shall include submittal of a new report of waste discharge and appropriate filing fee.

4. The discharger shall notify the Board of (a) new introduction into such works of pollutants from a source which would be a new source as defined in Section 306 of the Federal Water Pollution Control Act, or amendments thereto, if such source were discharging pollutants to the waters of the United States, (b) new introductions of pollutantsinto such works from a source which would be subject to Section 301 of the Federal Water Pollution Control Act, or amendments thereto, if substantial change in the volume or character of pollutants being introduced into such works by a source introducing pollutants into such works at the time the waste discharge requirements were adopted. Notice shall include a description of the quantity and quality of pollutants and the impact of such change on the substantial change in volume is considered an increase of ten percent in the mean dry-weather flow rate. The discharger shall forward a copy of such notice directly to the Regional Administrator.

5. The discharger shall file with the Board a report on waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.

6. This Board requires the discharger to file with the Board, within 90 days after the effective date of this Order, a technical report on his preventive (failsafe) and contingency (cleanup) plans for controlling accidental discharges, and for minimizing the effect of such events. The technical report should:

   Identify the possible sources of accidental loss, untreated waste bypass, and contaminated drainage. Loading and storage areas, power outage, waste treatment unit outage, and failure of process equipment, tanks and pipes should be considered.

   Evalulate the effectiveness of present facilities and procedures and state when they became operational.

   Describe facilities and procedures needed for effective preventive and contingency plans.

   Predict the effectiveness of the proposed facilities and procedures and provide an implementation schedule containing interim and final dates when they will be constructed, implemented, or operational. (Reference: Sections 13267(b) and 13268, California Water Code.

   This Board, after review of the technical report, may establish conditions which it deems necessary to control accidental discharges and to minimize the effects of such events. Such conditions may be incorporated as part of this Order, upon notice to the discharger.

7. The discharger shall submit to the Board, by January 30 of each year, an annual summary of the quantities of all chemicals, listed by both trade and chemical names, which are used for cooling and/or boiler water treatment and which are discharged.

8. The discharger shall submit to the Board, together with the first monitoring report required by this permit, a list of all chemicals and proprietary additives which could affect this waste discharge, including quantities of each. Any subsequent changes in types and/or quantities shall be reported promptly.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

GENERAL MONITORING AND REPORTING PROVISIONS

GENERAL PROVISIONS FOR SAMPLING AND ANALYSIS

All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.

All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health.

Effluent samples shall be taken downstream of any addition to the treatment works and prior to mixing with the receiving waters.

The discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to insure accuracy of measurements, or shall insure that both activities will be conducted.

A grab sample is defined as an individual sample collected in fewer than 15 minutes.

A composite sample is defined as a combination of no fewer than eight individual samples obtained over the specified sampling period. The volume of each individual sample is proportional to the discharge flow rate at the time of sampling. The sampling period shall equal the discharge period, or 24 hours, whichever period is shorter.

GENERAL PROVISIONS FOR REPORTING

For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.

By January 30 of each year, the discharger shall submit an annual report to the Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.

The discharger shall maintain all sampling and analytical results, including strip charts; date, exact place, and time of sampling; date analyses were performed; analyst's name, analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Board.

(Revised 9/19/77)

In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with waste discharge requirements and, where applicable, shall include results of receiving water observations.

Monitoring reports shall be signed by:

a. In the case of corporations, by a principal executive officer at least of the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which discharge originates;

b. In the case of a partnership, by a general partner;

c. In the case of a sole proprietorship, by the proprietor;

d. In the case of municipal, state or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

Each report shall contain the following completed declaration:

"I declare under penalty of perjury that the foregoing is true and correct.

Executed on the _____ day of _____ at _____.

_____(Signature)

_____(Title)"

The discharger shall mail a copy of each monitoring report to the following:

California Regional Water Quality
Control Board - Los Angeles Region
107 South Broadway, Room 4027
Los Angeles, CA 90012

ATTN: Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM NO. 56
FOR
UNITED STATES PIPE AND FOUNDRY COMPANY
Concrete Pipe Division
(CA0001597)

The discharger shall implement this monitoring program on the effective date of this Order. The first monitoring report under this program is due January 15, 1980.

Monitoring reports shall be submitted by the dates in the following schedule:

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

If no flow occurred during the quarter the report shall so state.

Each monitoring report must affirm in writing that:

> All analyses were conducted at a laboratory certified for such analyses by the State Department of Health Services in accordance with current EPA guideline procedures or as specified in the Monitoring Program.

For any analysis performed for which no procedure is specified in the EPA guidelines or in this Monitoring Program, the constituent or parameter analyzed and the method or procedure used must be specified in the report.

The report shall state whether there was any change in the discharge as described in the application, during the reporting period.

Effluent Monitoring

A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis*
pH	pH units	grab	once per discharge event
Temperature	^{o}F	grab	once per discharge event
Total waste flow	gal/day	----	once per discharge day
Oil and grease	mg/l	grab	once per discharge event
Turbidity	NTU	grab	once per discharge event

* Samples shall be taken during the first hour of discharge. No more than one sample per month is required during periods of extended rainfall.

Ordered by Richard D. Wilson
Executive Officer

September 24, 1979
Date

State of California
Resources Agency
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO._____

NPDES NO. CA0001597

TENTATIVE

WASTE DISCHARGE REQUIREMENTS FOR UNITED STATES PIPE AND FOUNDRY COMPANY CONCRETE PIPE DIVISION

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. United States Pipe and Foundry Company (a corporation), Concrete Pipe Division, discharges wastes under waste discharge requirements contained in Order No. 74-376 (NPDES Permit No. CA0001597), adopted by this Board on November 18, 1974. Order No. 74-376 expires on November 28, 1979.

2. United States Pipe and Foundry Company, Concrete Pipe Division, has filed a report of waste discharge and has applied for renewal of its waste discharge requirements and National Pollutant Discharge Elimination System permit.

3. United States Pipe and Foundry Company, Concrete Pipe Division, manufactures concrete and steel pipe at a facility located at 14041 East Live Oak Avenue, Irwindale, California, and discharges up to 3 million gallons per day of settling pond overflow consisting mostly of rainwater runoff to San Gabriel River, a water of the United States, at a point about 200 feet upstream from Live Oak Avenue, above the tidal prism.

   The discharge occurs only during and shortly after periods of heavy rainfall when the storage capacity of the pond is exceeded.

   The settling pond receives a mixture of wastewaters from concrete curing, washdown of concrete pouring areas and equipment, single-pass non-contact compressor cooling water, boiler blowdown, water softener regeneration brine, steam condensate, and rainfall runoff. Most of the yard work areas are paved, and those wastewaters and runoff flow to the settling pond for removal of suspended solids and recycling of the ponded water.

Revised 9/6/79

The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public hearing heard and considered all comments pertaining to the discharge and to the tentative requirements.

This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of its adoption, provided the Regional Administrator, EPA, has no objections.

IT IS HEREBY ORDERED, that United States Pipe and Foundry Company, Concrete Pipe Division, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

TENTATIVE

A. Effluent Limitations

1. The discharge of an effluent in excess of the following limits is prohibited:

Constituent	Units	Discharge Limitations Maximum
Oil and grease	mg/l	15
	lbs/day*	375

2. The daily discharge rate shall be obtained from the following calculation for any calendar day:

$$\text{Daily discharge rate} = \frac{8.34}{N} \sum_{1}^{N} Q_i \, C_i$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (MGD) and the constituent concentration (mg/l) respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

* Based on a maximum flow of 3 million gallons per day.

3. The 30-day average shall be the arithmetic average of all the daily values calculated using the results of analyses of all samples collected during any 30 consecutive calendar day period. If fewer than four samples are collected and analyzed during any 30 consecutive calendar day period, compliance with the 30-day average limitation shall not be determined.

4. The pH of wastes discharged shall at all times be within the range 6.0 to 9.0.

5. The temperature of wastes discharged shall not exceed 100°F.

6. Wastes discharged shall not contain visible oil or grease, and shall not cause the appearance of grease, oil or oily slick, or persistent foam in the receiving waters or on channel banks, walls, inverts or other structures.

7. Wastes discharged shall not cause the formation of sludge deposits.

8. Neither the disposal nor any handling of waste shall cause pollution or nuisance.

9. Wastes discharged shall not damage flood control structures or facilities.

10. This discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

11. Wastes discharged shall not contain any substances in concentrations toxic to human, animal, plant, or aquatic life.

12. Oil or oily material, chemicals, refuse, sweepings, or other pollutionable materials shall not be stored or deposited in areas where they may be picked up by rainfall and carried off of this property or discharged to surface waters.

13. Wastes discharged shall not increase the natural turbidity of the receiving waters.

TENTATIVE

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITOR● AND REPORTING PROGRAM NO. ●

FOR

UNITED STATES PIPE AND FOUNDRY COMPANY
Concrete Pipe Division
(CA0001597)

The discharger shall implement this monitoring program on the effective date of this Order. The first monitoring report under this program is due January 15, 1980.

Monitoring reports shall be submitted by the dates in the following schedule:

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

If no flow occurred during the quarter the report shall so state.

Each monitoring report must affirm in writing that:

All analyses were conducted at a laboratory certified for such analyses by the State Department of Health Services in accordance with current EPA guideline procedures or as specified in the Monitoring Program.

For any analysis performed for which no procedure is specified in the EPA guidelines or in this Monitoring Program, the constituent or parameter analyzed and the method or procedure used must be specified in the report.

The report shall state whether there was any change in the discharge as described in the application, during the reporting period.

Effluent Monitoring

A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis*
pH	pH units	grab	once per discharge event
Temperature	°F	grab	once per discharge event
Total waste flow	gal/day	---	once per discharge day
Oil and grease	mg/l	grab	once per discharge event
Turbidity	NTU	grab	once per discharge event

* Samples shall be taken during the first hour of discharge. No more than one sample per month is required during periods of extended rainfall.

Ordered by _____
Executive Officer

_____
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD CA 0001597

LOS ANGELES REGION

STANDARD PROVISIONS

TENTATIVE

1. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under federal, state, or local laws, nor guarantee the discharger a capacity right in the receiving waters.

2. The discharge of any radiological, chemical, or biological warfare agent or high level radiological waste is prohibited.

3. The discharger shall require any industrial user of the treatment works to comply with applicable service charges and toxic and pretreatment standards promulgated in accordance with Sections 204(b), 307, and 308 of the Federal Water Pollution Control Act or amendments thereto. The discharger shall require each individual user to submit periodic notice (over intervals not to exceed nine months) of progress toward compliance with applicable toxic and pretreatment standards developed pursuant to the Federal Water Pollution Control Act or amendments thereto. The discharger shall forward a copy of such notice to the Board and the Regional Administrator.

4. The discharger shall permit the Regional Board:

   (a) Entry upon premises in which an effluent source is located or in which any required records are kept;

   (b) Access to copy any records required to be kept under terms and conditions of this Order;

   (c) Inspection of monitoring equipment or records, and

   (d) Sampling of any discharge.

5. All discharges authorized by this Order shall be consistent with the terms and conditions of this Order. The discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by this Order shall constitute a violation of the terms and conditions of this Order.

6. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements.

7. Collected screening, sludges, and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of this requirement, a legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a regional water quality control board and which is in full compliance therewith.

8. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:

   (a) Violation of any term or condition contained in this Order;

   (b) Obtaining this Order by misrepresentation, or failure to disclose all relevant facts;

   (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

9. If a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standards or prohibition) is established under Section 307(a) of the Federal Water Pollution Control Act, or amendments thereto, for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this Order, the Board will revise or modify this Order in accordance with such toxic effluent standard or prohibition and so notify the discharger.

10. There shall be no discharge of harmful quantities of oil or hazardous substances, as specified by regulation adopted pursuant to Section 311 of the Federal Water Pollution Control Act, or amendments thereto.

11. In the event the discharger is unable to comply with any of the conditions of this Order due to:

   (a) breakdown of waste treatment equipment;

   (b) accidents caused by human error or negligence; or

   (c) other causes such as acts of nature,

   the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

12. Supervisors and operators of publicly owned wastewater treatment plants shall possess a certificate of appropriate grade in accordance with regulations adopted by the State Water Resources Control Board

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

LOS ANGELES REGION

TENTATIVE

REPORTING REQUIREMENTS

1. The discharger shall file with the Board technical reports on self-monitoring work performed according to the detailed specifications contained in any Monitoring and Reporting Programs as directed by the Executive Officer.

2. The discharger shall file a written report with the Board within 90 days after the average dry-weather waste flow for any month equals or exceeds 75 percent of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

   Average daily flow for the month, the date on which the instantantaneous peak flow occurred, the rate of that peak flow, and the total flow for that day.

   The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

   The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b), and 13268, California Water Code).

3. The discharger shall notify the Board not later than 120 days in advance of implementation of any plans to alter production capacity of the product line of the manufacturing, producing or processing facility by more than ten percent. Such notification shall include estimates of proposed production rate, the type of process, and projected effects on effluent quality. Notification shall include submittal of a new report of waste discharge and appropriate filing fee.

4. The discharger shall notify the Board of (a) new introduction into such works of pollutants from a source which would be a new source as defined in Section 306 of the Federal Water Pollution Control Act, or amendments thereto, if such source were discharging pollutants to the waters of the United States, (b) new introductions of pollutantsinto such works from a source which would be subject to Section 301 of the Federal Water Pollution Control Act, or amendments thereto, if substantial change in the volume or character of pollutants being introduced into such works by a source introducing pollutants into such works at the time the waste discharge requirements were adopted. Notice shall include a description of the quantity and quality of pollutants and the impact of such change on the substantial change in volume is considered an increase of ten percent in the mean dry-weather flow rate. The discharger shall forward a copy of such notice directly to the Regional Administrator.

5. The discharger shall file with the Board a report on waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.

6. This Board requires the discharger to file with the Board, within 90 days after the effective date of this Order, a technical report on his preventive (failsafe) and contingency (cleanup) plans for controlling accidental discharges, and for minimizing the effect of such events. The technical report should:

   Identify the possible sources of accidental loss, untreated waste bypass, and contaminated drainage. Loading and storage areas, power outage, waste treatment unit outage, and failure of process equipment, tanks and pipes should be considered.

   Evalulate the effectiveness of present facilities and procedures and state when they became operational.

   Describe facilities and procedures needed for effective preventive and contingency plans.

   Predict the effectiveness of the proposed facilities and procedures and provide an implementation schedule containing interim and final dates when they will be constructed, implemented, or operational. (Reference: Sections 13267(b) and 13268, California Water Code.

   This Board, after review of the technical report, may establish conditions which it deems necessary to control accidental discharges and to minimize the effects of such events. Such conditions may be incorporated as part of this Order, upon notice to the discharger.

7. The discharger shall submit to the Board, by January 30 of each year, an annual summary of the quantities of all chemicals, listed by both trade and chemical names, which are used for cooling and/or boiler water treatment and which are discharged.

8. The discharger shall submit to the Board, together with the first monitoring report required by this permit, a list of all chemicals and proprietary additives which could affect this waste discharge, including quantities of each. Any subsequent changes in types and/or quantities shall be reported promptly.

CA0001597
TENTATIVE

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

GENERAL MONITORING AND REPORTING PROVISIONS

GENERAL PROVISIONS FOR SAMPLING AND ANALYSIS

All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.

All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health.

Effluent samples shall be taken downstream of any addition to the treatment works and prior to mixing with the receiving waters.

The discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to insure accuracy of measurements, or shall insure that both activities will be conducted.

A grab sample is defined as an individual sample collected in fewer than 15 minutes.

A composite sample is defined as a combination of no fewer than eight individual samples obtained over the specified sampling period. The volume of each individual sample is proportional to the discharge flow rate at the time of sampling. The sampling period shall equal the discharge period, or 24 hours, whichever period is shorter.

GENERAL PROVISIONS FOR REPORTING

For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.

By January 30 of each year, the discharger shall submit an annual report to the Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.

The discharger shall maintain all sampling and analytical results, including strip charts; date, exact place, and time of sampling; date analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Board.

(Revised 8/4/75)

TENTATIVE

In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with waste discharge requirements and, where applicable, shall include results of receiving water observations.

Monitoring reports shall be signed by:

a. In the case of corporations, by a principal executive officer at least of the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which discharge originates;

b. In the case of a partnership, by a general partner;

c. In the case of a sole proprietorship, by the proprietor;

d. In the case of municipal, state or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

Each report shall contain the following completed declaration:

"I declare under penalty of perjury that the foregoing is true and correct.

Executed on the _____ day of _____ at _____.

_____(Signature)

_____(Title)"

The discharger shall mail a copy of each monitoring report to the following:

California Regional Water Quality
Control Board - Los Angeles Region
107 South Broadway, Room 4027
Los Angeles, CA 90012

ATTN: Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM NO. [redacted]
FOR
UNITED STATES PIPE AND FOUNDRY COMPANY
Concrete Pipe Division
(CA0001597)

The discharger shall implement this monitoring program on the effective date of this Order. The first monitoring report under this program is due January 15, 1983.

Monitoring reports shall be submitted by the dates in the following schedule:

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

If no flow occurred during the quarter the report shall so state.

Each monitoring report must affirm in writing that:

> All analyses were conducted at a laboratory certified for such analyses by the State Department of Health Services in accordance with current EPA guideline procedures or as specified in the Monitoring Program.

For any analysis performed for which no procedure is specified in the EPA guidelines or in this Monitoring Program, the constituent or parameter analyzed and the method or procedure used must be specified in the report.

The report shall state whether there was any change in the discharge as described in the application, during the reporting period.

Effluent Monitoring

A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis*
pH	pH units	grab	once per discharge event
Temperature	°F	grab	once per discharge event
Total waste flow	gal/day	-----	once per discharge day
Oil and grease	mg/l	grab	once per discharge event
Total dissolved solids	mg/l	grab	once per discharge event
Turbidity	NTU	grab	once per discharge event

* Samples shall be taken during the first hour of discharge. No more than one sample per month is required during periods of extended rainfall.

Ordered by _____
Executive Officer

_____
Date

STATE OF CALIFORNIA—RESOURCES AGENCY

EDMUND G. BROWN JR., Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION

107 SOUTH BROADWAY, SUITE 4027
LOS ANGELES, CALIFORNIA 90012
(213) 620-4460

SEP 5 1979

United States Pipe and Foundry
Company
Concrete Pipe Division
P.O. Box 429
Baldwin Park, CA 91706

ATTN: Mr. Robert F. Mair,
Plant Manager

RE: Tentative Waste Discharge Requirements
(File No. 55-71)

Gentlemen:

Reference is made to our letter of August 27, 1979, which transmitted a copy of tentative waste discharge requirements for the discharge to ground through your unlined settling pond. You were informed that these requirements would be considered by the Board at its September 24, 1979, meeting.

The County Engineer's office has decided they will issue an updated Industrial Waste permit for this discharge. Therefore, we are withdrawing these tentative waste discharge requirements; they will not be presented to the Board for consideration at the September 24, 1979, meeting. We will recommend instead that the Board at some future date adopt pertinent conditions and limitations in the County permit as the Board's requirements.

If you have any questions, please call Dennis Dasker at the above number.

Very truly yours,

RAYMOND M. HERTEL
Executive Officer
By

Dennis Dasker

DENNIS DASKER
Senior Water Resource
Control Engineer

cc: See attached mailing list

RECEIVED
SEP 11 19[illegible]
SANITATION

cc: Environmental Protection Agency, Region IX
Regional Administrator, Attn: Permits Branch
United States Army Corps of Engineers
State Water Resources Control Board, Legal Division
ATTN: Mr. Harry M. Schueller
Department of Fish and Game, Region 5
Department of Health Services, Sanitary Engineering Section
Department of Water Resources
U.S. Fish and Wildlife Service, Division of River Basin Studies
Los Angeles County Flood Control District
County of Los Angeles, Department of Health Services
City of Irwindale
NOAA, National Marine Fisheries Service
Los Angeles County Engineer-Facilities, Sanitation Division
Upper San Gabriel Valley Municipal Water District

Enclosures

STATE OF CALIFORNIA—RESOURCES AGENCY

EDMUND G. BROWN JR., Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION

107 SOUTH BROADWAY, SUITE 4027
LOS ANGELES, CALIFORNIA 90012
(213) 620-4460

RECEIVED
SEP 11 1979
SANITATION

SEP 0 / 1979

United States Pipe and Foundry Company
Concrete Pipe Division
P. O. Box 429
Baldwin Park, CA 91706

Attn: Mr. Robert F. Muir
Plant Manager

RE: Tentative Waste Discharge Requirements (NPDES Permit No. CA0001597)

Gentlemen:

Reference is made to our letter of August 24, 1979, which transmitted a copy of tentative renewal waste discharge requirements for surface discharge and informed you they would be considered by the Board at its September 24, 1979, hearing.

We have revised the tentative effluent limitations to delete the limitations for total dissolved solids and turbidity as they are not appropriate for this storm water discharge. Please replace the original pages with the enclosed revised pages 3, 4 and 9-1.

The revised tentative requirements will still be considered by the Board at its September 24, 1979, hearing.

If you have any questions, please call us.

Very truly yours,

RAYMOND M. HERTEL
Executive Officer
By

[illegible]

DENNIS DASKER
Senior Water Resource Control Engineer

cc: Mailing List

Enclosures

cc: Environmental Protection Agency, Region IX
Regional Administrator, Attn: Permits Branch
United States Army Corps of Engineers
State Water Resources Control Board, Legal Division
ATTN: Mr. Harry M. Schueller
Department of Fish and Game, Region 5
Department of Health Services, Sanitary Engineering Section
Department of Water Resources
U.S. Fish and Wildlife Service, Division of River Basin Studies
Los Angeles County Flood Control District
County of Los Angeles, Department of Health Services
City of Irwindale
NOAA, National Marine Fisheries Service
Los Angeles County Engineer-Facilities, Sanitation Division
Upper San Gabriel Valley Municipal Water District

Enclosures

RECEIVED
SEP 12 1979
SANITATION

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
PROJECT PLANNING AND POLLUTION CONTROL DIVISION
CHEMICAL ANALYSIS REQUEST

By CARL SJOBERG - SANITATION DIV. 3350.10

Sample Source U.S. PIPE
Name and address or location

Sample Of *Industrial Waste* ☒ *Water* ☐ *Sewage* ☐ *Other* _____

If Industrial Waste
Type of Industry or Process CEMENT CURING, CEMENT MFG, BOILER WATER SOFTNR BACKFLUSH / CHLORINATION File No. I-593-35
specify

Discharge *Surface* ☒ *Subsurface* ☒ *Sewer* ☐ *Stored-Hauled* ☐

Sampling Point SETTLING POND
Specific location in treatment or process

Sample *Marked* AB1 *Quant.* 2 gal. *Temp.* (F°) 80 *Time* 11:00 *Date* 9-4-79

Collector D. LOPATO Special Instructions _____

Parameter	✓	Mg/l or ppm	Parameter	✓	Mg/l or ppm
Calcium (Ca)			Nickel (Ni)		
Magnesium (Mg)			Selenium (Se)		
Sodium (Na)			Chloride (Cl)	✓	35.0
Potassium (K)			Sulfate (SO_4)	✓	52.5
Iron (Fe)			Bicarbonate (HCO_3)		
Manganese (Mn)			Carbonate (CO_3)		
Aluminum (Al)			Hydroxide (OH)		
Boron (B)	✓	< 0.1	Fluoride (F)		
Chromium (Cr)			Phosphate (PO_4)		
Silica (Si)			Cyanide (CN)		
Arsenic (As)			Sulfide (H_2S)		
Barium (Ba)			Residual Chlorine (Cl_2)		
Cadmium (Cd)			Nitrate Nitrogen (NO_3-N)		
Copper (Cu)			Nitrite Nitrogen (NO_2-N)		
Lead (Pb)			Ammonia Nitrogen (NH_3-N)		
Mercury (Hg)			Organic Nitrogen (Org-N)		
Zinc (Zn)			Thiosulphate (S_2O_3)		
pH	✓	8.0	Dissolved Oxygen (DO)		
Hardness (as $CaCO_3$)	✓	123.0	Biochemical Oxygen Demand (BOD)		
Alkalinity (as $CaCO_3$)	✓	113.1	Chemical Oxygen Demand (COD)		
Non-Carbonate Hardness	✓	123.0	Dissolved Solids (TDS)	✓	250
Oil & Grease			Suspended Solids	✓	40.0
Phenols			Total Solids	✓	290
MBAS (surfactants Anionic)			Settleable Solids ml/l	✓	< 0.5
Turbidity			Color		
Conductance (micromhos)			Odor		
Sodium Ratio			Coliform		

Remarks _____

ATTACHED [signature] for 9/25/79

Date Received 9/04/1979 Laboratory No. 44480 Analysis by Water Qual. Lab Date Completed 9/18/1979

76C211F-CE 644 (Rev. 8/74)

FILE COPY

STATE OF CALIFORNIA—RESOURCES AGENCY EDMUND G. BROWN JR., Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
107 SOUTH BROADWAY, SUITE 4027
LOS ANGELES, CALIFORNIA 90012

SEP 2 6 1979

RECEIVED
SEP 2 7 1979
SANITATION

United States Pipe and Foundry Company
Concrete Pipe Division
P. O. Box 429
Baldwin Park, CA 91706

ATTN: Mr. Robert F. Mair, Plant Manager

RE: Waste Discharge Requirements (NPDES Permit No. CA0001597)

Gentlemen:

Reference is made to our letter dated August 24, 1979, **which transmitted a draft of tentative requirements for your disposal of** settling pond overflow.

Pursuant to Division 7 of the California Water Code, this California Regional Water Quality Control Board, at a public hearing held on September 24, 1979, **reviewed these tentative requirements, considered all factors in the case, and adopted Order No.** 79-150 **(copy attached) relative to this waste discharge. This Order serves as a permit under the National Pollutant Discharge Elimination System, and expires** September 10, 1984. **Please note that you must file an application for a new permit at least 180 days in advance of that date.**

You are required to implement the new monitoring program as stated in the Monitoring and Reporting Program on the effective date of this Order. Please note that any monitoring report due under your previous Monitoring and Reporting Program is still required and must be submitted by the due date. Please reference all technical and monitoring reports to our Compliance File No. 1056. **We would appreciate it if you would not combine other reports, such as progress or technical reports, with your monitoring reports but would submit each type of report as a separate document.**

Very truly yours,

Original signed by
Raymond M. Hertel
RAYMOND M. HERTEL
Executive Officer

cc: See attached mailing list

Enclosures

cc: Environmental Protection Agency, Region IX
Regional Administrator, Attn: Permits Branch
United States Army Corps of Engineers
State Water Resources Control Board, Legal Division
ATTN: Mr. Harry M. Schueller
Department of Fish and Game, Region 5
Department of Health Services, Sanitary Engineering Section
Department of Water Resources
U.S. Fish and Wildlife Service, Division of River Basin Studies
Los Angeles County Flood Control District
County of Los Angeles, Department of Health Services
City of Irwindale
NOAA, National Marine Fisheries Service
Los Angeles County Engineer-Facilities, Sanitation Division
Upper San Gabriel Valley Municipal Water District

Enclosures

State of California

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. _____

NPDES NO. CA0001597

WASTE DISCHARGE REQUIREMENTS
FOR

UNITED STATES PIPE AND FOUNDRY COMPANY
UNITED CONCRETE PIPE DIVISION

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. United States Pipe and Foundry Company, United Concrete Pipe Division, [illegible] found in Order No. [illegible] [illegible]

2. United States Pipe and Foundry Company, United Concrete Pipe Division, [illegible]

3. United States Pipe and Foundry Company, United Concrete Pipe Division, manufactures concrete and steel pipe at a facility located at 14011 East Live Oak Avenue, Irwindale, California, and discharges [illegible] of the United States, [illegible] upstream from Live Oak Avenue, [illegible]

[illegible]

The settling pond [illegible] curing, washdown of concrete powder areas and equipment, single-pass non-contact compressor cooling water, boiler blowdown, water softener regeneration brine, steam condensate, and rainfall runoff. Most of the yard work areas are paved, and those wastewaters [illegible] runoff flow to the settling pond for removal of suspended solids and recycling of the ponded water.

4. All the sanitary wastewater from the facility is disposed of [illegible] and is not allowed to [illegible] and a septic tank and leach field. No community sewage system is available.

5. Waste discharge requirements for discharge of treated by percolation was prescribed in Resolution (80-08-BH-R) Board requirements.

6. The sediment accumulated in the retention pond is periodically removed and disposed of at a legal disposal site.

7. [illegible] Tier for [illegible] Water Quality Control Board. The [illegible] requirements [illegible] with the [illegible] Water Quality Control Plan.

8. The beneficial uses of the receiving waters that may be affected are [illegible] and [illegible] habitat, and wildlife habitat. [illegible] the [illegible] [illegible] [illegible]

The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public hearing heard and considered all comments pertaining to the discharge and to the tentative requirements.

This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of its adoption, provided the Regional Administrator, EPA, has no objections.

IT IS HEREBY ORDERED that this Order [illegible] Discharge Elimination System [illegible]

In order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitations

1. [illegible]

2. [illegible]

Constituent	Units	Discharge Limitations Monthly
Oil and grease	[illegible]	[illegible]
	[illegible]	[illegible]

[illegible]

[illegible] samples which may be taken at any time [illegible]. If a composite sample is taken, C_i is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

* Based on a maximum flow of [illegible] million gal per day.

4. The pH of wastes discharged shall at all times be within the range 6.0 to 9.0.

5. The temperature of wastes discharged shall not exceed 100°F.

6. Wastes discharged shall not contain visible oil or grease, and shall not cause the appearance of [illegible], oil or oily slick, or persistent foam in the receiving waters or on channel banks, walls, inverts or other structures.

7. Wastes discharged shall not cause the formation of sludge deposits.

8. Neither the disposal nor any handling of waste shall cause pollution or nuisance.

9. Wastes discharged shall not damage flood control structures or facilities.

10. This discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

11. Wastes discharged shall not contain any substances in concentrations toxic to human, animal, plant, or aquatic life.

12. Oil or oily material, chemicals, refuse, assessment or other pollutant [illegible] material [illegible] to [illegible] or [illegible] in [illegible] where [illegible] by rainfall and carried off of this property or [illegible] to surface waters.

13. Wastes discharged shall not increase the natural turbidity of the receiving waters.

TENTATIVE

Order

[illegible] Provisions

1. This Order includes the following items of the attached "Standard Provisions": 1,2,4,5,6,7,8,9, and 10.

2. This Order includes the following items of the attached "Reporting Requirements": 1 and 5.

3. This Order includes the attached "General Monitoring and Reporting Provisions."

4. This Order [illegible] and the [illegible] Title 23, [illegible] 180 days [illegible] for issuance of new waste discharge requirements.

5. A copy of these waste discharge specifications shall be maintained at the discharge facility so as to be available at all times to operating [illegible].

6. [illegible] of these waste disposal facilities, the discharger shall notify [illegible]

7. [illegible] constitutes a violation of the permit.

8. This order may be modified, [illegible] reissued, to comply with any applicable effluent limitation [illegible] in Natural Resources Defense Council, Inc., et al. v. Russell F. Train, [illegible]

   (1) [illegible]

   (2) controls any pollutant not limited in this order.

9. These requirements do not exempt the operator of this waste disposal facility from compliance with any other laws, regulations, or ordinances which may be applicable; they do not legalize this waste disposal facility, and they leave unaffected any further restraints on the disposal of wastes at this site [illegible]

State of California

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. 84-70

NPDES NO. CA0001597

WASTE DISCHARGE REQUIREMENTS FOR

UNITED STATES PIPE AND FOUNDRY COMPANY
UNITED CONCRETE PIPE DIVISION

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. United States Pipe and Foundry Company (a corporation), United Concrete Pipe Division, discharges wastes under waste discharge requirements contained in Order No. 79-150 adopted by this Board on September 24, 1979.

2. United States Pipe and Foundry Company, United Concrete Pipe Division, has filed a report of waste discharge and has applied for renewal of its waste discharge requirements and National Pollutant Discharge Elimination System permit.

3. United States Pipe and Foundry Company, United Concrete Pipe Division, manufactures concrete and steel pipe at a facility located at 14041 East Live Oak Avenue, Irwindale, California, and discharges up to 1.7 million gallons per day of settling pond overflow consisting mostly of rainwater runoff to San Gabriel River, a water of the United States, at a point about 200 feet upstream from Live Oak Avenue, above the tidal prism.

   The discharge occurs only during and shortly after periods of heavy rainfall when the storage capacity of the pond is exceeded.

   The settling pond receives a mixture of wastewaters from concrete curing, washdown of concrete pouring areas and equipment, single-pass non-contact compressor cooling water, boiler blowdown, water softener regeneration brine, steam condensate, and rainfall runoff. Most of the yard work areas are paved, and those wastewaters and runoff flow to the settling pond for removal of suspended solids and recycling of the ponded water.

4. All the sanitary wastewater from the facility is disposed of onsite by means of a private sewage disposal system consisting of a septic tank and leach field. No community sewer system is available.

5. Waste discharge requirements for disposal of wastes by percolation are prescribed in separate (non-NPDES) Board requirements.

6. The sediment accumulated in the settling pond is periodically removed and disposed of to a legal disposal site.

7. The Board adopted a revised Water Quality Control Plan for Los Angeles River Basin on November 27, 1978. The Plan contains water quality objectives for San Gabriel River. The requirements contained in this Order as they are met will be in conformance with the goals of the Water Quality Control Plan.

8. The beneficial uses of the receiving waters are: water contact and non-water contact recreation; warm and cold freshwater habitat and wildlife habitat; groundwater recharge; and (within the tidal prism) industrial service supply; ocean commercial and sport fishing; preservation of rare and endangered species; marine habitat; and saline water habitat.

9. Effluent limitation standards established pursuant to Section 301 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.

10. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.

STATE OF CALIFORNIA

GEORGE DEUKMEJIAN, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—LOS ANGELES REGION

[illegible]

July 6, 1984

[illegible]
[illegible]
[illegible]
[illegible]

Attn: Mr. D. D. [illegible]
Plant Manager

Re: Tentative Waste Discharge Requirements (NPDES Permit CA0001023)

Gentlemen:

[illegible]

[illegible]

Enclosed are the following documents:

1. Tentative [illegible]

   a. [illegible]
   b. [illegible]
   c. [illegible]
   d. General Monitoring and Reporting Provisions
   e. Monitoring [illegible]

2. [illegible]

3. [illegible]

4. Statement of Hearing Notice

In accordance with administrative procedures, this Board at a public hearing to be held on September 17, 1984, [illegible] Los Angeles, California, will consider the tentative requirements and any written objections to the tentative requirements prior to that hearing. The Board will hear and consider any comment pertaining to the [illegible] at the hearing. [illegible] any person affected by or interested in the discharge may appear at the hearing and submit evidence.

Any written comments that any person has with respect to this Tentative Order must be received by August [illegible], in order to be included in the Board's agenda folder. However, comments received after that date will still be considered by the Board.

With respect to the public notice, in accordance with the Federal Water Pollution Control Act [illegible] and the California Administrative Code, you are [illegible] posting of the [illegible].

Failure to publish or post the notice will prevent the adoption of waste discharge requirements to discharge without requirements subjects you to civil penalties of up to $[illegible] for each day in which such discharge occurs. Failure to publish or post the notice by the above date will force us to reschedule this item for a later hearing and will require the publication or posting of a second notice. Please notify this Board by telephone when the notice has been published or posted and submit the proof of publication or posting as required in the enclosed instructions. Proof of posting or publication of the notice must be submitted to the Executive Officer of this Regional Board [illegible].

If you have any questions please call [illegible] at [illegible].

Very truly yours,

[illegible]

[illegible]
Senior Water Resources
Control Engineer

[illegible]

[illegible]

MAILING LIST

cc: Environmental Protection Agency
Region 9
Attn: Regional Administrator
Permits Branch
U. S. Army Corps of Engineers
State Water Resources Control Board
Division of Technical Services
Attn: [illegible]
Department of Fish and Game, Region 5
Department of Health Services
Sanitary Engineering Section
Department of Water Resources
U.S. Fish & Wildlife Service
Division of River Basin Studies
Los Angeles County Flood Control District
County of Los Angeles
Department of Health Services
City of Irwindale
NOAA, National Marine Fisheries Service
Los Angeles County Engineers - Facilities
Sanitation Division
Upper Pan Gabriel Valley Municipal Water District

STATE OF CALIFORNIA
GEORGE DEUKMEJIAN, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION

107 SOUTH BROADWAY, SUITE 4027
LOS ANGELES, CALIFORNIA 90012-4596
(213) 620-4460

T 573

September 27, 1984

Mr. D. H. Wadley, Plant Manager
United States Pipe & Foundry Company
P.O. Box 429
Baldwin Park, CA 91706

WASTE DISCHARGE REQUIREMENTS (NPDES PERMIT NO. CA0001597)

Reference is made to our letter dated July 9, 1984, which transmitted a draft of tentative requirements for your disposal of wastewater to San Gabriel River.

Pursuant to Division 7 of the California Water Code, this California Regional Water Quality Control Board, at a public hearing held on September 17, 1984, reviewed these tentative requirements, considered all factors in the case, and adopted Order No. 84-70 (copy attached) relative to this waste discharge. This Order serves as a permit under the National Pollutant Discharge Elimination System, and expires September 10, 1989. Please note that you must file an application for a new permit at least 180 days in advance of that date.

You are required to implement the new monitoring program as stated in the Monitoring and Reporting Program on the effective date of this Order. Please note that any monitoring report due under your previous Monitoring and Reporting Program is still required and must be submitted by the due date. Please reference all technical and monitoring reports to our Compliance File No. 1056. We would appreciate it if you would not combine other reports, such as progress or technical reports, with your monitoring reports but would submit each type of report as a separate document.

Robert P. Ghirelli

ROBERT P. GHIRELLI, D.Env.
Executive Officer

cc: See attached mailing list

Enclosures

MAILING LIST

cc: Environmental Protection Agency
Region 9
Attn: Regional Administrator
Permits Branch
U. S. Army Corps of Engineers
State Water Resources Control Board
Division of Technical Services
Attn: Ed Anton
Department of Fish and Game, Region 5
Department of Health Services
Sanitary Engineering Section
Department of Water Resources
U.S. Fish & Wildlife Service
Division of River Basin Studies
Los Angeles County Flood Control District
County of Los Angeles
Department of Health Services
City of Irwindale
NOAA, National Marine Fisheries Service
Los Angeles County Engineers - Facilities
Sanitation Division
Upper San Gabriel Valley Municipal Water District

The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public hearing heard and considered all comments pertaining to the discharge and to the tentative requirements.

This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of its adoption, provided the Regional Administrator, EPA, has no objections.

IT IS HEREBY ORDERED, that United States Pipe and Foundry Company, United Concrete Pipe Division,

in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitations

1. Wastes discharged shall be limited to settling pond overflow during and/or immediately after rainfall only as proposed.

2. The discharge of an effluent in excess of the following limits is prohibited:

Constituent	Units	Discharge Limitations Maximum
Oil and grease	mg/l	15
	lbs/day*	213

3. The daily discharge rate shall be obtained from the following calculation for any calendar day:

$$\text{Daily discharge rate} = \frac{8.34}{N} \sum_{i=1}^{N} Q_i C_i$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (MGD) and the constituent concentration (mg/l) respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

* Based on a maximum flow of 1.7 million gallons per day.

4. The pH of wastes discharged shall at all times be within the range 6.0 to 9.0.

5. The temperature of wastes discharged shall not exceed 100°F.

6. Wastes discharged shall not contain visible oil or grease, and shall not cause the appearance of grease, oil or oily slick, or persistent foam in the receiving waters or on channel banks, walls, inverts or other structures.

7. Wastes discharged shall not cause the formation of sludge deposits.

8. Neither the disposal nor any handling of waste shall cause pollution or nuisance.

9. Wastes discharged shall not damage flood control structures or facilities.

10. This discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

11. Wastes discharged shall not contain any substances in concentrations toxic to human, animal, plant, or aquatic life.

12. Oil or oily material, chemicals, refuse, sweepings, or other pollutionable materials shall not be stored or deposited in areas where they may be picked up by rainfall and carried off of this property or discharged to surface waters.

13. Wastes discharged shall not increase the natural turbidity of the receiving waters.

B. Provisions

1. This Order includes the following items of the attached "Standard Provisions": 1,2,4,5,6,7,8,9, and 11.

2. This Order includes the following items of the attached "Reporting Requirements": 1 and 5.

3. This Order includes the attached "General Monitoring and Reporting Provisions."

4. This Order expires on September 10, 1983, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.

5. A copy of these waste discharge specifications shall be maintained at the discharge facility so as to be available at all times to operating personnel.

6. In the event of any change in name, ownership, or control of these waste disposal facilities, the discharger shall notify this Board of such change and shall notify the succeeding owner or operator of the existence of this Order by letter, copy of which shall be forwarded to the Board.

7. Any discharge of wastes at any point(s) other than specifically described in this permit is prohibited, and constitutes a violation of the permit.

8. This order may be modified, or, alternatively, revoked and reissued, to comply with any applicable effluent limitation issued pursuant to the order the United States District Court for the District of Columbia issued on June 8, 1976, in Natural Resources Defense Council, Inc. et al. v. Russell E. Train, 8 ERC 2120 (D.D.C. 1976), if the effluent limitation so issued:

   (1) is different in conditions or more stringent than any effluent limitation in this order; or

   (2) controls any pollutant not limited in this order.

9. These requirements do not exempt the operator of this waste disposal facility from compliance with any other laws, regulations, or ordinances which may be applicable; they do not legalize this waste disposal facility, and they leave unaffected any further restraint on the disposal of wastes at this site which may be contained in other statutes or required by other agencies.

10. Order No. 79-150, adopted by this Board on September 24, 1979, is hereby rescinded.

I, Robert P. Ghirelli, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on September 17, 1984.

Robert P. Ghirelli

ROBERT P. GHIRELLI, Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

LOS ANGELES REGION

STANDARD PROVISIONS

- 001597

1. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under federal, state, or local laws, nor guarantee the discharger a capacity right in the receiving waters.

2. The discharge of any radiological, chemical, or biological warfare agent or high level radiological waste is prohibited.

3. The discharger shall require any industrial user of the treatment works to comply with applicable service charges and toxic and pretreatment standards promulgated in accordance with Sections 204(b), 307, and 308 of the Federal Water Pollution Control Act or amendments thereto. The discharger shall require each individual user to submit periodic notice (over intervals not to exceed nine months) of progress toward compliance with applicable toxic and pretreatment standards developed pursuant to the Federal Water Pollution Control Act or amendments thereto. The discharger shall forward a copy of such notice to the Board and the Regional Administrator.

4. The discharger shall permit the Regional Board:

   (a) Entry upon premises in which an effluent source is located or in which any required records are kept;

   (b) Access to copy any records required to be kept under terms and conditions of this Order;

   (c) Inspection of monitoring equipment or records, and

   (d) Sampling of any discharge.

5. All discharges authorized by this Order shall be consistent with the terms and conditions of this Order. The discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by this Order shall constitute a violation of the terms and conditions of this Order.

6. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements.

7. Collected screening, sludges, and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of this requirement, a legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a regional water quality control board and which is in full compliance therewith.

8. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:

   (a) Violation of any term or condition contained in this Order;

   (b) Obtaining this Order by misrepresentation, or failure to disclose all relevant facts;

   (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

9. If a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standards or prohibition) is established under Section 307(a) of the Federal Water Pollution Control Act, or amendments thereto, for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this Order, the Board will revise or modify this Order in accordance with such toxic effluent standard or prohibition and so notify the discharger.

10. There shall be no discharge of harmful quantities of oil or hazardous substances, as specified by regulation adopted pursuant to Section 311 of the Federal Water Pollution Control Act, or amendments thereto.

11. In the event the discharger is unable to comply with any of the conditions of this Order due to:

   (a) breakdown of waste treatment equipment;

   (b) accidents caused by human error or negligence; or

   (c) other causes such as acts of nature,

   the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

12. Supervisors and operators of publicly owned wastewater treatment plants shall possess a certificate of appropriate grade in accordance with regulations adopted by the State Water Resources Control Board.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

LOS ANGELES REGION

REPORTING REQUIREMENTS 0001597

1. The discharger shall file with the Board technical reports on self-monitoring work performed according to the detailed specifications contained in any Monitoring and Reporting Programs as directed by the Executive Officer.

2. The discharger shall file a written report with the Board within 90 days after the average dry-weather waste flow for any month equals or exceeds 75 percent of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

   Average daily flow for the month, the date on which the instantantaneous peak flow occurred, the rate of that peak flow, and the total flow for that day.

   The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

   The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b), and 13268, California Water Code).

3. The discharger shall notify the Board not later than 120 days in advance of implementation of any plans to alter production capacity of the product line of the manufacturing, producing or processing facility by more than ten percent. Such notification shall include estimates of proposed production rate, the type of process, and projected effects on effluent quality. Notification shall include submittal of a new report of waste discharge and appropriate filing fee.

4. The discharger shall notify the Board of (a) new introduction into such works of pollutants from a source which would be a new source as defined in Section 306 of the Federal Water Pollution Control Act, or amendments thereto, if such source were discharging pollutants to the waters of the United States, (b) new introductions of pollutantsinto such works from a source which would be subject to Section 301 of the Federal Water Pollution Control Act, or amendments thereto, if substantial change in the volume or character of pollutants being introduced into such works by a source introducing pollutants into such works at the time the waste discharge requirements were adopted. Notice shall include a description of the quantity and quality of pollutants and the impact of such change on the substantial change in volume is considered an increase of ten percent in the mean dry-weather flow rate. The discharger shall forward a copy of such notice directly to the Regional Administrator.

5. The discharger shall file with the Board a report on waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.

6. This Board requires the discharger to file with the Board, within 90 days after the effective date of this Order, a technical report on his preventive (failsafe) and contingency (cleanup) plans for controlling accidental discharges, and for minimizing the effect of such events. The technical report should:

   Identify the possible sources of accidental loss, untreated waste bypass, and contaminated drainage. Loading and storage areas, power outage, waste treatment unit outage, and failure of process equipment, tanks and pipes should be considered.

   Evalulate the effectiveness of present facilities and procedures and state when they became operational.

   Describe facilities and procedures needed for effective preventive and contingency plans.

   Predict the effectiveness of the proposed facilities and procedures and provide an implementation schedule containing interim and final dates when they will be constructed, implemented, or operational. (Reference: Sections 13267(b) and 13268, California Water Code.

   This Board, after review of the technical report, may establish conditions which it deems necessary to control accidental discharges and to minimize the effects of such events. Such conditions may be incorporated as part of this Order, upon notice to the discharger.

7. The discharger shall submit to the Board, by January 30 of each year, an annual summary of the quantities of all chemicals, listed by both trade and chemical names, which are used for cooling and/or boiler water treatment and which are discharged.

8. The discharger shall submit to the Board, together with the first monitoring report required by this permit, a list of all chemicals and proprietary additives which could affect this waste discharge, including quantities of each. Any subsequent changes in types and/or quantities shall be reported promptly.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

000159

GENERAL MONITORING AND REPORTING PROVISIONS

GENERAL PROVISIONS FOR SAMPLING AND ANALYSIS

All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.

All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services.

Effluent samples shall be taken downstream of any addition to the treatment works and prior to mixing with the receiving waters.

The discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to insure accuracy of measurements, or shall insure that both activities will be conducted.

A grab sample is defined as an individual sample collected in fewer than 15 minutes.

A composite sample is defined as a combination of no fewer than eight individual samples obtained over the specified sampling period. The volume of each individual sample is proportional to the discharge flow rate at the time of sampling. The sampling period shall equal the discharge period, or 24 hours, whichever period is shorter.

GENERAL PROVISIONS FOR REPORTING

For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.

The discharger shall maintain all sampling and analytical results, including strip charts; date, exact place, and time of sampling; date analyses were performed; analyst's name, analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Board.

(Revised 7/23/84)
(Revised 8/17/84)

In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernable. The data shall be summarized to demonstrate compliance with waste discharge requirements and, where applicable, shall include results of receiving water observations.

000159

Monitoring reports shall be signed by:

a. In the case of corporations, by a principal executive officer at least of the level of vice-president or his duly authorized representative, if such representative, is responsible for the overall operation of the facility from which discharge originates;

b. In the case of a partnership, by a general partner;

c. In the case of a sole proprietorship, by the proprietor;

d. In the case of municipal, state or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

Each report shall contain the following completed declaration:

"I declare under penalty of perjury that the foregoing is true and correct.

Executed on the _____ day of _____
at _____.

_____(Signature)

_____(Title)"

The discharger shall mail a copy of each monitoring report to the following:

EXECUTIVE OFFICER
CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD - LOS ANGELES REGION
107 South Broadway - Room 4027
Los Angeles, CA 90012-4596

Effluent Monitoring

A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis*
pH	pH units	grab	once per discharge event
Temperature	°F	grab	once per discharge event
Total waste flow	gal/day	----	once per discharge day
Oil and grease	mg/l	grab	once per discharge event
Turbidity	NTU	grab	once per discharge event

* Samples shall be taken during the first hour of discharge. No more than one sample per month is required during periods of extended rainfall.

Ordered by Robert P. Ghirelli
Executive Officer

SEP 17 1984
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

LOS ANGELES REGION

STANDARD PROVISIONS

00001597

1. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under federal, state, or local laws, nor guarantee the discharger a capacity right in the receiving waters.

2. The discharge of any radiological, chemical, or biological warfare agent or high level radiological waste is prohibited.

3. The discharger shall require any industrial user of the treatment works to comply with applicable service charges and toxic and pretreatment standards promulgated in accordance with Sections 204(b), 307, and 308 of the Federal Water Pollution Control Act or amendments thereto. The discharger shall require each individual user to submit periodic notice (over intervals not to exceed nine months) of progress toward compliance with applicable toxic and pretreatment standards developed pursuant to the Federal Water Pollution Control Act or amendments thereto. The discharger shall forward a copy of such notice to the Board and the Regional Administrator.

4. The discharger shall permit the Regional Board:

   (a) Entry upon premises in which an effluent source is located or in which any required records are kept;

   (b) Access to copy any records required to be kept under terms and conditions of this Order;

   (c) Inspection of monitoring equipment or records, and

   (d) Sampling of any discharge.

5. All discharges authorized by this Order shall be consistent with the terms and conditions of this Order. The discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by this Order shall constitute a violation of the terms and conditions of this Order.

6. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements.

7. Collected screening, sludges, and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of this requirement, a legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a regional water quality control board and which is in full compliance therewith.

8. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:

   (a) Violation of any term or condition contained in this Order;

   (b) Obtaining this Order by misrepresentation, or failure to disclose all relevant facts;

   (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

9. If a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standards or prohibition) is established under Section 307(a) of the Federal Water Pollution Control Act, or amendments thereto, for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this Order, the Board will revise or modify this Order in accordance with such toxic effluent standard or prohibition and so notify the discharger.

10. There shall be no discharge of harmful quantities of oil or hazardous substances, as specified by regulation adopted pursuant to Section 311 of the Federal Water Pollution Control Act, or amendments thereto.

11. In the event the discharger is unable to comply with any of the conditions of this Order due to:

   (a) breakdown of waste treatment equipment;

   (b) accidents caused by human error or negligence; or

   (c) other causes such as acts of nature,

   the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

12. Supervisors and operators of publicly owned wastewater treatment plants shall possess a certificate of appropriate grade in accordance with regulations adopted by the State Water Resources Control Board.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

LOS ANGELES REGION

CA0001597

REPORTING REQUIREMENTS

1. The discharger shall file with the Board technical reports on self-monitoring work performed according to the detailed specifications contained in any Monitoring and Reporting Programs as directed by the Executive Officer.

2. The discharger shall file a written report with the Board within 90 days after the average dry-weather waste flow for any month equals or exceeds 75 percent of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

   Average daily flow for the month, the date on which the instantantaneous peak flow occurred, the rate of that peak flow, and the total flow for that day.

   The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

   The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b), and 13268, California Water Code).

3. The discharger shall notify the Board not later than 120 days in advance of implementation of any plans to alter production capacity of the product line of the manufacturing, producing or processing facility by more than ten percent. Such notification shall include estimates of proposed production rate, the type of process, and projected effects on effluent quality. Notification shall include submittal of a new report of waste discharge and appropriate filing fee.

4. The discharger shall notify the Board of (a) new introduction into such works of pollutants from a source which would be a new source as defined in Section 306 of the Federal Water Pollution Control Act, or amendments thereto, if such source were discharging pollutants to the waters of the United States, (b) new introductions of pollutantsinto such works from a source which would be subject to Section 301 of the Federal Water Pollution Control Act, or amendments thereto, if substantial change in the volume or character of pollutants being introduced into such works by a source introducing pollutants into such works at the time the waste discharge requirements were adopted. Notice shall include a description of the quantity and quality of pollutants and the impact of such change on the substantial change in volume is considered an increase of ten percent in the mean dry-weather flow rate. The discharger shall forward a copy of such notice directly to the Regional Administrator.

5. The discharger shall file with the Board a report on waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.

6. This Board requires the discharger to file with the Board, within 90 days after the effective date of this Order, a technical report on his preventive (failsafe) and contingency (cleanup) plans for controlling accidental discharges, and for minimizing the effect of such events. The technical report should:

   Identify the possible sources of accidental loss, untreated waste bypass, and contaminated drainage. Loading and storage areas, power outage, waste treatment unit outage, and failure of process equipment, tanks and pipes should be considered.

   Evalulate the effectiveness of present facilities and procedures and state when they became operational.

   Describe facilities and procedures needed for effective preventive and contingency plans.

   Predict the effectiveness of the proposed facilities and procedures and provide an implementation schedule containing interim and final dates when they will be constructed, implemented, or operational. (Reference: Sections 13267(b) and 13268, California Water Code.

   This Board, after review of the technical report, may establish conditions which it deems necessary to control accidental discharges and to minimize the effects of such events. Such conditions may be incorporated as part of this Order, upon notice to the discharger.

7. The discharger shall submit to the Board, by January 30 of each year, an annual summary of the quantities of all chemicals, listed by both trade and chemical names, which are used for cooling and/or boiler water treatment and which are discharged.

8. The discharger shall submit to the Board, together with the first monitoring report required by this permit, a list of all chemicals and proprietary additives which could affect this waste discharge, including quantities of each. Any subsequent changes in types and/or quantities shall be reported promptly.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

GENERAL MONITORING AND REPORTING PROVISIONS

CA0001597

GENERAL PROVISIONS FOR SAMPLING AND ANALYSIS

All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.

All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health.

Effluent samples shall be taken downstream of any addition to the treatment works and prior to mixing with the receiving waters.

The discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to insure accuracy of measurements, or shall insure that both activities will be conducted.

A grab sample is defined as an individual sample collected in fewer than 15 minutes.

A composite sample is defined as a combination of no fewer than eight individual samples obtained over the specified sampling period. The volume of each individual sample is proportional to the discharge flow rate at the time of sampling. The sampling period shall equal the discharge period, or 24 hours, whichever period is shorter.

GENERAL PROVISIONS FOR REPORTING

For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.

By January 30 of each year, the discharger shall submit an annual report to the Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.

The discharger shall maintain all sampling and analytical results, including strip charts; date, exact place, and time of sampling; date analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Board.

(Revised 9/19/77)

In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the dates, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with waste discharge requirements and, where applicable, shall include results of receiving water observations.

Monitoring reports shall be signed by:

a. In the case of corporations, by a principal executive officer at least of the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which discharge originates;

b. In the case of a partnership, by a general partner;

c. In the case of a sole proprietorship, by the proprietor;

d. In the case of municipal, state or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

Each report shall contain the following completed declaration:

"I declare under penalty of perjury that the foregoing is true and correct.

Executed on the _____ day of _____, at _____.

_____(Signature)

_____(Title)"

The discharger shall mail a copy of each monitoring report to the following:

California Regional Water Quality
Control Board, [illegible] Region
107 South Broadway, Room 4027
Los Angeles, CA 90013

Attn: Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM NO. [illegible]
FOR
UNITED STATES PIPE AND FOUNDRY COMPANY
[illegible]
([illegible])

The discharger shall implement this monitoring program on the effective date of this Order. The first monitoring report under this program is due [illegible] 15, 1984.

Monitoring reports shall be submitted by the dates in the following schedule:

Reporting Period	Report Due
January - [illegible]	[illegible] 15
April - June	[illegible] 15
July - [illegible]	[illegible] 15
October - [illegible]	January 15

If no flow occurred during the quarter the report shall so state.

Each monitoring report must affirm in writing that:

> All analyses were conducted at a laboratory certified for such analyses by the State Department of Health Services [illegible]

For any analysis performed for which no procedure is specified in the EPA [illegible]

[illegible]

Effluent Monitoring

A [illegible] shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The following [illegible]

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
[illegible]	[illegible]	[illegible]	once per discharge event
[illegible]	[illegible]	[illegible]	once per discharge event
Total [illegible] flow	[illegible]	----	once per discharge event
[illegible]	[illegible]	[illegible]	once per discharge event
[illegible]	[illegible]	[illegible]	once per discharge event

* Samples shall be taken during the first hour of discharge.
No more than one sample per month is required during period of extended rainfall.

Ordered by _____
Executive Officer

_____
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM NO. 1056
FOR
UNITED STATES PIPE AND FOUNDRY COMPANY
United Concrete Pipe Division
(CA0001597)

The discharger shall implement this monitoring program on the effective date of this Order. The first monitoring report under this program is due January 15, 1981.

Monitoring reports shall be submitted by the dates in the following schedule:

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

If no flow occurred during the quarter the report shall so state.

Each monitoring report must affirm in writing that:

> All analyses were conducted at a laboratory certified for such analyses by the State Department of Health Services in accordance with current EPA guideline procedures or as specified in the Monitoring Program.

For any analysis performed for which no procedure is specified in the EPA guidelines or in this Monitoring Program, the constituent or parameter analyzed and the method or procedure used must be specified in the report.

The report shall state whether there was any change in the discharge as described in the application, during the reporting period.

By March 1, of each year, the discharger shall submit an annual report to the Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: _____ DATE: _____

FROM: _____ FILE: _____

INDUSTRY: _____

_____

REPORT: _____

_____

_____

_

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: [illegible] DATE: 3-12-91

FROM: [illegible] FILE: [illegible]

INDUSTRY: UNITED CONCRETE PIPE CO.
1901 E. LINE DR.

REPORT: A SITE INSPECTION OF THIS SITE SHOWED THAT ALL BUILDINGS AND THE INDUSTRIAL WASTE FACILITIES HAVE BEEN DEMOLISHED AND REMOVED FROM SITE. PLEASE TERMINATE FILE. THE HAULITS ARE STILL ON SITE.

58-0002 DPW 10/86

REQUEST FOR I-NUMBER ____ DATA CHANGE X

When requesting a new I-No., fill in B and C only. However, when requesting a data change, fill in A completely and fill in only items to be changed in B.

A. (Fill in data as it appears on I.B.M. list now.)

I-No. I-593-31

Name U.S. PIPE + FOUNDRY CO.

Address 19041 E LIVE OAK AVE Zip Code 91706

B. (Fill in now data as you want it to appear on the next I.B.M. list)

Name _____

Address _____ Zip Code _____

Region-city _____ Status TERM Permit No. _____

Classif. _____ SMD _____ Disp. Code _____

C. Show plot or sketch showing dimensions of the property and ties to cross streets.

Located between streets _____ & _____

By : Aug. 1 Quay Date : 3-12-91

PERMIT APPLICATION
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
SANITATION DIVISION
550 SOUTH VERMONT LOS ANGELES, CALIFORNIA 90020

SIDN Notify - yet

RECEIVED
MAR 01 1985
L.A. COUNTY ENGINEER
SANITATION DIVISION

FN 0573
PN 15
RC 25
SIC
TGP
TGC

MAR 4 1985

APPLICATION FOR:
(1) NEW[ ] EXISTING[x] FACILITY
(2) ADDITIONAL APPROVAL : (A) REPAIR[ ]
3x
(B) MODIFICATION[ ]
(C) CHANGE OF MATERIAL STORED[ ]
(D) ADDITIONAL INSTALLATION[ ]

United Concrete Pipe Division
14041 E. Live Oak
Irwindale, CA 91708

ASSESSOR PARCEL IDENTIFICATION:
MAP BOOK NO PAGE NO PARCEL NO

1160 BALDWIN PARK BLVD. for
NO TANKS AT THIS FACILITY [ ]

OWNER NAME United Concrete Pipe Division - U. S. Pipe & Foundry Company

OWNER ADDRESS 14041 East Live Oak Avenue City Irwindale State CA Zip 91708

FACILITY ADDRESS 14041 East Live Oak Avenue City Irwindale State CA Zip 91708

MAILING ADDRESS P.O. Box 429 City Baldwin Park State CA Zip 91706

24 HOUR EMERGENCY CONTACT PERSON:
DAYS D. H. Wadley PHONE(818) 337-1211

NIGHTS Guard PHONE(818) 337-1211

PERSON RESPONSIBLE FOR FACILITY MAINTENANCE:

NAME H. G. Kleinsmith TITLE Maintenance Supervisor PHONE (818) 337-1211

BRIEF DESCRIPTION OF BUSINESS Manufacture steel and concrete pipe.

NUMBER OF TANKS 8 tanks
APPLICATION FEE $152.00
STATE SURCHARGE FEE 224.00
TOTAL FEE $376.00

A COMPLETE PERMIT APPLICATION MUST BE ACCOMPANIED BY:

*LOS ANGELES COUNTY TANK ASSESSMENT STATEMENT [ ] OR
*COPY OF HAZARDOUS SUBSTANCE STORAGE STATEMENT AS FILED WITH STATE [x] OR
*STATE WATER RESOURCE CONTROL BOARD PERMIT APPLICATION [ ], AND
*A STATEMENT VERIFYING PRESENT SAFE STORAGE FOR EACH TANK [ ]
INCLUDE IF AVAILABLE AT TIME OF APPLICATION: FACILITY PLANS [x]
LEAK DETECTION PROGRAM [ ] TANK MONITORING PROGRAM [ ]

(IMPORTANT! READ THESE INSTRUCTIONS BEFORE SIGNING.)
THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE IS TRUE AND CORRECT.

SIGNATURE OF APPLICANT H C Lamborn TITLE Manager - Technical Svcs.

PRINTED NAME H. C. Lamborn DATE 2-26-85

INSTRUCTIONS
HMUSP APPLICATION FORM

1. This application shall be used for new or existing facility permits only.

2. Do not use this form for closure.

3. If information on the mailing label is not correct please make the correction in the space provided on the permit application form and **not on the label.**

4. 24 hours emergency person must be the person responsible for maintaining the facility.

6. The statement verifing present safe storage **for each tank** must contain result of a recent tank integrity test, or description of an inventory control program, and a certified statement by the owner as to why he believes that no unauthorized discharge or release have occured at the facility said above to the best of his knowledge.

7. See the attached schedule for fee determination.

8. Person signing the HMUSP application must be either the owner, responsible Corporate officer of the facility, or a partner.

Official Registration Form

California Water Resources Control Board

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to "concrete sumps, nonvaulted buried tanks or other underground containers" (Water Code section 13173). All containers, including earthen walled pits, ponds, lagoons and sumps, that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank. Wastes are included.

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file, the penalty is $500-$5,000 per day. If you falsify information, you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill [and] on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916/324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

Name (Corporation, Individual or Public Agency)			
United Concrete Pipe Division - U. S. Pipe & Foundry Company			
Street Address: 14041 East Live Oak	City: Irwindale	State: CA	ZIP: 91708

II Facility

Facility Name	Dealer, Foreman/Supervisor		
United Concrete Pipe	D. H. Wadley - Plant Manager		
Street Address: 14041 East Live Oak		Nearest Cross Street: Baldwin Park Blvd.	
City: Irwindale	County: Los Angeles		ZIP: 91708
Mailing Address: P.O. Box 429	City: Baldwin Park	State: CA	ZIP: 91706
Phone w/ area code: (818) 337-1211	Type of Business: ☐ 01 Motor Vehicle Fuel Station ☒ 02 Other Manufacturing Plant		
Number of Tanks at this Facility: 8	Rural Areas Only: Township:	Range:	Section:

III 24 Hour Emergency Contact Person

Days: Name (last name first) and Phone w/ area code	Nights: Name (last name first) and Phone w/ area code
D. H. Wadley (818) 337-1211	Guard (818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other _____ — Container Number (if more is in number, assign one): 1

B. Manufacturer (if appropriate): _____ Year of Mfg _____ — C. Year Installed: Approx. 1969 ☐ Unknown

D. Container Capacity: 10,000 gallons ☐ Unknown — E. Container Repairs: ☒ 01 None ☐ 02 Unknown ☐ 03 Yes Year _____

F. Is Container currently used? ☐ 01 Yes ☒ 02 No If No, year of last use: 1984 ☐ 03 Unknown

G. Does the Container Store (Check One): ☐ 01 Waste ☐ 02 Product

H. Does the Container Store Motor Vehicle Fuel or Waste Oil? ☐ 01 Yes ☐ 02 No If Yes, Check appropriate box(es).

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☒ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List): _____

V Container Construction

A. Thickness of Primary Containment: _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B. ☐ 01 Vaulted (Located in an underground Vault) ☒ 02 Non-vaulted ☐ 03 Unknown

C. ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D. ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other _____

E. ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other _____

F. ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☒ 04 Unknown ☐ 05 None ☐ 06 Other _____

to be closed (334 B)

VI Piping

A Associated Piping	☐ 1 Above Ground	☒ 2 Underground	☐ 3 Vaulted	
B Underground Piping	☒ 1 Gravity	☐ 2 Pressure	☐ 3 Suction	☐ 4 Unknown
C Piping Repairs	☒ 0 None	☐ 1 Unknown	☐ 2 Yes, Year of most recent repair	_____

VII Leak Detection

☒ 01 Visual ☐ 02 Stock Inventory ☐ 03 Tile Drain ☐ 04 Vapor Sniff Wells ☐ 05 Sensor Instrument

☐ 06 Ground Water Monitoring Wells ☐ 07 Pressure Test ☐ 08 Internal Inspection ☐ 09 None

☐ 10 Other _____

VIII Chemical Composition of Materials Currently or Previously Stored in Underground Containers

If you checked yes to IV-H you are not required to complete this section

Currently stored	Previously stored	CAS # (if known)	Chemical (or Acrylic Commercial Name) (Use additional paper for more room)
☐ 01	☒ 02		No. 2 Fuel Oil
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		

Is Container located on an Agricultural Farm? ☐ 1 Yes ☒ 2 No

IX IMPORTANT! Read instructions before signing

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located 2) a general partner proprietor or 3) a principal executive officer ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and to the best of my knowledge is true and correct.

Signature		Date
		7-2-84
Printed Name: D. J. Arnold	Title: V.P. Manufacturing	Phone (area code): (818) 337-1211

Send check to: Hazardous Substance Storage Statement State Water Resources Control Board P.O. Box 100 Sacramento CA 95801-0100

Person Filing Statement:	Phone (area code):
H. C. Lamborn	(818) 337-1211

For additional forms or more information call 916/324-1262

FOR STATE USE ONLY

ID Number	Accounting Number	County Number	
Date Received	☐ 1	☐ 2	☐ 3

84 31507

Official Registration Form

California Water Resources Control Board

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1 1984 (After October 1 1984 and no later than January 1 1985 for tanks used on farms)

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Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code This includes gasoline diesel fuel all industrial solvents pesticides herbicides and fumigants If the material must be carried by a registered hauler disposed of at a hazardous waste site is explosive generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank Wastes are included

Fee: For each tank registered a $10 fee must be paid except that retail gasoline stations pay $5 per tank

Penalties: For failure to file the penalty is $500 $5 000 per day If you falsify information you can be fined up to $20 000 for each day the information is incorrect and has not been corrected

Confidentiality: If you have information protected by trade secret laws please attach a list of the information on this form that is confidential and the justification for confidentiality including specific citations of relevant statutory and case law

Multiple Containers: Fill and II on one form and leave it blank on all the remaining forms Attach all forms together securely If you own more than 50 tanks you can file information on computer tape Call 916 324 1262 for information

This is not a Permit Application. All Underground Tanks will be subject to local regulation Some jurisdictions have already begun programs Contact with your local county government for further information

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE

I Owner

Name (Corporation Individual or Public Agency)			
United Concrete Pipe Division - U. S. Pipe & Foundry Company			
Street Address	City	State	ZIP
14041 East Live Oak	Irwindale	CA	91708

II Facility

Facility Name	Owner Foreman Supervisor	
United Concrete Pipe	D. H. Wadley - Plant Manager	
Street Address	Nearest Cross Street	
14041 East Live Oak	Baldwin Park Blvd.	
City	County	ZIP
Irwindale	Los Angeles	91708
Mailing Address	City	State ZIP
P.O. Box 429	Baldwin Park	CA 91706
Phone w area code	Type of Business	
(818) 337-1211	☐ 01 Motor Vehicle Fuel Station ☒ 02 Other Manufacturing Plant	
Number of Tanks at this Facility	Rural Areas Only: Township	Range Section
8		

III 24 Hour Emergency Contact Person

Owner Name (last name first) and Phone w area code	Night Name (last name first) and Phone w area code
D. H. Wadley (818) 337-1211	Guard (818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon Pit or Pond ☐ 04 Other _____ Container Number 2

B. Manufacturer (if appropriate) J. D. Brodine Year of Mfg _____ C. Year Installed Approx. 1974 ☐ Unknown

D Container Capacity 10,000 gallons ☐ Unknown E Container Repairs ☒ 01 None ☐ 02 Unknown ☐ 03 Yes Year _____

F Is Container currently used? ☐ 01 Yes ☒ 02 No If No year of last use 1984 ☐ 03 Unknown

G Does the Container Store (Check One) ☐ 01 Waste ☒ 02 Product

H Does the Container Store Motor Vehicle Fuel or Waste Oil? ☐ 01 Yes ☐ 02 No If Yes, Check appropriate box(es)

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☒ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List) _____

to be closed 3/1/8

V Container Construction

A Thickness of Primary Containment _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B ☐ 01 Vaulted (Located in an underground Vault) ☒ 02 Non-vaulted ☐ 03 Unknown

C ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other _____

E ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other _____

F ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 05 Cathodic Protection ☒ 06 Unknown ☐ 07 None ☐ 09 Other _____

VI Piping

A Associated Piping	☐ Above Ground	☒ Underground	☐ Vaulted	
B Underground Piping	☒ Gravity	☐ Pressure	☐ Suction	☐ Unknown
C Piping Repairs	☒ None	☐ Unknown	☐ Yes Year of most recent repair	

VII Leak Detection

☒ Visual ☐ Stock Inventory ☐ Tile Drain ☐ Vapor Snif Wells ☐ Sensor Instrument

☐ Ground Water Monitoring Wells ☐ Pressure Test ☐ Internal Inspection ☐ None

☐ Other

VIII Chemical Composition of Materials Currently or Previously Stored in Underground Containers

If you checked yes to IV-H you are not required to complete this section

currently stored	previously stored	CAS # (if known)	Chemical Do not use Commercial Name (use additional page for more room)
☐	☒		No. 2 Fuel Oil
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		

Is Container located on an Agricultural Farm? ☐ Yes ☒ No

IX IMPORTANT! Read instructions before signing

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located 2) a general partner proprietor or 3) a principal executive officer ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and to the best of my knowledge is true and correct

Signature		Date
		7-2-84
Printed Name: D. J. Arnold	Title: V.P. Manufacturing	Phone w/ area code: (818) 337-1211

Send check to: Hazardous Substance Storage Statement State Water Resources Control Board P O Box 100 Sacramento CA 95801-0100

Person Filing Statement	Phone w/ area code
E. C. Lamborn	(818) 337-1211

For additional forms or more information call 916/324-1252

FOR STATE USE ONLY

Date Received		

84 31697

Official Registration ... m

California Water Resources Control Board

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to: concrete sumps, nonvaulted buried tanks or other underground containers. (Water Code section 13173) All containers, including earthen walled pits, ponds, lagoons and sumps, that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank. Wastes are included.

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file, the penalty is $500-$5,000 per day. If you falsify information, you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916-324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

Name (Corporation, Individual or Public Agency)			
United Concrete Pipe Division - U. S. Pipe & Foundry Company			
Street Address: 14041 East Live Oak	City: Irwindale	State: CA	ZIP: 91708

II Facility

Facility Name	Dealer, Foreman, Supervisor
United Concrete Pipe	D. H. Wadley - Plant Manager

Street Address	Nearest Cross Street
14041 East Live Oak	Baldwin Park Blvd.

City	County	ZIP
Irwindale	Los Angeles	91708

Mailing Address	City	State	ZIP
P.O. Box 429	Baldwin Park	CA	91706

Phone w/ area code	Type of Business
(818) 337-1211	☐ 01 Motor Vehicle Fuel Station ☒ 02 Other Manufacturing Plant

Number of Tanks at this Facility	Rural Areas Only:	Township	Range	Section
8				

III 24 Hour Emergency Contact Person

Days: Name (last name first) and Phone w/ area code	Nights: Name (last name first) and Phone w/ area code
D. H. Wadley (818) 337-1211	Guard (818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other _____ — Container Number: 3

B Manufacturer (if appropriate) J. D. Brodine Year of Mfg _____ — C Year Installed Approx. 1974 ☐ Unknown

D Container Capacity 10,000 gallons ☐ Unknown — E Container Repairs ☐ 01 None ☐ 02 Unknown ☐ 03 Yes Year _____

F Is Container currently used? ☐ 01 Yes ☒ 02 No If No, year of last use 1984 ☐ 01 Unknown

G Does the Container Store (Check One) ☐ 01 Waste ☒ 02 Product

H Does the Container Store Motor Vehicle Fuel or Waste Oil? ☐ 01 Yes ☐ 02 No If Yes, Check appropriate box(es)

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☒ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List) _____

V Container Construction

A Thickness of Primary Containment _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B ☐ 01 Vaulted (Located in an underground Vault) ☒ 02 Non-vaulted ☐ 03 Unknown

C ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other _____

E ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other _____

F ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☒ 04 Unknown ☐ 05 None ☐ 06 Other _____

To be closed 33618

VI Piping

A Associated Piping	☐ a. Above Ground	☒ b. Underground	☐ c. Vaulted	
B Underground Piping	☒ a. Gravity	☐ b. Pressure	☐ c. Suction	☐ d. Unknown
C Piping Repairs	☒ a. None	☐ b. Unknown	☐ c. Yes. Year of most recent repair ____	

VII Leak Detection

☒ a. Visual ☐ b. Stock Inventory ☐ c. Tile Drain ☐ d. Vapor Swirl Wells ☐ e. Sensor Instrument

☐ f. Ground Water Monitoring Wells ☐ g. Pressure Test ☐ h. Internal Inspection ☐ i. None

☐ j. Other _____

VIII Chemical Composition of Materials Currently or Previously Stored in Underground Containers

If you checked yes to IV - If you are not required to complete this section

Currently stored	Previously stored	CAS # (if known)	Chemical (Do not use Commercial Name) (Use additional paper for more room)
☐ a.	☒ b.		No. 2 Fuel Oil
☐ a.	☐ b.		
☐ a.	☐ b.		
☐ a.	☐ b.		
☐ a.	☐ b.		
☐ a.	☐ b.		
☐ a.	☐ b.		
☐ a.	☐ b.		
☐ a.	☐ b.		
☐ a.	☐ b.		
☐ a.	☐ b.		
☐ a.	☐ b.		

Is Container located on an Agricultural Farm? ☐ a. Yes ☒ b. No

IX IMPORTANT! Read instructions before signing

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located. 2) a general partner proprietor or 3) a principal executive officer ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and to the best of my knowledge is true and correct.

Signature		Date
		7-2-84
Printed Name	**Title**	**Phone # (area code)**
D. J. Arnold	V.P. Manufacturing	(818) 337-1211

Send check to: Hazardous Substance Storage Statement State Water Resources Control Board P.O. Box 100 Sacramento CA 95801-0100

Person Filing Statement	Phone # (area code)
H. C. Lamborn	(818) 337-1211

For additional forms or more information call 916/324-1262

FOR STATE USE ONLY

ID Number	Accounting Number	County Number

Date Received			

84 31697

Official Registration Form

California Water Resources Control Board

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to concrete sumps, nonvaulted buried tanks or other underground containers. (Water Code section 13173). All containers including earthen walled pits, ponds, lagoons and sumps that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler disposal of all a hazardous waste site is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank. Wastes are included.

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file the penalty is $500-$5,000 per day. If you falsify information you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank for all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916/324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

Name (Corporation, Individual or Public Agency): United Concrete Pipe Division - U. S. Pipe & Foundry Company

Street Address: 14041 East Live Oak | City: Irwindale | State: CA | Zip: 91708

II Facility

Facility Name: United Concrete Pipe | Owner, Foreman, Supervisor: D. H. Wadley - Plant Manager

Street Address: 14041 East Live Oak | Nearest Cross Street: Baldwin Park Blvd.

City: Irwindale | County: Los Angeles | Zip: 91708

Mailing Address: P.O. Box 429 | City: Baldwin Park | State: CA | Zip: 91706

Phone w/ area code: (818) 337-1211 | Type of Business: ☐ 01 Motor Vehicle Fuel Station ☒ 02 Other Manufacturing Plant

Number of Tanks at this Facility: 8 | Rural Areas Only: Township: | Range: | Section:

III 24 Hour Emergency Contact Person

Owner's Name (or Agency Official) and Phone w/ area code: D. H. Wadley (818) 337-1211

Agent's Name (if any) and Phone w/ area code: Guard (818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon Pit or Pond ☐ 04 Other _____ | Container Number: 4

B Manufacturer (if appropriate): Marshall Construction Co. Year of Mfg _____ | C Year Installed: 1979 ☐ Unknown

D Container Capacity: 10,000 gallons ☐ Unknown | E Container Repairs: ☒ 01 None ☐ 02 Unknown ☐ 03 Yes Year _____

F Is Container currently used? ☒ 01 Yes ☐ 02 No If No, year of last use _____ ☐ 03 Unknown

G Does the Container Store (Check One): ☐ 01 Waste ☒ 02 Product

H Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes, Check appropriate box(es):

☒ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☐ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List) _____

V Container Construction

A Thickness of Primary Containment: _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B ☐ 01 Vaulted (Located in an underground Vault) ☒ 02 Non-vaulted ☐ 03 Unknown

C ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other _____

E ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other _____

F ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☐ 04 Unknown ☐ 05 None ☒ 06 Other Unknown Coating

VI Piping

A Associated Piping	☒ a Above Ground	☐ b Underground	☐ c Vaulted	
B Underground Piping	☐ a Gravity	☐ b Pressure	☐ c Suction	☐ d Unknown
C Piping Repairs	☒ a None	☐ b Unknown	☐ c Yes Year of most recent repair	_____

VII Leak Detection

☒ a Visual ☐ b Stock Inventory ☐ c Tie Down ☐ d Vapor Shift Wells ☐ e Sensor Instrument

☐ f Ground Water Monitoring Wells ☐ g Pressure Test ☐ h Internal Inspection ☐ i None

☐ j Other _____

VIII Chemical Composition of Materials Currently or Previously Stored in Underground Containers

If you checked yes to IV-H you are not required to complete this section

currently stored	previously stored	CAS # (if known)	Chemical Name (Use additional paper for more room)
☐ a	☐ a		
☐ b	☐ b		
☐ c	☐ c		
☐ d	☐ d		
☐ e	☐ e		
☐ f	☐ f		
☐ g	☐ g		
☐ h	☐ h		
☐ i	☐ i		
☐ j	☐ j		
☐ k	☐ k		
☐ l	☐ l		
☐ m	☐ m		
☐ n	☐ n		
☐ o	☐ o		

Is Container located on an Agricultural Farm? ☐ a Yes ☒ b No

IX IMPORTANT! Read instructions before signing

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located 2) a general partner proprietor or 3) a principal executive officer ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and to the best of my knowledge is true and correct.

Signature		Date
D. J. Arnold		7-2-84
Printed Name	Title	Phone w. area code
D. J. Arnold	V.P. Manufacturing	(818) 337-1211

Send check to: Hazardous Substance Storage Statement State Water Resources Control Board P.O. Box 100 Sacramento CA 95801-0100

Person Filing Statement	Phone w. area code
H. C. Lamborn	(818) 337-1211

For additional forms or more information call 916/324-1252

FOR STATE USE ONLY

ID Number	Accounting Number	County Number

Date Received	☐ a	☐ b	☐ c

84 30597

Official Registration Form

California Water Resources Control Board

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to: concrete sumps, nonvaulted buried tanks or other underground containers. (Water Code section 13173) All containers, including earthen walled pits, ponds, lagoons and sumps, that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank. Wastes are included.

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file the penalty is $500-$5,000 per day. If you falsify information, you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916-324-1260 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

Name (Corporation, Individual or Public Agency)			
United Concrete Pipe Division - U. S. Pipe & Foundry Company			
Street Address: 14041 East Live Oak	City: Irwindale	State: CA	Zip: 91708

II Facility

Facility Name	Owner Foreman Supervisor		
United Concrete Pipe	D. H. Wadley - Plant Manager		
Street Address: 14041 East Live Oak		Nearest Cross Street: Baldwin Park Blvd.	
City: Irwindale	County: Los Angeles		Zip: 91708
Mailing Address: P.O. Box 429	City: Baldwin Park	State: CA	Zip: 91706
Phone & area code: (818) 337-1211	Type of Business: ☐ 01 Motor Vehicle Fuel Station ☒ 02 Other Manufacturing Plant		
Number of Tanks at this Facility: 8	Rural Areas Only: Township	Range	Section

III 24 Hour Emergency Contact Person

Days: Name, last name first, and Phone & area code	Nights: Name, last name first, and Phone & area code
D. H. Wadley (818) 337-1211	Guard (818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other _____ Container Number: 5

B Manufacturer (if appropriate) _____ Year of Mfg _____ C Year Installed 1940's ☐ Unknown

D Container Capacity 10,000 gallons ☐ Unknown E Container Repairs ☐ 01 None ☐ 02 Unknown ☐ 03 Yes Year _____

F Is Container currently used? ☒ 01 Yes ☐ 02 No If No, year of last use _____ ☐ 03 Unknown

G Does the Container Store (Check One) ☐ 01 Waste ☒ 02 Product

H Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes, Check appropriate box(es):

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☒ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List) _____

V Container Construction

A Thickness of Primary Containment _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B ☐ 01 Vaulted (Located in an underground Vault) ☒ 02 Non-vaulted ☐ 03 Unknown

C ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other _____

E ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other _____

F ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☒ 04 Unknown ☐ 05 None ☐ 06 Other _____

Closed

VI Piping

A Associated Piping	☒ 1 Above Ground	☐ 2 Underground	☐ 3 Vaulted	
B Underground Piping	☐ 1 Gravity	☐ 2 Pressure	☐ 3 Suction	☐ 4 Unknown
C Piping Repairs	☒ 1 None	☐ 2 Unknown	☐ 3 Yes Year of most recent repair	_____

VII Leak Detection

☒ 1 Visual ☐ 2 Stock Inventory ☐ 3 Tile Drain ☐ 4 Vapor Sniff Wells ☐ 5 Sensor Instrument

☐ 6 Ground Water Monitoring Wells ☐ 7 Pressure Test ☐ 8 Internal Inspection ☐ 9 None

☐ 10 Other _____

VIII Chemical Composition of Materials *Currently or Previously* Stored in Underground Containers

If you checked yes to IV-H you are not required to complete this section

currently stored	previously stored	CAS # (if known)	Chemical (If not Use Common Name) (Use additional paper for more room)
☐ 01	☐ 02		
☐ 03	☐ 04		
☐ 05	☐ 06		
☐ 07	☐ 08		
☐ 09	☐ 10		
☐ 11	☐ 12		
☐ 13	☐ 14		
☐ 15	☐ 16		
☐ 17	☐ 18		
☐ 19	☐ 20		
☐ 21	☐ 22		
☐ 23	☐ 24		
☐ 25	☐ 26		
☐ 27	☐ 28		
☐ 29	☐ 30		

Is Container located on an Agricultural Farm? ☐ 1 Yes ☒ 2 No

IX IMPORTANT! Read instructions before signing

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located 2) a general partner proprietor or 3) a principal executive officer ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and to the best of my knowledge is true and correct

Signature		Date
		7-2-84
Printed Name: D. J. Arnold	Title: V.P. Manufacturing	Phone w/ area code: (818) 337-1211

Send check to: Hazardous Substance Storage Statement State Water Resources Control Board P.O. Box 100 Sacramento CA 95801-0100

Person Filing Statement:	Phone w/ area code
H. C. Lamborn	(818) 337-1211

For additional forms or more information call 916/324-1262

FOR STATE USE ONLY

ID Number	Accounting Number	Check Number

Date Received			

84 3697

Official Registration Form

California Water Resources Control Board

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to: concrete sumps, nonvaulted buried tanks or other underground containers. (Water Code section 13173) All containers, including earthen walled pits, ponds, lagoons and sumps, that are below the normal ground surface level, must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes: gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank. Wastes are included.

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file, the penalty is $500-$5,000 per day. If you fail to information, you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade, secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916-324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE

I Owner

Name (Corporation, Individual or Public Agency)			
United Concrete Pipe Division - U. S. Pipe & Foundry Company			
Street Address: 14041 East Live Oak	City: Irwindale	State: CA	ZIP: 91708

II Facility

Facility Name	Dealer, Foreman, Supervisor
United Concrete Pipe	D. H. Wadley - Plant Manager

Street Address	Nearest Cross Street
14041 East Live Oak	Baldwin Park Blvd.

City	County	ZIP
Irwindale	Los Angeles	91708

Mailing Address	City	State	ZIP
P.O. Box 429	Baldwin Park	CA	91706

Phone w/ area code	Type of Business
(818) 337-1211	☐ 01 Motor Vehicle Fuel Station ☒ 02 Other Manufacturing Plant

Number of Tanks at this Facility	Rural Areas Only:	Township	Range	Section
8				

III 24 Hour Emergency Contact Person

Day: Name (last name first) and Phone w/ area code	Night: Name (last name first) and Phone w/ area code
D. H. Wadley (818) 337-1211	Guard (818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other _____ Container Number: 6

B Manufacturer (if appropriate) _____ Year of Mfg _____ C. Year Installed 1940's ☐ Unknown

D Container Capacity 10,000 gallons ☐ Unknown E Container Repairs ☐ 01 None ☐ 02 Unknown ☒ 03 Yes Year 1983

F Is Container currently used? ☒ 01 Yes ☐ 02 No If No, year of last use _____ ☐ 03 Unknown

G Does the Container Store (Check One) ☐ 01 Waste ☒ 02 Product

H Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes, Check appropriate box(es)

☐ 01 Unleaded ☒ 02 Regular ☐ 03 Premium ☐ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List) _____

V Container Construction

A Thickness of Primary Containment _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B ☐ 01 Vaulted (Located in an underground Vault.) ☒ 02 Non-vaulted ☐ 03 Unknown

C ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☒ 12 Unknown ☐ 13 Other _____

E ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other _____

F ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☒ 04 Unknown ☐ 05 None ☐ 06 Other _____

closed

VI Piping

A Associated Piping	☒ a Above Ground	☐ b Underground	☐ c Vaulted	
B Underground Piping	☐ a Gravity	☐ b Pressure	☐ c Suction	☐ d Unknown
C Piping Repairs	☐ a None	☐ b Unknown	☒ c Yes Year of most recent repair	1983

VII Leak Detection

☒ a Visual ☐ b Stock Inventory ☐ c Tile Drain ☐ d Vapor Snift Wells ☐ e Sensor Instrument

☐ f Ground Water Monitoring Wells ☐ g Pressure Test ☐ h Internal Inspection ☐ i None

☐ j Other _____

VIII Chemical Composition of Materials *Currently* or *Previously* Stored in Underground Containers

If you checked yes to IV-H you are not required to complete this section

Currently stored	Previously stored	CAS # (if known)	Chemical Or Trade Common Name (use additional paper for more room)
☐ a	☐ a		
☐ b	☐ b		
☐ c	☐ c		
☐ d	☐ d		
☐ e	☐ e		
☐ f	☐ f		
☐ g	☐ g		
☐ h	☐ h		
☐ i	☐ i		
☐ j	☐ j		
☐ k	☐ k		
☐ l	☐ l		
☐ m	☐ m		
☐ n	☐ n		

Is Container located on an Agricultural Farm? ☐ a Yes ☒ b No

IX IMPORTANT! Read instructions before signing

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located 2) a general partner proprietor or 3) a principal executive officer ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and to the best of my knowledge is true and correct.

Signature		Date
		7-2-84
Printed Name	Title	Phone w/ area code
D. J. Arnold	V.P. Manufacturing	(818) 337-1211

Send check to: Hazardous Substance Storage Statement State Water Resources Control Board P.O. Box 100 Sacramento, CA 95801-0100

Person Filing Statement	Phone w/ area code
R. C. Lamborn	(818) 337-1211

For additional forms or more information call 916/324-1782

FOR STATE USE ONLY

ID Number	Accounting Number	County Number

Date Received			
	☐ 1	☐ 2	☐ 3

B4 31597

Official Registration Form

California Water Resources Control Board

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to: concrete sumps, nonvaulted buried tanks or other underground containers. (Water Code section 13173) All containers, including earthen walled pits, ponds, lagoons and sumps that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank. Wastes are included.

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file, the penalty is $500-$5,000 per day. If you falsify information, you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916-324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

Name (Corporation, Individual or Public Agency)			
United Concrete Pipe Division - U. S. Pipe & Foundry Company			
Street Address: 14041 East Live Oak	City: Irwindale	State: CA	ZIP: 91708

II Facility

Facility Name	Dealer, Foreman, Supervisor		
United Concrete Pipe	D. H. Wadley - Plant Manager		
Street Address: 14041 East Live Oak		Nearest Cross Street: Baldwin Park Blvd.	
City: Irwindale	County: Los Angeles		ZIP: 91708
Mailing Address: P.O. Box 429	City: Baldwin Park	State: CA	ZIP: 91706
Phone w/ area code: (818) 337-1211	Type of Business: ☐ 01 Motor Vehicle Fuel Station ☒ 02 Other Manufacturing Plant		
Number of Tanks at this Facility: 8	Rural Areas Only: Township:	Range:	Section:

III 24 Hour Emergency Contact Person

Days: Name, last name first, and Phone w/ area code	Nights: Name, last name first, and Phone w/ area code
D. H. Wadley (818) 337-1211	Guard (818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other _____ Container Number: 7

B Manufacturer (if appropriate) _____ Year of Mfg: _____ C Year Installed _____ ☒ Unknown

D Container Capacity 1,000 gallons ☐ Unknown E Container Repairs ☒ 01 None ☐ 02 Unknown ☐ 03 Yes Year _____

F Is Container currently used? ☐ 01 Yes ☒ 02 No If No, year of last use 1982 ☐ 03 Unknown

G Does the Container Store (Check One): ☐ 01 Waste ☐ 02 Product

H Does the Container Store Motor Vehicle Fuel or Waste Oil? ☐ 01 Yes ☐ 02 No If Yes, Check appropriate box(es)

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☐ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List) _____

V Container Construction

A Thickness of Primary Containment: _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B ☐ 01 Vaulted (Located in an underground Vault) ☒ 02 Non-vaulted ☐ 03 Unknown

C ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other _____

E ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other _____

F ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☒ 04 Unknown ☐ 05 None ☐ 06 Other _____

closed

VI Piping

A Associated Piping	☒ Above Ground	☐ Underground	☐ Vaulted	
B Underground Piping	☐ Gravity	☐ Pressure	☐ Suction	☐ Unknown
C Piping Repairs	☒ None	☐ Unknown	☐ Yes Year of most recent repair	_____

VII Leak Detection

☒ Visual ☐ Stock Inventory ☐ Tile Drain ☐ Vapor Snif Wells ☐ Sensor Instrument

☐ Ground Water Monitoring Wells ☐ Pressure Test ☐ Internal Inspection ☐ None

☐ Other _____

VIII Chemical Composition of Materials *Currently or Previously* Stored in Underground Containers

If you checked yes to IV - H you are not required to complete this section

Currently stored	Previously stored	CAS # (if known)	Chemical (Do Not Use Commercial Name - Use additional pages for more room)
☐	XX		Unleaded Gasoline
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		
☐	☐		

Is Container located on an Agricultural Farm? ☐ Yes ☐ No

IX (IMPORTANT) Read instructions before signing

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located 2) a general partner proprietor or 3) a principal executive officer ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and to the best of my knowledge is true and correct.

Signature		Date
		7-2-84
Printed Name	**Title**	**Phone w. area code**
D. J. Arnold	V.P. Manufacturing	(818) 337-1211

Send check to: Hazardous Substance Storage Statement State Water Resources Control Board P.O. Box 100 Sacramento, CA 95801-0100

Person Filing Statement	Phone w. area code
R. C. Lamborn	(818) 337-1211

For additional forms or more information call 916/324-1782

FOR STATE USE ONLY

ID Number	Accounting Number	County Number

Date Received			
	☐	☐	☐

84 31597

Permit Application

This form constitutes a tank assessment statement (TAS) when accompanied by a Hazardous Materials Underground Storage Permit (HMUSP) application within the jurisdiction of L. A. County, Department of Public Works, Sanitation Division.

☐ 01 New Permit ☒ 02 Provisional Permit	☐ 03 Installed before July 1, 1984 ☐ 04 Installed after July 1, 1984	☐ 05 Renewed Permit	☐ 06 Amended Permit

I Owner

Name (Corporation, Individual or Public Agency)			
United Concrete Pipe Division - U. S. Pipe & Foundry Company			
Street Address	City	State	ZIP
14041 East Live Oak Avenue	Irwindale	CA	91708

II Facility

Facility Name	Owner, Foreman, Supervisor		
United Concrete Pipe	D. H. Wadley, Plant Manager		
Street Address		Nearest Cross Street	
14041 East Live Oak Avenue		Baldwin Park Boulevard	
City	County		ZIP
Irwindale	Los Angeles		91708
Mailing Address	City	State	ZIP
P.O. Box 429	Baldwin Park	CA	91706
Phone w/ area code	Type of Business		
(818) 337-1211	☐ 01 Gasoline Station ☒ 02 Other Manufacturing Plant		
NUMBER OF CONTAINERS AT THIS FACILITY: 8	Rural Areas Only: Township	Range	Section

III 24 Hour Emergency Contact Person

Owner's Name (last name first) and Phone w/ area code	Agent's Name (last name first) and Phone w/ area code
Wadley, Doyle (818) 337-1211	Guard (818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

Manifold

IV Description

A ☐ 01 Tank ☒ 02 Other Sump	Container Number (If more than one, number assigned): 8
B. Manufacturer (if appropriate) _____ Year of Mfg Approx. 1948	C Year Installed Approx. 1948 ☐ Unknown
D. Container Capacity Approx. 500 gallons ☐ Unknown	E Does the Container Store (Check One) ☒ 01 Waste ☐ 02 Product

F Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes, Check appropriate box(es)

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☐ 04 Diesel ☒ 05 Waste Oil ☐ 06 Other (List) _____

If you answered yes; do not complete Part VIII.

V Container Construction

A Thickness of Primary Containment 6 ☐ Gauge ☒ Inches ☐ cm ☐ Unknown

B ☐ 01 Vaulted (Located in an underground Vault) ☒ 02 Non-vaulted ☐ 03 Unknown

C ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined

D ☐ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☒ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other: _____

Container Construction

E. ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining
☐ 07 Unlined ☐ 08 Unknown ☐ 09 Other: _____

F. ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection
☐ 04 Unknown ☐ 05 None ☐ 06 tar or asphalt ☐ 09 Other

VI Piping

A. Aboveground Piping: ☐ 01 Double-walled pipe ☐ 02 Concrete-lined trench ☐ 03 Gravity ☐ 04 Pressure ☐ 05 Suction
[(Check) appropriate box(es)] ☐ 06 Unknown ☐ 07 None

B. Underground Piping: ☐ 01 Double-walled pipe ☐ 02 Concrete-lined trench ☒ 03 Gravity ☐ 04 Pressure ☐ 05 Suction
[(Check) appropriate box(es)] ☐ 06 Unknown ☐ 07 None

VII Leak Detection

☒ 01 Visual ☐ 02 Stock Inventory ☐ 03 Tile Drain ☐ 04 Vapor Sniff Wells ☐ 05 Sensor Instrument
☐ 06 Ground Water Monitoring Wells ☐ 07 Pressure Test ☐ 08 Internal Inspection ☐ 09 None
☐ 10 Other: _____

VIII Chemical Composition of Materials *Currently or Previously* Stored in Underground Containers

If you checked yes to IV-F you are not required to complete this section.

currently stored	previously stored	CAS # (if known)	Chemical Do Not Use Commercial Name (Use additional paper for more room
☒ 01	☐ 02		Engine drain oil
☐ 01	☐ 02		
☐ 01	☐ 02		

Is Container located on an Agricultural Farm? ☐ 01 Yes ☒ 02 No

Person Filing (Signature)	Phone w area code
H. C. Lambton	(818) 337-1211

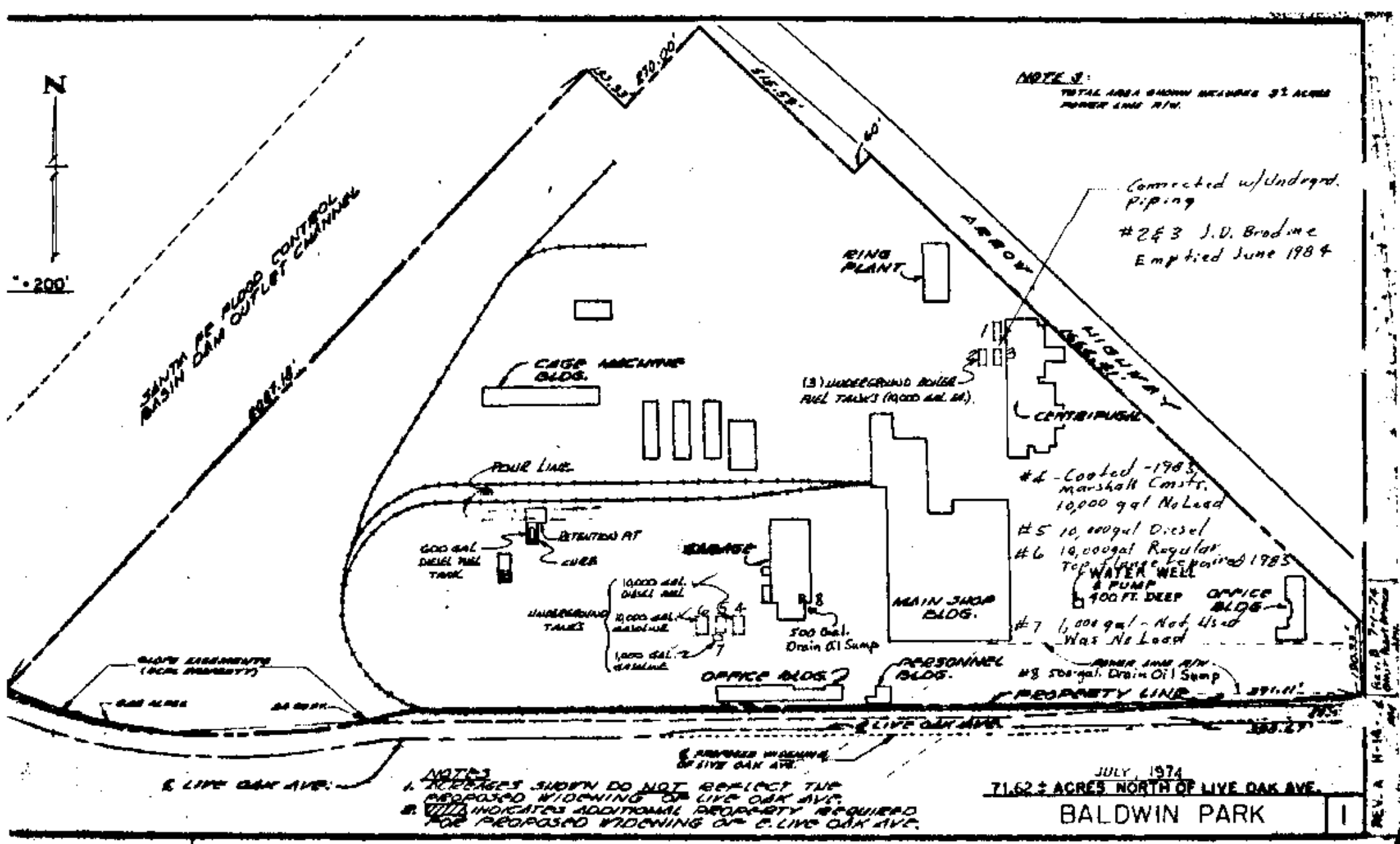
For Local Agency Use Only

AGENCY NAME	CITY	COUNTY
L.A. Co. Department of Public Works		19
CONTACT PERSON	**PHONE W/AREA CODE**	
Carl Sioberg	(213) 738-2527	
INSPECTION DATE (1ST INSPECTION)	**PERMIT APPROVAL DATE**	**PERMIT ID. NUMBER**

FOR STATE USE ONLY

STATE ID. NUMBER	Accounting Number	County Number

Date Received	☐ 01	☐ 02	☐ 03



U. S. PIPE & FOUNDRY COMPANY
UNITED CONCRETE PIPE DIVISION
14041 EAST LIVE OAK AVENUE
IRWINDALE, CALIFORNIA 91708

UNITED CONCRETE PIPE
A DIVISION OF U.S. PIPE AND FOUNDRY CO.
P.O. Box 429 • Baldwin Park, California 91706 • Telephone (213) 337-1211

February 26, 1985

RECEIVED
MAR 0 1 1985
L. A. COUNTY ENGINEER
SANITATION DIVISION

Mr. Carl Sjoberg
County of Los Angeles
Department of Public Works
Sanitation Division
550 South Vermont
Los Angeles, California 90020

Dear Mr. Sjoberg:

In compliance with the Hazardous Materials Underground Storage Application, we are forwarding herewith the application form and copies of the Hazardous Substance Storage Statements as previously filed with the State, along with our check covering State and County fees.

Tank tests or adequate inventory control records are not available at this time, so that portion of the application is not enclosed. Bids are pending from two companies who perform underground tank tests, and we have been in contact with a third about purchasing their equipment and becoming certified to use it. Doing our own testing looks the most attractive at this time, however, test results will not be available as soon as if the testing was contracted out. If a delay in forwarding the test results would create any problems, please notify us as soon as possible.

Regards,

Frederick C. Gobler, P. E.
Principal Mechanical Engineer
Technical Services

FCG:dp
Enclosures

C 63163

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 S. VERMONT AVENUE
LOS ANGELES, CALIFORNIA 90020
Telephone: (213) 738-2011

THOMAS A. TIDEMANSON, Director
HIAM BARMACK, Chief Deputy Director
JAMES L. EASTON, Chief Deputy Director
WYNN L. SMITH, Chief Deputy Director

ADDRESS ALL CORRESPONDENCE TO:
900 S. VERMONT AVENUE
LOS ANGELES, CALIFORNIA 90020

MARCH 8, 1985

IN REPLY PLEASE REFER TO FILE: I-593-35

US PIPE & FOUNDRY CO
P.O. BOX 429
BALDWIN PARK, CA 91706

Gentlemen:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT (HMUSP) REQUEST

FACILITY AT: 14041 E. LIVE OAK AVE,

We are unable to process your provisional HMUSP because the requirement(s) checked below have not been met:

[ ] HMUSP application required/incomplete, see enclosed instructions.

[ ] Permit application fee and/or state surcharge per the enclosed invoice is required.

[ ] Tank Assesment Statements (TAS) forms must be completed for each tank.

[X] Provide verification of present safe storage for each tank. Verification is to consist of results of a recent tank integrity test, or description of an inventory control program and/or a certified statement by the owner as to why he believes that no unauthorized discharge or release has occured at this facility.

C637190

Submittal of Leak Detection/Monitoring programs are not a minimum requirement for issuance of a provisional HMUSP. However, applicants are advised that an acceptable leak detection/monitoring programs must be implemented within six months from the effective date of provisional HMUSP.

If you require additional information concerning the provisional HMUSP, please contact STEPHEN BERGER at (213) 738-2533.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Stephen F Berger
Sanitation Division

2/85

I-593-35

UNITED CONCRETE PIPE

A DIVISION OF U.S. PIPE AND FOUNDRY CO.

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

14041 E. Live Oak Ave

DAN J. ARNOLD
Vice President, Manufacturing

RECEIVED
JUN
L. A. COUNTY ENGINEER
SANITATION DIVISION

June 14, 1985

Mr. Stephen Berger
Los Angeles County
Department of Public Works
Sanitation Division
550 S. Vermont Avenue
Los Angeles, CA 90020

Dear Mr. Berger:

Per your conversation with Fritz Gobler, we are proposing the folloiwng measures to provide verification of safe storage for our eight underground storage tanks.

Our inventory control program will provide a running, daily log of inputs and withdrawals from the four fuel tanks currently in use, and the results will be compared with those found by "sticking" the tanks. Determination of a leak will be made using the California Administrative Code, Title 23, Chapter 3, Subchapter 16, dated January 18, 1985, as the guideline.

The three tanks not currently in use have been filled with water and a preservative, and shall be "sticked" weekly with leak determination, using the guidelines set up in the previously mentioned code.

We also have a concrete-walled drain oil sump from which there is currently no means of measuring input or outputs. Because of this, we cannot monitor this sump using the same method as the other seven tanks, and are looking into other options that will prove our safe storage.

To the best of our knowledge, we have had no leaks or other unauthorized discharges from any of the aforementioned underground tanks, and request that we be issued a provisional hazardous materials underground storage permit.

Sincerely,

Dan J. Arnold

DJA:gb
cc: Fritz Gobler
Doyle Wadley

a Jim Walter company

C 69124

Cub

1292 B

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

CLOSED 04

OWNER:
NAME United Concrete Pipe Division - U. S. Pipe & Foundry Company
ADDRESS 14041 East Live Oak Avenue CITY Irwindale STATE CA ZIP 91708

FACILITY:
NAME United Concrete Pipe
SITE ADDRESS 14041 East Live Oak Avenue CITY Irwindale ZIP 91708
MAILING ADDRESS P.O. Box 429 CITY Baldwin Park STATE CA ZIP 91706
CONTACT PERSON D. H. Wadley TITLE Plant Manager PHONE (818) 337-1211

CLOSURE REQUESTED:
☐ TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
EFFECTIVE DATE OF CLOSURE MAY 1986
DATE OPERATION WILL RESUME
☒ PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION IRWINDALE
(REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
☐ PERMANENT, TANK(S) IN PLACE
(REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

TANK NO.	MATERIAL	AGE (YEARS)	CAPACITY (GAL)	MATERIALS STORED (PAST AND PRESENT)
~~4~~ 5 6			1,000 10,000 10,000	GAS + DIESEL

	YES	NO
HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE?	☐	☒
HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS?	☒	☐
WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE?	☐	☒
WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED?	☐	☒

IF THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

APPLICANT'S SIGNATURE Rocky Angelo DATE 4-7-86
OWNER ☐ OPERATOR ☐ CONTRACTOR Rocky Angelo
STATE LICENSE NO. 295564

TO BE COMPLETED BY THE COUNTY ENGINEER

BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED $ 114.00
PERMIT NO 1292-B
FILE NO 593 R/C 35

Mike Pyles DATE 4-9-86
TO ARRANGE FOR AN INSPECTION, TELEPHONE (818) 574-0962 (8-9 AM)

JOE BAIOCCO MIKE PYLES

CONDITIONS A -- GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer-Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3) business day advance notification.

   b. Permanent closure of a tank in place or a temporary closure shall require a 30 day written notification.

3. A fee of $38 per tank shall accompany this application.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74-81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies include the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.

   b. The personnel shall be sufficiently skilled to safely carry out such operation.

   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.

   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B -- TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, "Abandonment or Removal of Underground Tanks," Part A and any other applicable Parts.

2. A temporary closure shall not exceed 90 days.

CONDITIONS C -- PERMANENT, TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tanks shall be transported to a legal disposal point.

6. If the tank had stored materials other than motor fuel, fuel oil, or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be backfilled and recompacted to a relative compaction of 90%.

CONDITIONS D -- PERMANENT, TANK(S) IN PLACE

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test borings may be drilled vertically and the reason stated in the report in 2.h. below.

   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.

   c. For multiple tanks, as a minimum, borings shall be placed at 20 foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.

   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.

   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.

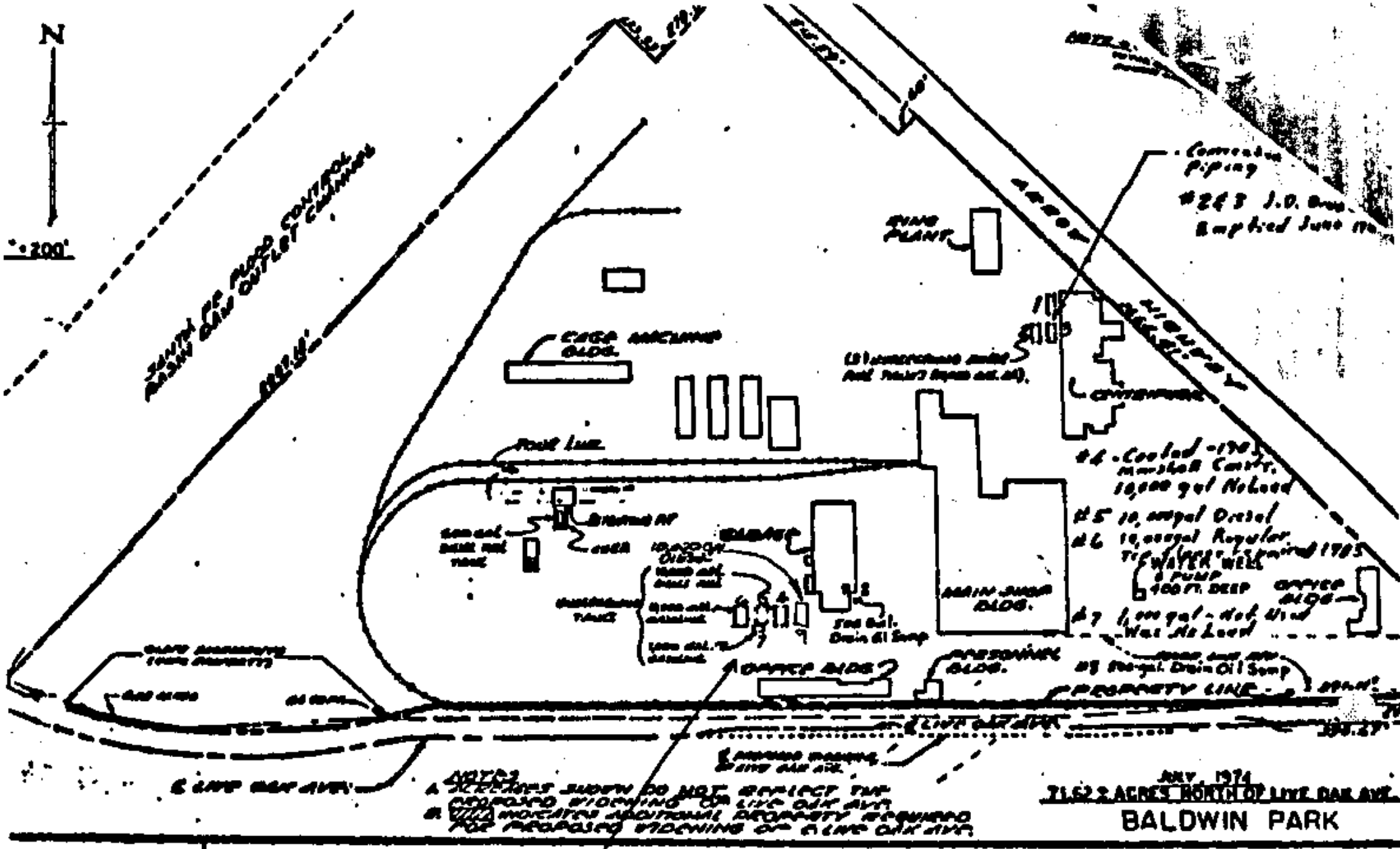
   f. Soil samples shall be capped immediately with teflon or aluminum.

   g. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.

   h. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials -- Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.



For Detail
See Sheet 2

U. S. PIPE & FOUNDRY COMPANY
UNITED CONCRETE PIPE DIVISION
14041 EAST LIVE OAK AVENUE
IRWINDALE, CALIFORNIA 91708

>
********** HAZARDOUS MATERIALS STORAGE CLOSURE FEE BILL*********

TE DUE: 04/09/86 AMOUNT DUE: $114.00 F

(COUNTY CLOSURE FEE: $114.00)

000593 0001292B 3S

SITE: 14041 E LIVE OAK AVE
OWNER:

LA COUNTY DEPT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION
(213) 226-4000

UNITED CONCRETE PIPE
P.O. 429
BALDWIN PARK CA 91706-

>>>>>>>> RETAIN THIS PORTION FOR YOUR RECORDS <<<<<<<<

2236 B

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

OWNER:
NAME UNITED CONCRETE PIPE DIV. - U.S. PIPE & FOUNDARY CO.
ADDRESS 14041 E LIVE OAK CITY IRWINDALE STATE CA ZIP 91708

FACILITY:
NAME UNITED CONCRETE PIPE
SITE ADDRESS 14041 E LIVE OAK CITY IRWINDALE ZIP 91708
MAILING ADDRESS BOX 429 CITY BALDWIN PK STATE CA ZIP 91706
CONTACT PERSON D.H. WADLEY TITLE PLANT MGR PHONE 818 337 1211

CLOSURE REQUESTED:
☐ TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
EFFECTIVE DATE OF CLOSURE _____
DATE OPERATION WILL RESUME _____
☒ PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION 2202 S. MILLIKEN
(REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
☐ PERMANENT, TANK(S) IN PLACE
(REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

TANK NO.	MATERIAL	AGE (YEARS)	CAPACITY (GAL)	MATERIALS STORED (PAST AND PRESENT)
1	~~10,000~~ STEEL		10,000	DIESEL
2	~~10,000~~ "		10,000	DIESEL
~~3~~ 7	~~1,000~~		1000	REG. GAS

CK # 1732 $288.82

	YES	NO
HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE?	☐	☒
HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS?	☐	☒
WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE?	☒	☐
WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED?	☐	☒

IF THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

APPLICANT'S SIGNATURE Ron Maulla DATE 12-10-86
OWNER ☐ OPERATOR ☐ CONTRACTOR ☐ Rudy Jeanis STATION MAINT.
STATE LICENSE NO. _____

TO BE COMPLETED BY THE COUNTY ENGINEER

BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED $ 109.00
PERMIT NO 2236B
FILE NO 593 R/C 35

Blair O Burns DATE 12/10/86
TO ARRANGE FOR AN INSPECTION, TELEPHONE Joe Barocco

CLOSURE PERMIT SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

Closure Permit No. 2234 B
File No. I-593-35

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A,B	2' TO 4' BELOW TANK INVERT	TOTAL PETROLEUM HYDROCARBONS	EPA 418.1
2A,B	" " " " "	" " "	
5A,B	" " " " "	" " " DX BANK LEAD	EPA 8015

3. All soil samples obtained shall be undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

5. The analysis results for all soil samples shall be expressed in milligrams per kilogram (mg/kg). Analysis results for groundwater samples shall be expressed in parts per billion (ppb).

6. Analysis results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) The method of analysis.

7. All soil/groundwater samples obtained shall be handled and transported to a laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

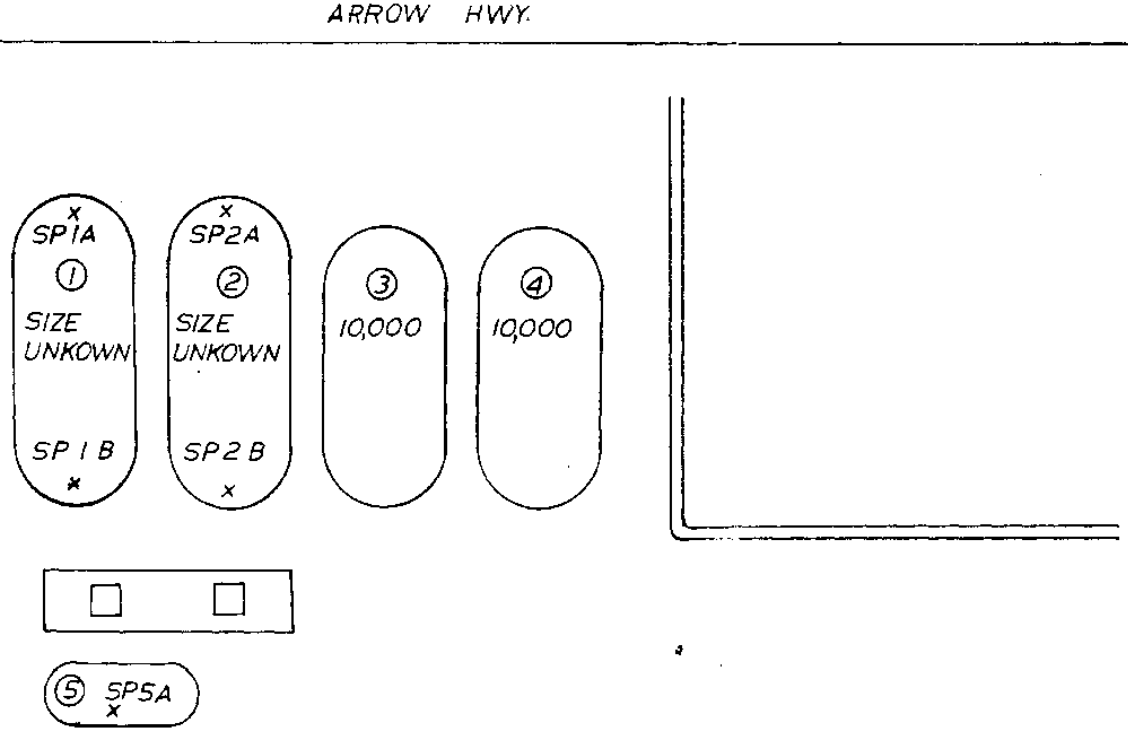
9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever earlier.

A report will be submitted to the Department of Public Works containing:

1. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
2. How and when samples were obtained, handled and transported.
3. If borings were established, the boring logs.
4. Chain-of-custody documentation.
5. Where tanks were taken to.
6. Analysis results on State certified laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
7. Depth of groundwater at facility.
8. Any observations of site contamination.
9. Manifests of hazardous waste disposal, if appropriate.
10. Any remedial action recommendations.
11. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.

Signature Ron Mazzella Date 12-10-86

ARROW HWY.



LIVE OAK AVE.

RECEIVED
DEC 10 1986
DEPARTMENT OF PUBLIC WORKS
ENGINEERING & SERVICES DIVISION

UNITED CONCRETE, INC.
14041 East Live Oak Ave.
Baldwin Park, CA 91706

[illegible] B2

[illegible] AMOUNT DUE: [illegible]

COUNTY CLOSURE FEE: [illegible]

000573 [illegible] 35

SITE: [illegible]
OWNER:

LA COUNTY DEPT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
(213) 224-4003

UNITED CONCRETE PIPE
BOX 429
BALDWIN PARK CA 91706-

[illegible]

[illegible] RETAIN THIS PORTION FOR YOUR RECORDS [illegible]

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-6111

THOMAS A. TIDEMANSON, Director
WYNN L. SMITH, Chief Deputy Director
CECIL E. BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

IN REPLY PLEASE REFER TO FILE I-593-3S

February 10, 1987

U.S. Pipe & Foundry Co.
Box 429
Baldwin Park, CA 91706

Attn: Mr. Frederick Gobler

Gentlemen:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE PERMIT NO. 2236B
FACILITY AT: 14041 E.Live Oak Ave.

This office has reviewed the soil/groundwater assessment report submitted on January 28, 1987 as required as part of the subject closure procedure. Based on the information submitted, the following action is required:

[ ] The closure is final and no further action is required.

[ ] The soils removed during the tank excavation are unrestricted and may be used as backfill material. The closure is final and no further action is required.

[xx] The soils are not suitable as fill material and must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.2, unless evidence is presented indicating that disposal is proper at a less restricted facility. Copies of all completed manifests shall be submitted to this office indicating legal disposal.

[ ] The permanent closure of the tanks(s) in place shall comply with requirements set by the local Fire Department. Verification must be submitted to this office indicating proper closure and completion of all work.

If you have any questions concerning this matter, please contact Ofori K. Amoah at (213) 226- 4014 .

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By [signature]
Waste Management Division

cc:

CL204 8/86

C 641816

UNITED CONCRETE PIPE
A DIVISION OF U.S. PIPE AND FOUNDRY CO.
P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

I-893-35

87 000074W

000007

January 22, 1987

Ofori K. Amoah
County of Los Angeles
Department of Public Works
2250 Alcazar Street
Los Angeles, CA 90051

RECEIVED
JAN 2 1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES

Dear Mr. Amoah:

In accordance with State and Local laws, enclosed is a copy of the underground tank closure and site assessment report from Brown and Caldwell Consulting Engineers for the Baldwin Park Plant. The contents of the report for this site seem to be self explanatory. In light of the limited contamination levels, and deep ground water we request authorization to backfill, and complete the closure at this location.

Your prompt attention would be appreciated, and if there is any additional information I can supply to expedite the process, please contact me.

Very truly yours,

Frederick C. Gobler, P.E.

FCG:ag

Encl. 6

C0870000 7W

39-2-D

cttw

BROWN AND CALDWELL
CONSULTING ENGINEERS

January 19, 1987

Mr. Frederick C. Gobler, P.E.
Senior Mechanical Engineer
United Concrete Pipe
A Division of U.S. Pipe
Post Office Box 429
Baldwin Park, California 91706

12-2990-00

Subject: Soil Sample Analysis for
United Concrete Pipe Company at
14041 Live Oak Drive
Baldwin Park, California

Dear Mr. Gobler:

Attached is a copy of the subject United Concrete Pipe Division site plan (Attachment A) located in Baldwin Park, California. Also attached are the report of analytical results (Attachment B) for five soil samples taken at the site, a copy of the Chain-of-Custody Record for the samples (Attachment C), and a sketch showing where the samples were taken (Attachment D).

Five soil samples were obtained from a three tank excavation on December 17, 1986. Two 10,000 gallon fuel tanks were pulled initially, on December 11,1986, with a verbal authorization from the County of Los Angeles Fire Prevention Division located on 125 South Baldwin Avenue. Soil samples were not obtained that day because equipment was not available to collect soil from the bottom of the excavation pit. The third, 1,000 gallon fuel tank was removed on December 17, 1986 in the presence of Michael Saemz of the County of Los Angeles Fire Prevention Division.

well depth
Feb.
91.4' → 1984

N.g fault → 180 feet

150 SOUTH ARROYO PARKWAY - P.O. BOX 7103, PASADENA, CA 91109 (818) 577-1020 (714) 971-0504

Soil samples were obtained by using a clam bucket digger on a 15-10 crane to collect soil at an approximate depth of three feet below where each tank was positioned. Each sample was then collected in a 2-inch diameter brass tube using a hand shovel. The brass tubes were capped with a teflon liner and plastic cap, sealed around the edge of the cap with electrical tape, then placed on ice for storage and transport to the laboratory.

Two soil samples were collected for both the 10,000 gallon regular and the 1,000 gallon gasoline fuel tanks. Only one sample was obtained for the 10,000 gallon diesel tank because the east sidewall to that tank contained a full 10,000 gallon fuel tank which would be in danger of sliding into the pit if excavation continued on the southeast side. Each sample was analyzed for petroleum hydrocarbons using EPA Method 8015. Total fuel hydrocarbon concentrations in the five samples ranged from less than 10 to 560 mg/kg.

A review of the available information indicates groundwater is located approximately 200 feet below the United Concrete site (verbal, Los Angeles Public Works, Loleta Amandy and Bulletin No. 104-2, Planned Utilization of Groundwater Basins - San Gabriel Valley, DWR). The soils beneath the site consist of recent and older alluvium deposits to an approximate depth of 2,500 feet (Bulletin No. 104-2, DWR). These deposits consist predominantly of coarse sands, gravels and boulders which were deposited along the San Gabriel River Channel.

I trust this letter meets your requirements at the present time. If you have any questions, please contact me.

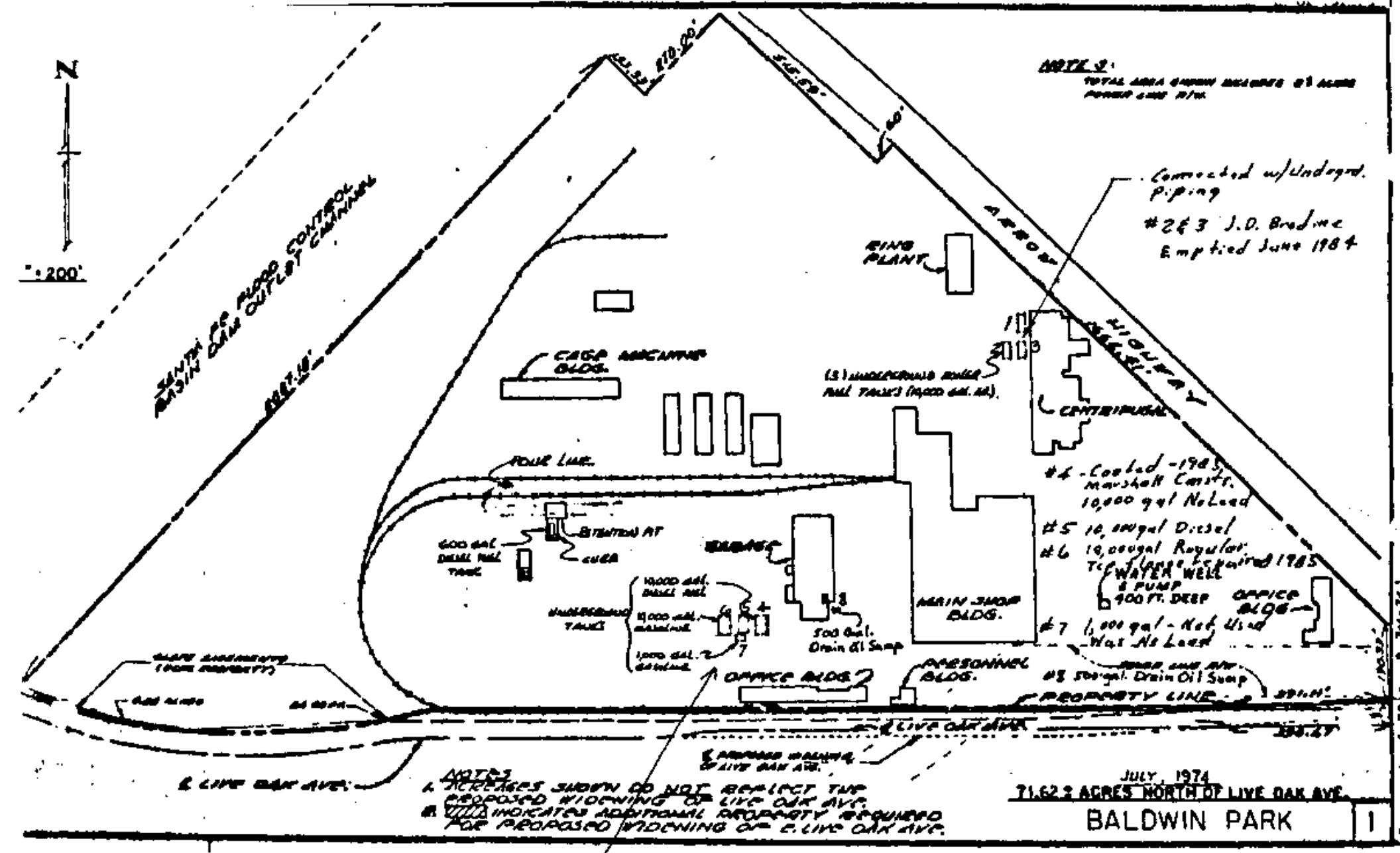
Very truly yours,

BROWN AND CALDWELL

REGISTERED GEOLOGIST
VIJAY KUMAR BEDI
No. EG 1247
CERTIFIED
ENGINEERING
GEOLOGIST
Exp. 6/30/88
STATE OF CALIFORNIA

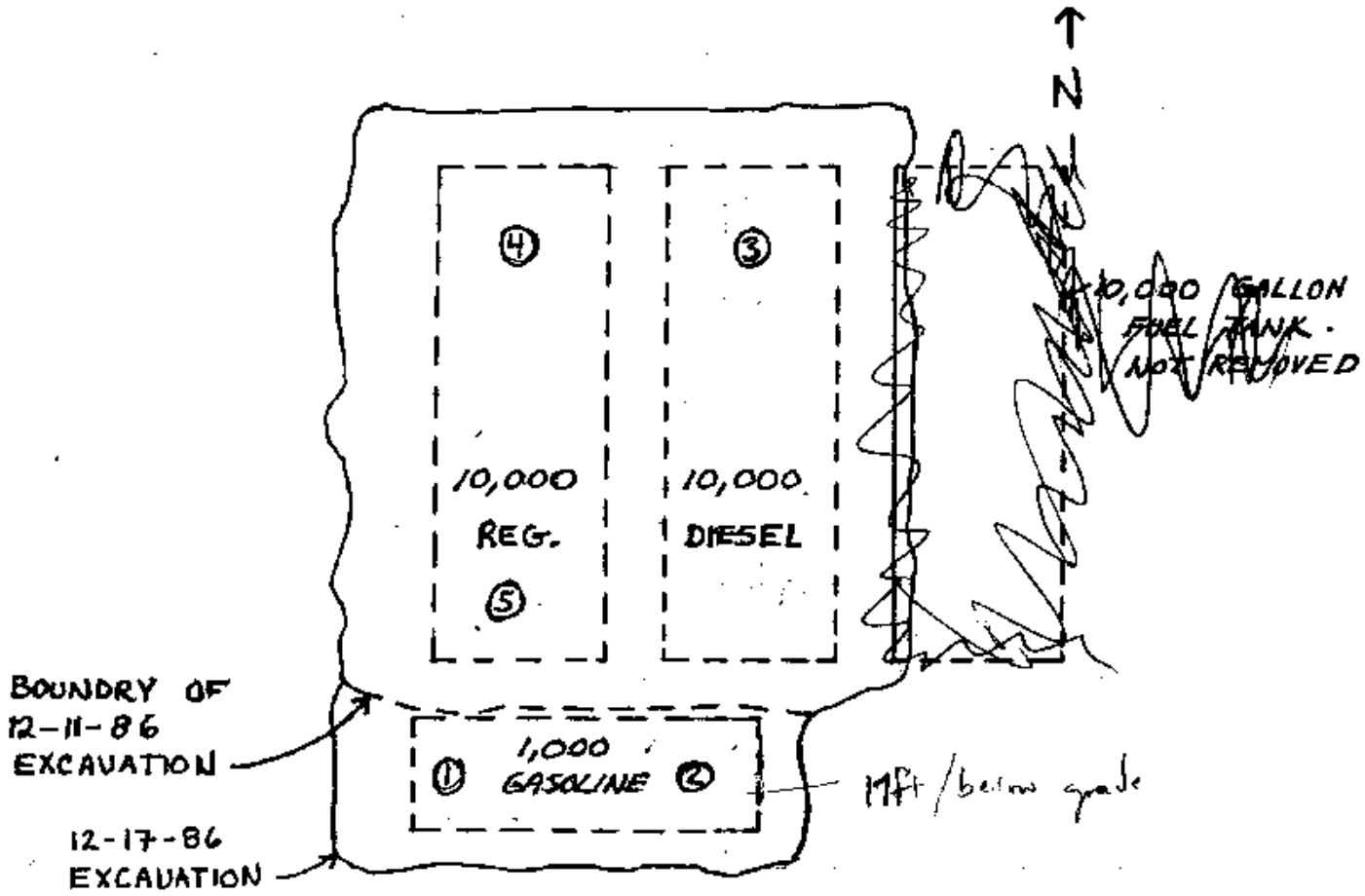
Vijay K. Bedi
Supervisor
Hazardous Materials Management Department

VKB:ln
Enclosure



U. S. PIPE & FOUNDRY COMPANY
UNITED CONCRETE PIPE DIVISION
14041 EAST LIVE OAK AVENUE
IRWINDALE, CALIFORNIA 91708

FOR DETAIL SEE SHEET 2.



LEGEND

① Sample log No. 12-291-1 taken 12-17-86 = 560 mg/kg (ppm)
② Sample log No 12-291-2 taken 12-17-86 = 200 mg/kg (ppm)
③ Sample log No 12-291-3 taken 12-17-86 = 34 mg/kg (ppm)
④ Sample log No 12-291-4 taken 12-17-86 = <10 mg/kg (ppm)
⑤ Sample log No 12-291-5 taken 12-17-86 = 37 mg/kg (ppm)

2990 JOB NO	LGM BY	UNITED CONCRETE TANK EXCAVATION SUBJECT	1-13-87 DATE	2 SHEET NO

BROWN AND CALDWELL

ANALYTICAL LABORATORIES

December 22, 1986

Mr. Ron Mazella
Rudy's Service Station
5811 Temple City Blvd.
Temple City, CA 91780

Date Received: 12/17/86
Date Sampled: 12/17/86
Lab Number: P86-12-291

Sample Identification	Petroleum Hydrocarbons, mg/kg
1. 1000 gallon tank - West End	560
2. 1000 gallon tank - East End	200
3. 10,000 gallon diesel - North End	34
4. 10,000 gallon reg. - North End	<10
5. 10,000 gallon reg. - South End	37

Jane Freemyer
Laboratory Support Supervisor

JF:jm

373 SOUTH FAIR OAKS AVENUE PASADENA, CA 91105 (818) 795-7553 (213) 681-4655

CHAIN OF CUSTODY RECORD

BC Log Number 186-12-211

Client name	LAB JOB
Job number	2990 -
Project name	RUDY'S SER. ST. - UNITED CONCRETE
Project manager	RUDY
Sampler(s)	L. MASERJIAN

BROWN AND CALDWELL
1500 SOUTH ARROYO PARKWAY • PO BOX 7100 • PASADENA, CA 91109 (818) 573-1020 (714) 973-0504

Sample number	Date sampled	Time sampled	Type Composite or Grab	Sample description	~~Number of containers~~ mg/kg	EPA 8015							Hazardous sample Special handling required	Remarks
1	12-17	12:30		1000 Gal. tank - west end	560	X								
2	"	"		1000 Gal. tank - east end	200	X								Rush
3	"	"		10,000 Gal Diesel - North end	34	X								
4	"	"		10,000 Gal Reg - North end	<10	X								
5	"	"		10,000 Gal Reg - South end	37	X								48 HR.
														Due Fri.
														12/19

	Signature	Company	Date	Time
Relinquished by	Lisa Maserjian	BC Eng.	12-17-86	1:05
Received by	Ron McRae	B&C	12-17-86	1:05
Relinquished by				
Received by				
Relinquished by				
Received by				

BROWN AND CALDWELL Analytical Laboratories

☐ 1255 Powell Street, Emeryville, CA 94608 (415) 428-2300
☐ 373 South Fair Oaks Avenue, Pasadena, CA 91105 (213) 681-4655

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.
Hazardous samples will be returned to client or disposed of at client expense.

Waste mgt

UNITED CONCRETE PIPE
A DIVISION OF U.S. PIPE AND FOUNDRY CO.
P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

810.25

copy! of 08700001W

January 22, 1987

OKA 700053

Ofori K. Amoah
County of Los Angeles
Department of Public Works
2250 Alcazar Street
Los Angeles, CA 90051

Dear Mr. Amoah:

In accordance with State and Local laws, enclosed is a copy of the underground tank closure and site accessment report from Brown and Caldwell Consulting Engineers for the Baldwin Park Plant. The contents of the report for this site seem to be self explanatory. In light of the limited contamination levels, and deep ground water we request authorization to backfill, and complete the closure at this location.

Your prompt attention would be appreciated, and if there is any additional information I can supply to expedite the process, please contact me.

Very truly yours,

Frederick C. Gobler, P.E.

FCG:ag

Encl. - 4

RECEIVED
FEB 3 1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

a jim walter company

Waste mgmt

UNITED CONCRETE PIPE
A DIVISION OF U.S. PIPE AND FOUNDRY CO.
P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

B10.25

OKA
7C0150

March 5, 1987

Ofori K. Amoah
County of Los Angeles
Department of Public Works
2250 Alcazar Street
Los Angeles, CA 90033

Dear Mr. Amoah:

Per our conversation, enclosed are Precision Tank Test results for Tanks 1-7, and the Tank Assessment Statement and Fee for Tank 9 which was recently installed. Tank 8 is not is use, and will be closed. Also enclosed is the Brown and Caldwell Report for additional soil sampling where Tank 7 was removed, and hazardous wastes manifests for 55 barrels of fuel contaminated soil that were disposed of at Casmalia Resources.

We again request authorization to backfill and complete closure at this site.

Very truly yours,

Frederick C. Gobler, P.E.

FCG:dmh

Encl: 14

BROWN AND CALDWELL
CONSULTING ENGINEERS

February 19, 1987

Mr. Frederick C. Gobler, P.E.
Senior Mechanical Engineer
United Concrete Pipe
A Division of U.S. Pipe
Post Office Box 429
Baldwin Park, California 91706

12-2990-00

Subject: Soil Sample Analysis for
United Concrete Pipe Company at
14041 Live Oak Drive
Baldwin Park, California

Dear Mr. Gobler:

Attached is a copy of the subject United Concrete Pipe Division site plan (Attachment A) located in Baldwin Park, California. Also attached are the report of analytical results (Attachment B) for two additional soil samples taken at the site, a copy of the Chain-of-Custody Record for the samples (Attachment C), and a sketch showing where the samples were taken (Attachment D).

Soil samples were obtained using a clam bucket digger on a 15-10 crane to collect soil at an approximate depth of three feet below the depth of previous samples (reference Brown and Caldwell's Report dated January 19, 1987), as requested by the Los Angeles Fire Prevention Division. Each sample was then collected in a 2-inch diameter brass tube using a hand shovel. The brass tubes were capped with a teflon liner and plastic cap, sealed around the edge of the cap with electrical tape, then placed on ice for storage and transport to the laboratory.

Each sample was analyzed for petroleum hydrocarbons using EPA Method 8015. Total fuel hydrocarbon concentrations in the two samples were not detected at the method detection limit of 5 mg/kg.

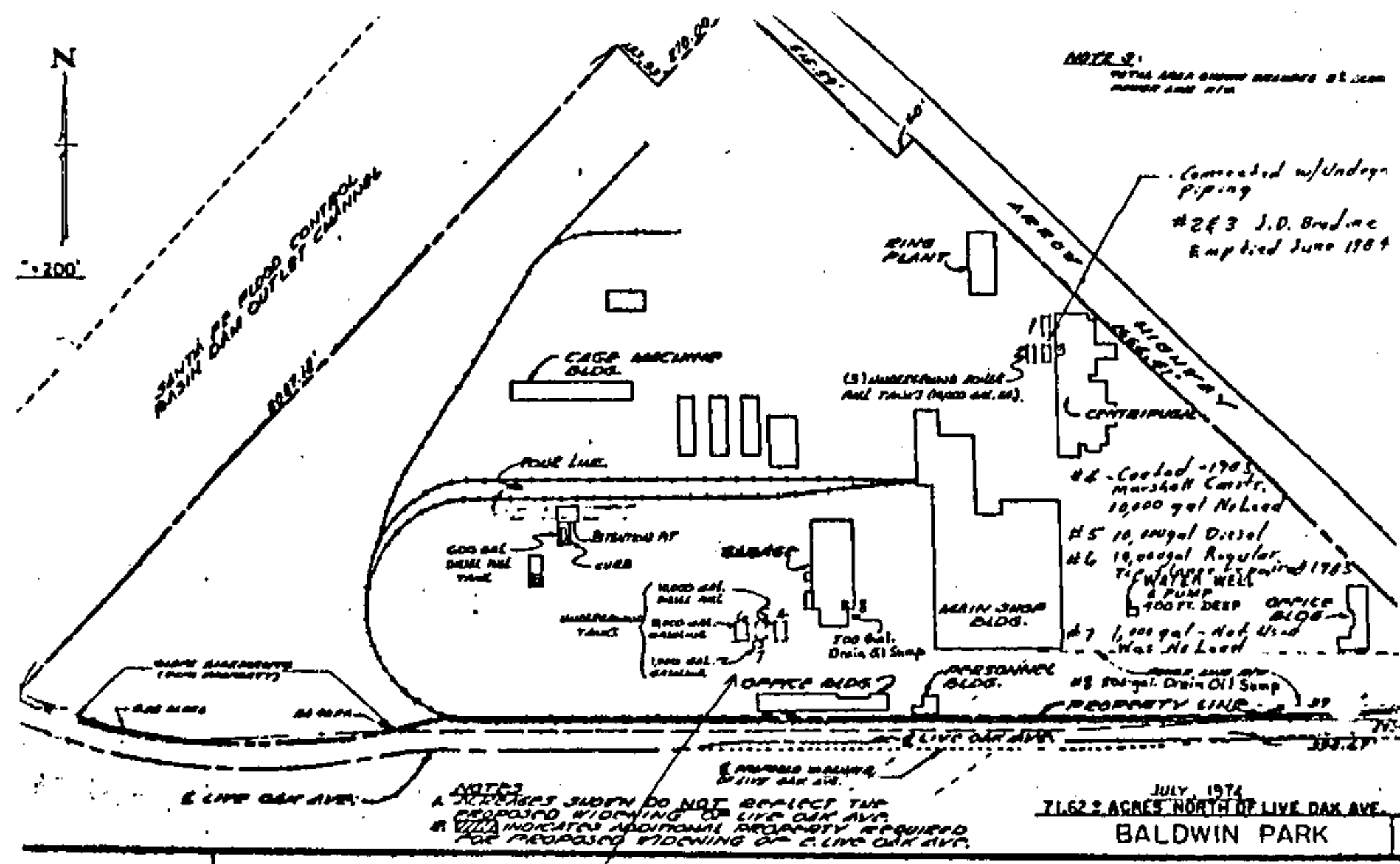
I trust this letter meets your requirements at the present time. If you have any questions, please contact me.

Very truly yours,

BROWN AND CALDWELL

Vijay K. Bedi
Supervisor
Hazardous Materials Management Department

VKB:ln
Enclosures (4)



NOTES:
A. SKETCHES SHOWN DO NOT REFLECT THE PROPOSED WIDENING OF LIVE OAK AVE.
B. WILL INDICATES ADDITIONAL PROPERTY REQUIRED FOR PROPOSED WIDENING OF E. LIVE OAK AVE.

FOR DETAIL SEE SHEET 2

U. S. PIPE & FOUNDRY COMPANY
UNITED CONCRETE PIPE DIVISION
14041 EAST LIVE OAK AVENUE
IRWINDALE, CALIFORNIA 91708

BROWN AND CALDWELL
ANALYTICAL LABORATORIES

LOG NO: P87-02-176

Received: 11 FEB 87
Reported: 17 FEB 87

Vijay Bedi
Brown and Caldwell
150 S. Arroyo Parkway
Pasadena, California 91109
CC: Fritz Goebler

Project: 2990-01

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
02-176-1	East End - 1000 gal. Tank	11 FEB 87
02-176-2	West End - 1000 gal. Tank	11 FEB 87

PARAMETER	02-176-1	02-176-2
Fuel Hydrocarbons		
Date Analyzed	02/13/87	02/13/87
Dilution Factor, Times 1	1	1
Fuel Hydrocarbons, mg/kg	<5	<5

Attempts were made to report fuel results to Vijay Bedi on 02/13/87.--DW

Edward Wilson, Laboratory Director

CHAIN OF CUSTODY RECORD

BC Log Number 187-02-17

Client name	Job number
UNITED CONCRETE	2990-01
Project name	
UNITED CONCRETE - BALDWIN PARK	
Project manager	**Sampler(s)**
LAB JOB	L. MASERIAN

Sample number	Date sampled	Time sampled	Type Composite or Grab	Sample description	Number of containers	Analyses required: EPA 8015	Hazardous sample / Special handling required	Remarks
1	2-11	2 pm		EAST END - 1000 gal. tank		X		48 HR.
2	2-11	2 pm		WEST END - 1000 gal. tank		X		48 HR.
								mileage: 34
				* Please send one copy to BC ENG, Attn. V. Bedi				
			Call	Fritz Gobler - (818) 337-1211 with verbal				

	Signature	Company	Date	Time
Relinquished by	Lisa A. Maseyian	BC Eng	2-11-87	2:45
Received by	Ron McRae	B & C	2-11-87	2:45 P
Relinquished by				
Received by				
Relinquished by				
Received by				

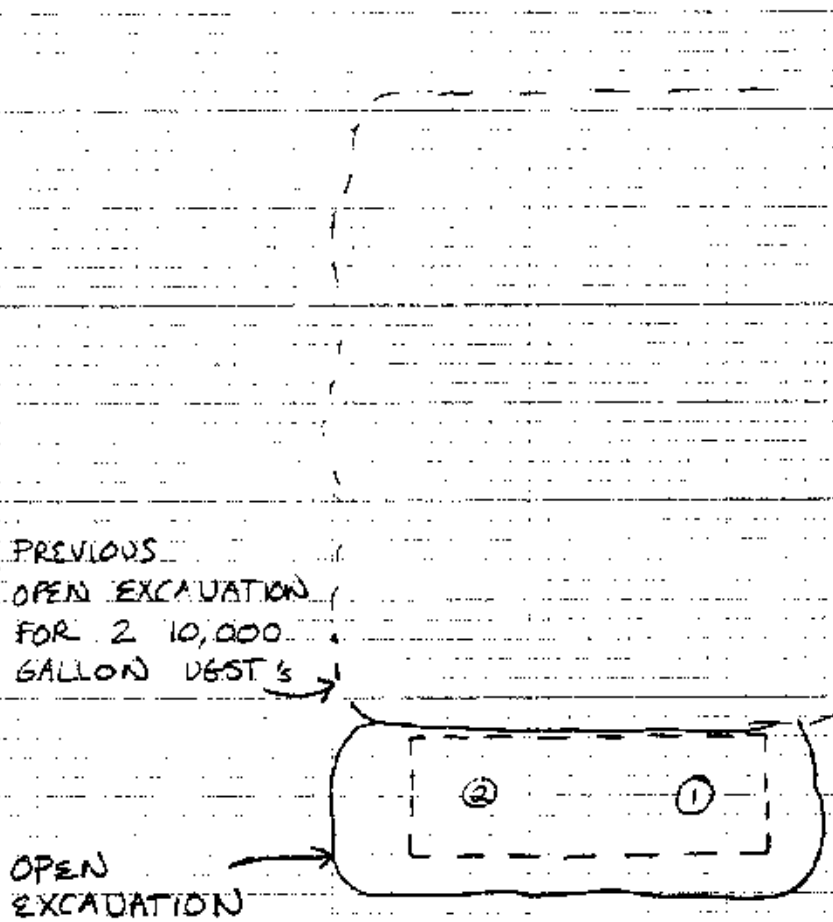
BROWN AND CALDWELL Analytical Laboratories

☐ 1255 Powell Street, Emeryville, CA 94608 (415) 428-2300
☐ 373 South Fair Oaks Avenue, Pasadena, CA 91105 (213) 681-4655

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.
Hazardous samples will be returned to client or disposed of at client expense.

BROWN AND CALDWELL CONSULTING ENGINEERS

2-11-87
L. MASERJIAN



① SAMPLE TAKEN 2-11-87 EAST END - 1000 Gal. tank

② SAMPLE TAKEN 2-11-87 WEST END - 1000 Gal. tank

2 Samples were taken at the same location as 12-17-86 samples ① and ②. Soil was taken ~3 feet below where previous samples were taken.

A clam bucket digger on a 15-10 crane was used to excavate the soil.

JOB NO. | BY | SUBJECT | DATE | SHEET NO.

State of California—Health and Welfare Agency
Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD000986718 — Manifest Document No.: 222253
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
United Concrete Pipe
P O Box 429, Baldwin Park, Ca 91706

4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 86322253
B. State Generator's ID:

5. Transporter 1 Company Name: M C NOTTINGHAM CO OF SO CAL
6. US EPA ID Number: CAD009240713
C. State Transporter's ID: 709030
D. Transporter's Phone: 818/286-3104

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
Casmalia Resources
NTU Road
Casmalia, Ca 93429

10. US EPA ID Number: CAD020748125
G. State Facility's ID: CAD020748125
H. Facility's Phone: 805/937-8449

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous Waste Solid NOS ORM-E NA 9189	02	DM	15750	P	Cal Waste 611
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Drums U1 to U21 contain contaminated soil, less than 1% hydro carbons

K. Handling Codes for Wastes Listed Above: 03

15. Special Handling Instructions and Additional Information

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.
Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name: FRITZ GOBLER — Signature: [signature] — Month Day Year: 02 27 87

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: R.S. RUBALCAVA — Signature: R.S. Rubalcava SAL — Month Day Year: 02 27 87

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

FACILITY

19. Discrepancy Indication Space
#87180.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Casmalia Resources Dennis Fraley — Signature: Dennis Fraley — Month Day Year: 03 02 87

86322253

DHS 8022 A (11/85)
(EPA 8700—22)

YELLOW: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

State of California—Health and Welfare Agency

GENERATOR COPY

Department of Health Services
Toxic Substances Control Division
Sacramento, California

Please print or type. (Form designed for use on elite-12 pitch typewriter)

UNIFORM HAZARDOUS WASTE MANIFEST	1. 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.
	C A D 0 0 3 9 8 6 7 1 8			

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE DIVISION
14041 E. LIVE OAK AVE. - P.O. BOX 429
(818) 337-1211 Baldwin Park, CA 91706

4. Generator's Phone ( )

A. State Manifest Document Number: 84169427
B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: M. C. NOTTINGHAM CO.
6. US EPA ID Number: C A D 0 5 2 4 0 7 1 3
C. State Transporter's ID: 63755
D. Transporter's Phone: (818)442-4660

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
CASMALIA RESOURCES
NTU ROAD
CASMALIA, CA 93429

10. US EPA ID Number: C A D 0 2 0 7 4 9 1 2 5
G. State Facility's ID: CAD020748125
H. Facility's Phone: (805) 937-8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. HAZARDOUS WASTE SOLID N.O.S. ORM-E NA 9189	22	DM	18,700	P	CAL WASTE 611
b. [illegible]					[illegible]
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a) Drums #1-34 Contain dirt and rock contaminated with diesel fuel.
[illegible]

K. Handling Codes for Wastes Listed Above: 03

15. Special Handling Instructions and Additional Information
NONE

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 governmental regulations.

Printed/Typed Name	Signature	Date Month Day Year
FRITZ GOBLER	[signature]	04 28 86

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
LORETO SAMANO Ramon Lozano	Loreto Samano Ramon Ramo	04 28 86

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name	Signature	Date 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 #73135

Printed/Typed Name	Signature	Date Month Day Year
CASMALIA Resources	Alice Criest Alice Criest	04 29 86

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

DHS 8022 A (7/84)
(EPA 8700-22)

State of California—Health and Welfare Agency

Department of Health Services
Toxic Substances Control Division
Sacramento, California

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD 003986718 — 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:
UNITED CONCRETE PIPE DIVISION
P.O. BOX 429, BALDWIN PARK, CA 91706
Return to Generator

A. State Manifest Document Number: 84131333
B. State Generator's ID:
4. Generator's Phone: (818) 337-1211

5. Transporter 1 Company Name: M C NOTTINGHAM CO. OF SO CAL
6. US EPA ID Number: CAD 059240713
C. State Transporter's ID: 63755
D. Transporter's Phone: 818/286-3104

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:
CASMALIA RESOURCES
NTU ROAD
CASMALIA, CA 93429
10. US EPA ID Number: CAD 020749125
G. State Facility's ID: CAD020749125
H. Facility's Phone: 805/937-8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. HAZARDOUS WASTE SOLID NOS ORM-E NA 9189	12	DM	12,000	P	611
b. MAT'L NA1760 WASTE PAINT OR PAINT RELATED MATERIAL-CORROSIVE	8	DM	8,000	P	461
c.					
d.					

J. Additional Descriptions for Materials Listed Above:
A. DRUMS #1-12 CONTAIN DIRE AND ROCK CONTAMINATED WITH DIESEL FUEL.
B. DRUMS 13-20 CONTAIN PAINT & RESIN

K. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:

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 governmental regulations.

Printed/Typed Name: FRITZ GOBLER — Signature: [signature] — Date: Month 05 Day 06 Year 86

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: LORETO SAMANO — Signature: Loreto Samano — Date: Month 05 Day 06 Year 86

18. Transporter 2 Acknowledgement or Receipt of Materials
Printed/Typed Name: — Signature: — Date: 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: 473516-21,740 lbs.
Printed/Typed Name: CASMALIA RESOURCES Paulette Hopkins — Signature: Paulette Hopk — Date: Month 5 Day 7 Year 86

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

DHS 8022 A (7/84)
(EPA 8700-22)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4088
LOS ANGELES, CALIFORNIA 90051

March 30,1987

IN REPLY PLEASE REFER TO FILE: I-593-3S

United Concrete Pipe Division
Box 429
Baldwin Park, CA 91706
Attn:Mr.Frederick Gobler

Gentlemen: United Concrete Pipe Div.

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE PERMIT NO. 1292B/2236B
FACILITY AT: 14041 E.Live Oak Avenue

This office has reviewed the soil/groundwater assessment report submitted on March 17,1987 as required as part of the subject closure procedure. Based on the information submitted, the following action is required:

[X] The closure is final and no further action is required.

[ ] The soils removed during the tank excavation are unrestricted and may be used as backfill material. The closure is final and no further action is required.

[ ] The soils are not suitable as fill material and must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.2, unless evidence is presented indicating that disposal is proper at a less restricted facility. Copies of all completed manifests shall be submitted to this office indicating legal disposal.

[ ] The permanent closure of the tank(s) in place shall comply with requirements set by the local Fire Department. Verification must be submitted to this office indicating proper closure and completion of all work.

If you have any questions concerning this matter, please contact Ofori Amoah at (213) 226-4014.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
~~Waste Management Division~~

cc:

CL204 8/86

818796

UNITED CONCRETE PIPE

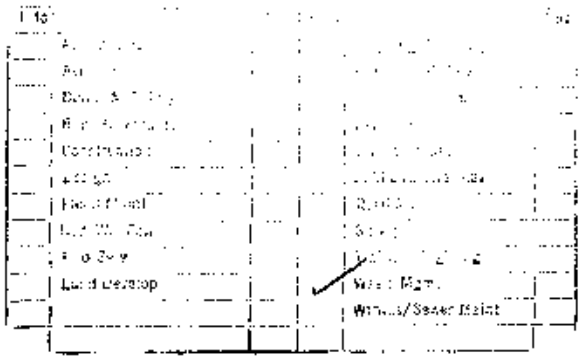
A DIVISION OF U.S. PIPE AND FOUNDRY CO.

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

A

OKA
8700507

March 17, 1987 ~~RECEIVED~~



Ofori K. Amoah
County of Los Angeles
Department of Public Works
Engineering Services Division
1540 Alcazar Street
Los Angeles, CA. 90033

Dear Mr. Amoah:

Per our conversation, enclosed are Precision Tank Test results for Tanks 1-2, and the Tank Assessment Statement and Fee for Tank 9 which was recently installed. Tank 8 is not in use, and will be closed. Also enclosed is the Brown and Caldwell Report for additional soil sampling where Tank 7 was removed, and hazardous wastes manifests for 55 barrels of fuel-contaminated soil which were disposed of at Casmalia Resources.

We again request authorization to backfill and complete closure at this site.

Very truly yours,

Frederick C. Gobler, P.E.

FCG:lm
Encl.

8700507

Waste mgmt

UNITED CONCRETE PIPE

A DIVISION OF U.S. PIPE AND FOUNDRY CO.

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

B10.25

OKA

March 5, 1987

Ofori K. Amoah
County of Los Angeles
Department of Public Works
2250 Alcazar Street
Los Angeles, CA 90051 33

Dear Mr. Amoah:

Per our conversation, enclosed are Precision Tank Test results for Tanks 1-7, and the Tank Assessment Statement and Fee for Tank 9 which was recently installed. Tank 8 is not is use, and will be closed. Also enclosed is the Brown and Caldwell Report for additional soil sampling where Tank 7 was removed, and hazardous wastes manifests for 55 barrels of fuel contaminated soil that were disposed of at Casmalia Resources.

We again request authorization to backfill and complete closure at this site.

Very truly yours,

Frederick C. Gobler, P.E.

FCG:dmh

Encl: 14

Permit Application

This form constitutes a tank assessment statement (TAS) when accompanied by a Hazardous Materials Underground Storage Permit (HMUSP) application within the jurisdiction of L. A. County, Department of Public Works, Sanitation Division.

☐ 01 New Permit ☐ 02 Provisional Permit	☐ 03 Installed before July 1, 1984 ☒ 04 Installed after July 1, 1984	☐ 05 Renewed Permit	☒ 06 Amended Permit

I Owner

Name (Corporation, Individual or Public Agency)			
United Concrete Pipe Division – U. S. Pipe and Foundry Co.			
Street Address	**City**	**State**	**ZIP**
14041 E. Live Oak Avenue	Irwindale	CA	91708

II Facility

Facility Name	Owner, Foreman, Supervisor	
United Concrete Pipe	D. H. Wadley - Plant Manager	
Street Address	**Nearest Cross Street**	
14041 E. Live Oak Avenue	Baldwin Park Blvd.	
City	**County**	**ZIP**
Irwindale, CA	Los Angeles	91708
Mailing Address	**City**	**State** / **ZIP**
P.O. Box 429	Baldwin Park	CA / 91706
Phone w/ area code	**Type of Business**	
1-(818) 337-1211	☐ 01 Gasoline Station ☒ 02 Other Manufacturers Plant	
NUMBER OF CONTAINERS AT THIS FACILITY	**Rural Areas Only: Township**	**Range** / **Section**
6		

III 24 Hour Emergency Contact Person

Days: Name (last name first) and Phone w/ area code	Nights, Weekends (last name first) and Phone w/ area code
D.H. Wadley 1-(818) 337-1211	Guard 1-(818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A ☒ 01 Tank ☐ 02 Other: _____ **Container Number** (if more than one container assign one): 9

B. Manufacturer (if appropriate) Xerxes/Century Cast Year of Mfg 1986 C Year Installed 1986 ☐ Unknown

D Container Capacity 10,000 gallons ☐ Unknown E Does the Container Store (Check One) ☐ 01 Waste ☒ 02 Product

F. Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes, Check appropriate box(es)

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☒ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List) _____

If you answered yes; do not complete Part VIII.

V Container Construction

A Thickness of Primary Containment 7/16 ☐ Gauge ☒ Inches ☐ cm ☐ Unknown

B ☐ 01 Vaulted (Located in an underground Vault) ☒ 02 Non-vaulted ☐ 03 Unknown

C. ☒ 01 Double Walled ☐ 02 Single Walled ☐ 03 Lined

D ☐ 01 Carbon Steel ☐ 02 Stainless Steel ☒ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other _____

COUNTY OF LOS ANGELES
DEPARTMENT RECEIPT

108600

DATE 3-18 19 87

PLAN CHECK FEE $
LDMA SURCHARGE $
TAX SECURITY $
IMP. SECURITY $
FF/RF $
$

RECEIVED FROM: Jim Walter Corp. $ 38.00
thirty eight 00/100 DOLLARS

FOR:
00587 HMMSP
ck 63A162

~~Jasper, Florida~~ no address avail.

C.C. NO.
R.S. NO.
OTHER
TRACT NO
PARCEL NO.

BY [signature] DEPUTY
DEPARTMENT OF PUBLIC WORKS

76D301B (REV. 8/85) 11-85

CPD-1A

UNITED STATES PIPE AND FOUNDRY COMPANY
BALDWIN PARK, CALIFORNIA

6319162

DESCRIPTION	INV. DATE	AMOUNT	DISCOUNT	PREV. BALANCE	NET PAYABLE
Hazardous Material Underground Storage Permit (HMUSP)					
064-4187-032	3/9/87	$38.00			

PLEASE DETACH BEFORE DEPOSITING DRAFT

BALDWIN PARK
OFFICE

108600 6319162

Jim Walter corporation
TAMPA, FLORIDA

1-30
210

MANUFACTURERS HANOVER TRUST COMPANY
NEW YORK, NEW YORK

March 9, 19 87

PAY Thirty-eight dollars and no/100---------- $ 38.00

TO ORDER OF

L.A. County Department
of Public Works -
Sanitation Division

UNITED STATES PIPE AND FOUNDRY COMPANY
BALDWIN PARK, CALIFORNIA

Frank D Cook
AUTHORIZED SIGNATURE

David N. Williams
AUTHORIZED SIGNATURE

⑈6319162⑈ ⑆021000306⑆014 4 9⑈72976⑈

HUNTER ENVIRONMENTAL SERVICES, INC.
115 DEWALT AVENUE, N.W.
SUITE 400
CANTON, OH 44702
216-453-1800 800-523-4370

FINAL REPORT
PDI
Rachel B.
TEST RESULTS

2/11

leak lokator LD 2000

DATE OF TEST: 1/21/86
CONTRACT NUMBER:

CUSTOMER: UNITED CONCRETE PIPE

LOCATION – IDENTIFICATION NUMBER:
NAME:
ADDRESS: 14041 LIVE OAK AVE
CITY: BALDWIN PARK
STATE: CA

TEST RESULTS SUMMARY

	SYSTEM PRODUCT	TANK SIZE GALLONS	TANK SIZE DIA/MATL	WATER INCHES	LEAK LOKATOR RESULTS* LEVEL INCHES	ALR GPH	CONCLUSION	RECOMMENDATIONS	LEAK LOKATOR USE ONLY CONCL. CODE TEST	TANK	SYS
2	LOW #1 UNLEADED	10,000	95" / ST	0	174	-.303	LEAK				
					102	+.038	TIGHT				
2	LOW #2 UNLEADED	1,000	48" / ST	0	87	-.003	TIGHT				
3	REGULAR LEADED	10,000	118" / ST	0	176	-.240	LEAK				
4	DIESEL	10,000	118" / ST	1"	ST. 169¾ 14"/60 MIN	E-D 133B AT x.02	LEAK				
					120	-.014	TIGHT				

OTHER INFORMATION: COULD NOT TEST REGULAR DUE TO BENT FILL PIPE AND STEEL DROP TUBE.

PRODUCT LINES – HYDROSTATIC PRESSURE TEST RESULTS

SYSTEM NO.	SYSTEM PRODUCT	TYPE OF PUMP REMOTE	TYPE OF PUMP SUCTION	# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION/ RESULT

NOTE: On suction systems, NEVER put more than 15 psi on any pump system.

OTHER CONTRACTORS, OFFICIALS, CUSTOMER REPRESENTATIVES PRESENT

DETAIL OF TEST RESULTS

NO.	SYSTEM PRODUCT	TEST NO.	TEST LEVEL (INCHES)	TIME CLOCK START	TIME DURATION HRS.-MIN.	LEAK RATE CC/DIV	LEAK RATE CC/MIN	TEMPERATURE COMPENSATION Δ °F	TEMPERATURE COMPENSATION CC/MIN	ABSOLUTE LEAK RATE CC/MIN	ABSOLUTE LEAK RATE GPH	CHECK TEST Y or N
2	LOW UNLEADED	1	174	10:20	0-18	1.31	-23.319	-.010	-4.185	-19.135	-.303	Y
		2	102	12:40	0-20	2.182	9.124	.016	6.695	2.429	.038	Y
2	LOW UNLEADED	1	87	8:10	0-19	.644	-.161	.001	.042	-.203	-.003	N
3	REGULAR LEADED	1	176	9:40	0-28	1.627	-7.752	.017	7.375	-15.127	-.240	Y
4	DIESEL	1	169¾	8:51	1-0	SEE ULLAGE LOG		.012				
		2	120	11:00	0-19	7.281	4.563	.019	5.443	-.881	-.014	Y

* LEVEL – INCHES FROM TANK BOTTOM TO TEST LEVEL
ALR – ABSOLUTE LEAK RATE (MEASURED LEAK RATE – TEMPERATURE COMPENSATION) IN GALLONS PER HOUR
CONCLUSION – NFPA 329 CRITERION OF ±0.05 GPH IS USED TO CERTIFY TIGHTNESS

CERTIFICATION This is to certify that the above described tank systems were tested, using the HUNTER ENVIRONMENTAL SERVICES, INC. LEAK LOKATOR according to all standard operating procedures. Those indicated as tight at full system meet the criterion established by the National Fire Protection Association Pamphlet 329 for Precision Testing.

TESTS CONDUCTED BY		CERTIFIED BY	
TEST VAN NO.	TANK TESTING SPECIALIST	SIGNATURE	DATE 1/21/86

2/11

TANK AND LOCATION DATA

Packet B.

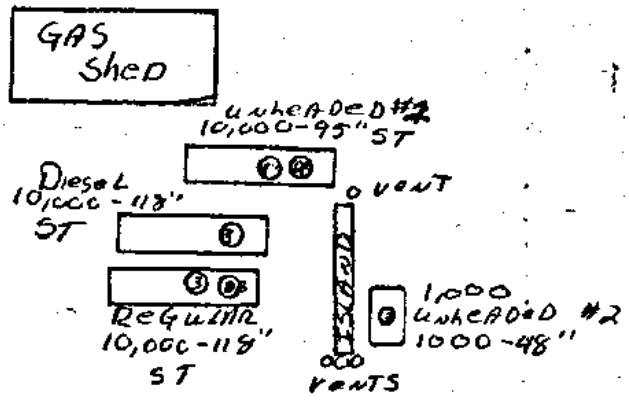
DATE: 11/21/86

CUSTOMER: United Concrete Pipe CITY: BALDWIN PARK

I.D. # STATE: CA

WEATHER	TIME	TEMPERATURE	COMMENTS
BEFORE TEST –			
AFTER TEST –			

SCHEMATIC:



	PRODUCT/TANK NO.	Unleaded #1		Unleaded #2		Regular		Diesel			
BEFORE DELIVERY	LEVEL	Fill FULL	Gauge	Fill FULL	Gauge	Fill FULL	Gauge	Fill FULL	Gauge	Fill	Gauge
	GALLONS	9990		1000		10010		10010			
	WATER	0		0		0		2"			
	TOP OF RISER	168		75		165		167			
	GRADE	164"		81		171		172			
	DROP TUBE	ALUM		ALUM		STEEL		N/A			
	CAPACITY, GALLONS	9975		1000		10,000		10,000			
	DIAMETER, INCHES	95"		48"		118"		118"			
	MATERIAL	ST		ST		ST		ST			
	PUMP TYPE	Bennett		Bennett		Bennett		Bennett			
	TYPE OF COVER	cmt		cmt		cmt		cmt			
	AGE OF TANK	40+		40+		40+		40+			
	SIPHON	N/A		N/A		N/A		N/A			
	TANK OPENINGS	2		1		1		2			
	EXTRACTORS	1		1		1		1			
VAPOR RECOVERY	TYPE	N/A		N/A		N/A		N/A			
	VENT CONFIGURATION	SINGLE		SINGLE		SINGLE		SINGLE			
	P-V VENT VALVE TYPE	N/A		N/A		N/A		N/A			

REPLACEMENT PARTS: PART # DESCRIPTION QUANTITY PRICE

ADDITIONAL CHARGES: (pumpovers, overtime, etc.)

HUNTER ENVIRONMENTAL SERVICES, INC.
115 DEWALT AVENUE, N.W.
SUITE 400
CANTON, OH 44702
216-453-1600 800-523-4370

FINAL REPORT
PDS
Rachel
TEST
RESULTS

leak lokator LD 2000

DATE OF TEST: 11/22/86
CONTRACT NUMBER:

CUSTOMER: UNITED CONCRETE PIPE
LOCATION – IDENTIFICATION NUMBER:
NAME:
ADDRESS: 14041 Live Oak Ave
CITY: BALDWIN PARK
STATE: CA

TEST RESULTS SUMMARY

	SYSTEM PRODUCT	TANK SIZE GALLONS	TANK SIZE DIA/MATL	WATER INCHES	LEAK LOKATOR RESULTS* LEVEL INCHES	LEAK LOKATOR RESULTS* ALR GPH	LEAK LOKATOR RESULTS* CONCLUSION	RECOMMENDATIONS	LEAK LOKATOR USE ONLY CONCL. CODE TEST	TANK	SYS
Ø	Fuel #1 Oil	10,000	95" / ST	N/A	136	-.030	TIGHT				
Ø	Fuel #2 Oil	10,000	95" / ST	N/A	141	-.019	TIGHT				
Ø	Fuel #3 Oil	10,000	95" / ST	N/A	127	+.038	TIGHT				
3	Regular Mixed	10,000	118" / ST	Ø	121	+.015	TIGHT				

OTHER INFORMATION:

PRODUCT LINES – HYDROSTATIC PRESSURE TEST RESULTS

SYSTEM NO.	SYSTEM PRODUCT	TYPE OF PUMP REMOTE	TYPE OF PUMP SUCTION	# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION RESULT

NOTE: On suction systems, NEVER put more than 15 psi on any pump system.

OTHER CONTRACTORS, OFFICIALS, CUSTOMER REPRESENTATIVES PRESENT:

DETAIL OF TEST RESULTS

NO.	SYSTEM PRODUCT	TEST NO.	TEST LEVEL (INCHES)	TIME CLOCK START	TIME DURATION HRS.-MIN.	LEAK RATE CC/DIV	LEAK RATE CC/MIN	TEMPERATURE COMPENSATION Δ °F	TEMPERATURE COMPENSATION CC/MIN	ABSOLUTE LEAK RATE CC/MIN	ABSOLUTE LEAK RATE GPH	CHECK TEST Y or N
Ø	Fuel Oil #1	1	136	8:15	0-25	1.216	-1.613	.004	.305	-1.918	-.030	N
Ø	Fuel Oil #2	1	141	8:50	0-24	1.322	-.826	.001	.072	-.898	-.014	N
Ø	Fuel Oil #3	1	127	9:20	0-33	1.645	2.681	.004	.290	2.391	.038	N
3	Regular Mixed	1	121	2:10	0-22	1.108	25.716	.004	27.764	.932	.015	Y

* LEVEL – INCHES FROM TANK BOTTOM TO TEST LEVEL
ALR – ABSOLUTE LEAK RATE (MEASURED LEAK RATE – TEMPERATURE COMPENSATION) IN GALLONS PER HOUR
CONCLUSION – NFPA 329 CRITERION OF ±0.05 GPH IS USED TO CERTIFY TIGHTNESS

CERTIFICATION This is to certify that the above described tank systems were tested, using the HUNTER ENVIRONMENTAL SERVICES, INC. LEAK LOKATOR according to all standard operating procedures. Those indicated as tight at full system meet the criterion established by the National Fire Protection Association Pamphlet 329 for Precision Testing.

TESTS CONDUCTED BY		CERTIFIED BY	
TEST VAN NO.	TANK TESTING SPECIALIST	SIGNATURE	DATE
V-4	TANK TESTING SPECIALIST	NAME / TITLE	

TANK AND LOCATION DATA

Rachel

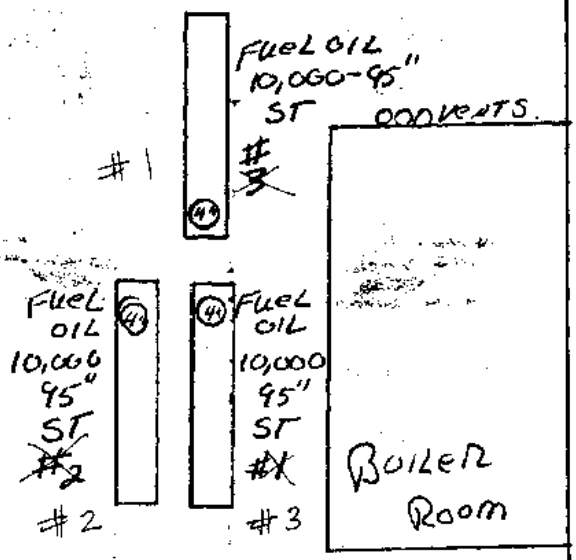
DATE: 1/22/86

CUSTOMER: UNITED CONCRETE PIPE CITY: BALDWIN PARK

I.D. # STATE: CA.

WEATHER	TIME	TEMPERATURE	COMMENTS
BEFORE TEST –			
AFTER TEST –			

SCHEMATIC:



	PRODUCT/TANK NO.	Fuel oil #1		Fuel oil #2		Fuel oil #3		Regular			
BEFORE DELIVERY	LEVEL	Fill Full	Gauge	Fill Full	Gauge	Fill Full	Gauge	Fill Full	Gauge	Fill	Gauge
	GALLONS	9990		9990		9990		10010			
	WATER	N/A		N/A		N/A		0			
	TOP OF RISER	142		148		129		165			
	GRADE	145		150		124		171			
	DROP TUBE	N/A		N/A		N/A		Steel			
	CAPACITY, GALLONS	9975		9975		9975		10,000			
	DIAMETER, INCHES	95"		95"		95"		118"			
	MATERIAL	ST		ST		ST		ST			
	PUMP TYPE	Blackmer		Blackmer		Blackmer		Bennett			
	TYPE OF COVER	CMT		CMT		CMT		CMT			
	AGE OF TANK	30+		30+		30+		40+			
	SIPHON	N/A		N/A		N/A		N/A			
	TANK OPENINGS	1		1		2		1			
	EXTRACTORS	1		1		1		1			
VAPOR RECOVERY	TYPE	N/A		N/A		N/A		N/A			
	VENT CONFIGURATION	SINGLE		SINGLE		SINGLE		SINGLE			
	P-V VENT VALVE TYPE	N/A		N/A		N/A		N/A			

REPLACEMENT PARTS: PART # DESCRIPTION QUANTITY PRICE

ADDITIONAL CHARGES: (pumpovers, overtime, etc.)

HUNTER ENVIRONMENTAL SERVICES, INC.
175 DEWALT AVENUE, N.W.
SUITE 400
CANTON, OH 44702
216-453-1800 800-523-4370

FINAL REPORT
1 PDI
Rachel B.
TEST
RESULTS

2/11

leak lokator

DATE OF TEST 1/21/86
CONTRACT NUMBER

CUSTOMER: United Concrete Pipe
LOCATION – IDENTIFICATION NUMBER:
NAME:
ADDRESS: 14041 Live Oak Ave
CITY: Baldwin Park
STATE: CA

TEST RESULTS SUMMARY

	SYSTEM PRODUCT	TANK SIZE GALLONS	TANK SIZE DIA/MATL	WATER INCHES	LEAK LOKATOR RESULTS* LEVEL INCHES	ALR GPH	CONCLUSION	RECOMMENDATIONS	LEAK LOKATOR USE ONLY CONCL. CODE TEST	TANK	SYS
2	Low #1 unleaded	10,000	95" ST	0	174	-.303	LEAK	TANK 4			
					102	+.038	TIGHT				
2	Low #2 unleaded	1,000	48" ST	0	87	-.003	TIGHT	TANK 7			
3	Regular leaded	10,000	118" ST	0	176	-.240	LEAK	TANK 6			
4	Diesel	10,000	118" ST	1"	ST. 169 Wi 14" Gc MIN AT=.08	R+D 135	LEAK	TANK 5			
					120	-.014	TIGHT				

OTHER INFORMATION: Could not test Regular due to bent fill pipe and steel drop tube.

PRODUCT LINES – HYDROSTATIC PRESSURE TEST RESULTS

NO.	SYSTEM PRODUCT	TYPE OF PUMP REMOTE	TYPE OF PUMP SUCTION	# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION/ RESULT

NOTE: On suction systems, NEVER put more than 15 psi on any pump system.

OTHER CONTRACTORS, OFFICIALS, CUSTOMER REPRESENTATIVES PRESENT:

DETAIL OF TEST RESULTS

NO.	SYSTEM PRODUCT	TEST NO.	TEST LEVEL (INCHES)	TIME CLOCK START	TIME DURATION HRS.-MIN.	LEAK RATE CC/DIV	LEAK RATE CC/MIN	TEMPERATURE COMPENSATION Δ °F	TEMPERATURE COMPENSATION CC/MIN	ABSOLUTE LEAK RATE CC/MIN	ABSOLUTE LEAK RATE GPH	CHECK TEST Y or N
2	Low unleaded	1	174	10:26	0-19	1.31	-23.319	-.010	-4.185	-19.135	-.303	Y
		2	102	12:40	0-20	2.122	9.124	.016	6.695	2.429	.038	Y
2	Low unleaded	1	87	8:10	0-19	.644	-.161	.001	.042	-.203	-.003	N
3	Regular leaded	1	176	8:40	0-28	1.627	-7.752	.017	7.375	-15.127	-.240	Y
4	Diesel	1	169 Wi	9:51	1-0	SCC 4 MIN 4/6		.012				
		2	120	11:00	0-19	7.291	4.562	.019	5.443	-.881	-.014	Y

* LEVEL – INCHES FROM TANK BOTTOM TO TEST LEVEL
ALR – ABSOLUTE LEAK RATE (MEASURED LEAK RATE – TEMPERATURE COMPENSATION) IN GALLONS PER HOUR
CONCLUSION – NFPA 329 CRITERION OF ±0.05 GPH IS USED TO CERTIFY TIGHTNESS

CERTIFICATION: This is to certify that the above described tank systems were tested, using the HUNTER ENVIRONMENTAL SERVICES, INC. LEAK LOKATOR according to all standard operating procedures. Those indicated as tight at full system meet the criterion established by the National Fire Protection Association Pamphlet 329 for Precision Testing.

TESTS CONDUCTED BY		CERTIFIED BY	
TEST VAN NO.	TANK TESTING SPECIALIST	SIGNATURE	DATE
	[illegible]	[illegible]	1/21/86

TANK AND LOCATION DATA

Pocket B.

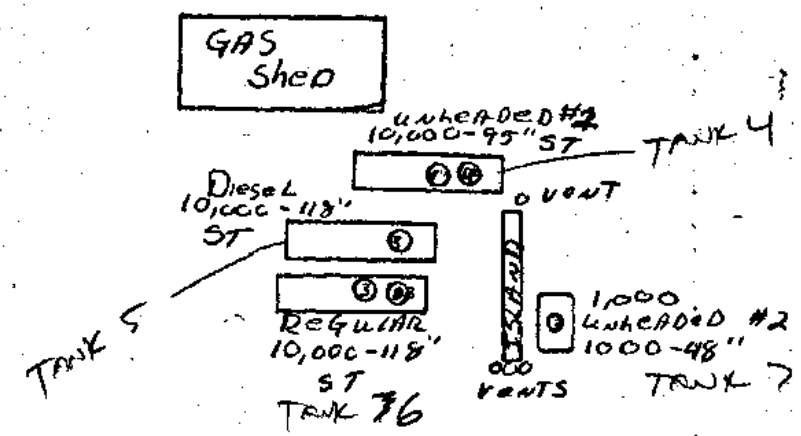
DATE: 1/21/86

CUSTOMER: United Concrete Pipe CITY: Baldwin Park

I.D. # _____ STATE: CA

WEATHER	TIME	TEMPERATURE	COMMENTS
BEFORE TEST –			
AFTER TEST –			

SCHEMATIC:



	PRODUCT/TANK NO.	UNLEADED #1		UNLEADED #3		REGULAR		Diesel			
BEFORE DELIVERY	LEVEL	Fill FULL	Gauge	Fill FULL	Gauge	Fill FULL	Gauge	Fill FULL	Gauge	Fill	Gauge
	GALLONS	9990		1000		10010		10010			
	WATER	0		0		0		2"			
	TOP OF RISER	168		75		165		167			
	GRADE	164		81		171		172			
	DROP TUBE	ALUM		ALUM		STEEL		N/A			
	CAPACITY, GALLONS	9975		1000		10,000		10,000			
	DIAMETER, INCHES	95"		48"		118"		118"			
	MATERIAL	ST		ST		ST		ST			
	PUMP TYPE	Bennett		Bennett		Bennett		Bennett			
	TYPE OF COVER	cmt		cmt		cmt		cmt			
	AGE OF TANK	40+		40+		40+		40+			
	SIPHON	N/A		N/A		N/A		N/A			
	TANK OPENINGS	2		1		1		2			
	EXTRACTORS	1		1		1		1			
VAPOR RECOVERY	TYPE	N/A		N/A		N/A		N/A			
	VENT CONFIGURATION	SINGLE		SINGLE		SINGLE		SINGLE			
	P-V VENT VALVE TYPE	N/A		N/A		N/A		N/A			

REPLACEMENT PARTS: PART # DESCRIPTION QUANTITY PRICE

ADDITIONAL CHARGES: (pumpovers, overtime, etc.) _____

HUNTER
ENVIRONMENTAL SERVICES, INC.
115 DEWALT AVENUE, N.W.
SUITE 400
CANTON, OH 44702
216-453-1800 800-523-4370

FINAL REPORT
copy 209 Rachel
TEST
RESULTS

leak lokator LD 2000

DATE OF TEST 1/22/86
CONTRACT NUMBER

CUSTOMER: United Concrete Pipe
LOCATION – IDENTIFICATION NUMBER | NAME
ADDRESS: 14041 Live Oak Ave | CITY: Baldwin Park | STATE: CA

TEST RESULTS SUMMARY

	SYSTEM PRODUCT	TANK SIZE GALLONS	TANK SIZE DIA/MATL	WATER INCHES	LEAK LOKATOR RESULTS* LEVEL INCHES	ALR GPH	CONCLUSION	RECOMMENDATIONS	LEAK LOKATOR USE ONLY CONCL. CODE TEST	TANK	SYS
Ø	Fuel #1 Oil	10,000	95" ST	N/A	136	-.030	TIGHT	TANK # 1			
Ø	Fuel #2 Oil	10,000	95" ST	N/A	141	-.014	TIGHT	TANK # 2			
Ø	Fuel #3 Oil	10,000	95" ST	N/A	127	+.038	TIGHT	TANK # 3			
3	Regular Leaded	10,000	118" ST	Ø	121	+.015	TIGHT	TANK 6			

OTHER INFORMATION

PRODUCT LINES – HYDROSTATIC PRESSURE TEST RESULTS

NO.	SYSTEM PRODUCT	TYPE OF PUMP REMOTE	TYPE OF PUMP SUCTION	# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION/ RESULT

NOTE: On suction systems, **NEVER** put more than 15 psi on any pump system.

OTHER CONTRACTORS, OFFICIALS, CUSTOMER REPRESENTATIVES PRESENT

DETAIL OF TEST RESULTS

NO.	SYSTEM PRODUCT	TEST NO.	TEST LEVEL (INCHES)	TIME CLOCK START	TIME DURATION HRS.-MIN.	LEAK RATE CC/DIV	LEAK RATE CC/MIN	TEMPERATURE COMPENSATION Δ °F	TEMPERATURE COMPENSATION CC/MIN	ABSOLUTE LEAK RATE CC/MIN	ABSOLUTE LEAK RATE GPH	CHECK TEST Y OR N
Ø	Fuel Oil #1	1	136	8:15	0-25	1.216	-1.613	.004	.305	-1.918	-.030	N
Ø	Fuel Oil #2	1	141	8:50	0-24	1.322	-.826	.001	.072	-.898	-.014	N
Ø	Fuel Oil #3	1	127	9:20	0-33	1.685	2.681	.004	.290	2.391	.038	N
3	Regular Leaded	1	121	2:10	0-22	0.108	25.716	.064	27.764	.932	.015	Y

* LEVEL – INCHES FROM TANK BOTTOM TO TEST LEVEL
ALR – ABSOLUTE LEAK RATE (MEASURED LEAK RATE – TEMPERATURE COMPENSATION) IN GALLONS PER HOUR
CONCLUSION – NFPA 329 CRITERION OF ±0.05 GPH IS USED TO CERTIFY TIGHTNESS

CERTIFICATION This is to certify that the above described tank systems were tested, using the HUNTER ENVIRONMENTAL SERVICES, INC. LEAK LOKATOR according to all standard operating procedures. Those indicated as tight at full system meet the criterion established by the National Fire Protection Association Pamphlet 329 for Precision Testing.

TESTS CONDUCTED BY		CERTIFIED BY	
TEST VAN NO.	TANK TESTING SPECIALIST	SIGNATURE	DATE
4-4	TANK TESTING SPECIALIST	NAME	TITLE

TANK AND LOCATION DATA

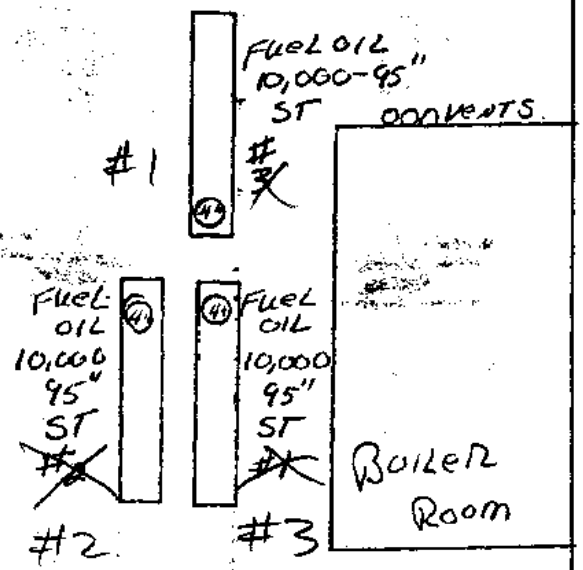
Rocket DATE: 1/22/86

CUSTOMER: UNITED CONCRETE PIPE CITY: BALDWIN PARK

I.D. # _____ STATE: CA.

WEATHER	TIME	TEMPERATURE	COMMENTS
BEFORE TEST –			
AFTER TEST –			

SCHEMATIC:



	PRODUCT/TANK NO.	Fuel Oil #1		Fuel Oil #2		Fuel Oil #3		Regular			
BEFORE DELIVERY	LEVEL	Fill FULL	Gauge	Fill FULL	Gauge	Fill FULL	Gauge	Fill FULL	Gauge	Fill	Gauge
	GALLONS	9990		9990		9990		10010			
	WATER	N/A		N/A		N/A		0			
	TOP OF RISER	142		148		129		165			
	GRADE	145		150		124		171			
	DROP TUBE	N/A		N/A		N/A		Steel			
	CAPACITY, GALLONS	9975		9975		9975		10,000			
	DIAMETER, INCHES	95"		95"		95"		118"			
	MATERIAL	ST		ST		ST		ST			
	PUMP TYPE	Blackmyer		Blackmyer		Blackmyer		Bennett			
	TYPE OF COVER	CMT		CMT		CMT		CMT			
	AGE OF TANK	30+		30+		30+		40+			
	SIPHON	N/A		N/A		N/A		N/A			
	TANK OPENINGS	1		1		1		1			
	EXTRACTORS	1		1		1		1			
VAPOR RECOVERY	TYPE	N/A		N/A		N/A		N/A			
	VENT CONFIGURATION	Single		Single		Single		Single			
	P-V VENT VALVE TYPE	N/A		N/A		N/A		N/A			

REPLACEMENT PARTS: PART # DESCRIPTION QUANTITY PRICE

ADDITIONAL CHARGES: (pumpovers, overtime, etc.)

PROVISIONAL
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

PERMIT NO. 157

EXPIRATION DATE OCT 12 1987

PERMISSION IS HEREBY GRANTED UNDER LACC TITLE 11, DIVISION 4 TO:

[illegible]	<<<<<<<< FILE NUMBER
[illegible]	<<<<<<<< PERMITTEE
[illegible]	
[illegible]	<<<<<<<< FACILITY ADDRESS

TO STORE HAZARDOUS MATERIALS IN UNDERGROUND TANK(S) LOCATED AT THE FACILITY ABOVE.

NUMBER OF PERMITTED TANKS: 6

THIS PROVISIONAL PERMIT IS SUBJECT TO THE FOLLOWING REQUIREMENTS:

PART A — GENERAL CONDITIONS AND LIMITATIONS (ATTACHED).

PART B — AUTHORIZED HAZARDOUS MATERIAL STORAGE TANKS (ATTACHED).

PART C — SPECIFIC CONDITIONS AND LIMITATIONS:

1. THE PERMITTEE SHALL SUBMIT FOR APPROVAL AND IMPLEMENT A LEAK DETECTION PROGRAM (LDP) AND A TANK MONITORING PROGRAM (TMP) PREPARED IN ACCORDANCE WITH "UNDERGROUND STORAGE OF HAZARDOUS MATERIALS - GUIDELINES FOR EXISTING FACILITIES, OCTOBER 1986."

2. THE FOLLOWING TIME SCHEDULE SHALL APPLY TO SUBMITTALS REQUIRED BY THIS PROVISIONAL PERMIT:

   a. PERMIT FEE DUE BY (SEE INVOICE) To Be Billed

   b. TANK INTEGRITY TEST RESULTS DUE BY JUL 10 1987

   c. PROPOSALS FOR LDP AND TMP DUE BY JUL 10 1987

3. PERMIT EFFECTIVE DATE 3/1/85
   NOTE: THE EFFECTIVE DATE IS DETERMINED BY ORIGINAL DATE OF PERMIT APPLICATION.

PART D — SPECIAL CONDITIONS AND LIMITATIONS ATTACHED. YES [X] NO [ ]

This Provisional Permit is valid only for the continued operation of tanks providing suitable storage and expires six (6) months from the date of issue. Permittee has until the expiration date to complete an approved LDP and to install and be in compliance with an approved TMP. Upon full compliance with the approved LDP and TMP and all other conditions and limitations, this Provisional Permit will be replaced by a full term Operational Permit for the remainder of the unexpired five (5) year term from the effective date unless otherwise noted in Part D above.

T. A. TIDEMANSON
DIRECTOR OF PUBLIC WORKS

BY [signature] APR 10 1987
WASTE MANAGEMENT DIVISION

PP801 10/86

PART D -- SPECIAL CONDITIONS AND LIMITATIONS
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT NO. 157

1. Permittee shall provide certification by an authorized independent technician that the monitoring system is installed and operational before the expiration of this Provisional Permit. The technician shall be certified by the manufacturer of the monitoring system to install, calibrate, service and inspect the monitoring system.

2. Monitoring system installation shall comply with all local fire, building, mechanical and electrical code and permit requirements.

PART B — TANK DATA
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT NO. 157

AUTHORIZED HAZARDOUS MATERIAL STORAGE TANKS

TANK NUMBER	CAPACITY (GALLONS)	CONTENTS
3	10,000	#2 Fuel Oil
4	10,000	Unleaded Gasoline
5	10,000	Diesel
6	10,000	Gasoline
8	500	Waste Oil
9	10,000 (dbl wall)	Diesel

PROVISIONAL
HAZARDOUS MATERIALS UNDERG JND STORAGE PERMIT
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

PERMIT - 157

EXPIRATION DATE_

PERMISSION IS HEREBY GRANTED UNDER LACC TITLE 11, DIVISION 4 TO:

[illegible] <<<<<<<< FILE NUMBER
[illegible] <<<<<<<< PERMITTEE
[illegible]

[illegible] <<<<<<<< FACILITY ADDRESS

TO STORE HAZARDOUS MATERIALS IN UNDERGROUND TANK(S) LOCATED AT THE FACILITY ABOVE.

NUMBER OF PERMITTED TANKS: 6

THIS PROVISIONAL PERMIT IS SUBJECT TO THE FOLLOWING REQUIREMENTS:

PART A — GENERAL CONDITIONS AND LIMITATIONS (ATTACHED).

PART B — AUTHORIZED HAZARDOUS MATERIAL STORAGE TANKS (ATTACHED).

PART C — SPECIFIC CONDITIONS AND LIMITATIONS:

1. THE PERMITTEE SHALL SUBMIT FOR APPROVAL AND IMPLEMENT A LEAK DETECTION PROGRAM (LDP) AND A TANK MONITORING PROGRAM (TMP) PREPARED IN ACCORDANCE WITH "UNDERGROUND STORAGE OF HAZARDOUS MATERIALS - GUIDELINES FOR EXISTING FACILITIES, OCTOBER 1986."

2. THE FOLLOWING TIME SCHEDULE SHALL APPLY TO SUBMITTALS REQUIRED BY THIS PROVISIONAL PERMIT:

   a. PERMIT FEE DUE BY (SEE INVOICE) To Be Billed

   b. TANK INTEGRITY TEST RESULTS DUE BY ~~JUL 10 1987~~ N/A Rec'd

   c. PROPOSALS FOR LDP AND TMP DUE BY JUL 10 1987

3. PERMIT EFFECTIVE DATE 3/1/85
   NOTE: THE EFFECTIVE DATE IS DETERMINED BY ORIGINAL DATE OF PERMIT APPLICATION.

PART D — SPECIAL CONDITIONS AND LIMITATIONS ATTACHED. YES [x] NO [ ]

This Provisional Permit is valid only for the continued operation of tanks providing suitable storage and expires six (6) months from the date of issue. Permittee has until the expiration date to complete an approved LDP and to install and be in compliance with an approved TMP. Upon full compliance with the approved LDP and TMP and all other conditions and limitations, this Provisional Permit will be replaced by a full term Operational Permit for the remainder of the unexpired five (5) year term from the effective date unless otherwise noted in Part D above.

T. A. TIDEMANSON
DIRECTOR OF PUBLIC WORKS

BY [signature] APR 10 1987
WASTE MANAGEMENT DIVISION

PP801 10/86

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT

PART A — GENERAL CONDITIONS AND LIMITATIONS

TERM OF PERMIT

1. The combined provisional and full term operational permits shall be valid for a maximum period of five (5) years from the effective date. However, if the Department of Public Works (DPW) finds that the life expectancy of a facility is less than five (5) years, the DPW may adjust the term of the permit to reflect such a condition.

FEES

2. All fees shall be due and payable on the billing date established by the DPW. Fees not paid within 30 calendar days from the billing date shall be considered delinquent. Delinquent fees shall be subject to a 10 percent penalty fee for each 30 day period beyond the billing date that the fee is due. Permits for which the annual permit fee installment is delinquent for 90 days or more are subject to suspension.

REPORTS AND RECORDS

3. At least annually and due by the anniversary of the effective date of this permit, a written report must be submitted to the Department of Public Works, Waste Management Division, P.O. Box 4089 Terminal Annex, Los Angeles, CA 90051 detailing (but not limited to) the following:

   a. Any changes in the type of hazardous materials stored within the facility.

   b. Any changes in the uses of the underground facility.

   c. Changes or modifications to monitoring procedure.

   d. A detailed account of any unauthorized discharges, and the remedial measures employed.

   e. Any modifications to the facility except for routine required maintenance.

   In the event there has been no change of operation nor unauthorized release, a negative declaration to that effect may be submitted.

   The report or negative declaration shall be certified by the permittee or an authorized representative who is responsible for operations at the facility.

   This report is required by local agencies to satisfy Section 25286(c) of the State of California Health and Safety Code. A report form will be made available to owners and operators to comply with this requirement. The report shall be delinquent 30 days after its due date and as such may result in suspension or revocation of the permit.

4. Every permittee shall provide testing, monitoring (if applicable), and inspections in compliance with this permit and shall maintain records adequate to demonstrate compliance therewith.

5. All required records shall be maintained by the permittee and made available for inspection for a period of time not less than three (3) years from the date of the required annual report for the year during which the testing, monitoring or inspection was performed. Said records shall be made available to the DPW, County Health Officer or Forester and Fire Warden during normal working hours and at any time upon reasonable notice.

RENEWALS AND EXTENSIONS

6. If this is a provisional permit, it may be extended to a maximum of one (1) additional year upon written application stating the reasons for such a request and upon approval by the Director of Public Works.

7. Every application for the renewal of a operational permit or extension of a provisional permit shall be made at least 30 days prior to the expiration date of such permit. If a timely application for renewal has been submitted, the permit shall remain in effect until the DPW has made a decision and any administrative appeal has been exhausted.

APPEALS

8. Any person dissatisfied with the decision of the DPW may appeal the decision, in writing, to the Appeals Board, setting forth with particularity the ground or grounds for the appeal. Such appeal shall be submitted within 30 days after notice of the decision has been given.

ADDITIONAL APPROVALS AND REPAIRS

9. Additional approvals shall be required for any of the following actions:

   a. Tank repair.

   b. Modifications.

   c. Change or addition of hazardous materials stored.

   d. Change of approved monitoring system.

10. Procedures for an application for a permit shall also apply to an application for an additional approval. Each application for an additional approval shall be accompanied by the appropriate fee and supporting information.

11. Any substantial modification or repair of a facility other than minor repairs or emergency repairs shall be in accordance with plans to be submitted to the DPW as an additional approval.

12. Permittee shall carry out routine maintenance, ordinary upkeep and minor repairs in a careful and safe manner. No permit will be required for such maintenance, upkeep and repairs.

13. Permittee may make emergency repairs to a facility in advance of seeking an additional approval whenever an immediate repair is required to prevent or contain an unauthorized discharge or to protect the integrity of the containment. However, within five (5) working days after such emergency repairs have been started, permittee shall seek additional approval by submitting drawings or other information adequate to describe the repairs to the DPW.

CLOSURES, DECONTAMINATION AND NEW CONSTRUCTION

14. Replacement of tanks at an existing facility shall be considered a closure of the tanks to be replaced and a new installation of tanks, and all fees shall be assessed accordingly.

15. No tank shall be abandoned. Tanks which are temporarily out of service, and are intended to be returned to use, must continue to be monitored and inspected. Any tank which is not being monitored and inspected must be closed or removed in a manner approved by the DPW.

16. Prior to any permanent or temporary closures being initiated, an Application for Closure form, the appropriate fee and required supporting information shall be filed with the DPW.

17. Plans for the decontamination of a facility shall be submitted to the DPW for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies include the California Regional Water Quality Control Board, the Los Angeles County Department of Health Services and the South Coast Air Quality Management District.

18. The installation of a new tank shall require submittal to the DPW of an application for new construction, the appropriate new construction plan clearance fee and supporting information as required by the DPW.

TRANSFERS

19. A Hazardous Materials Underground Storage Permit may be transferred to a new owner of the same facility provided:

   a. The new owner accepts full responsibility for all obligations under this permit at the time of the transfer of the facility.

   b. The transfer shall be documented on a form provided by the DPW within 30 days of transfer of ownership.

   c. The appropriate fee is paid.

UNAUTHORIZED DISCHARGES

20. As soon as any person in charge of a facility or responsible for emergency response for a facility has knowledge of any confirmed or unconfirmed unauthorized discharge of a hazardous material, such person shall take all necessary steps to ensure the discovery, containment, and cleanup of such discharge and shall notify the DPW of the occurrence as required.

21. Any owner or operator who has knowledge of a confirmed unauthorized discharge shall immediately notify the DPW.

22. Within the jurisdiction of the Los Angeles County Fire Department, an unauthorized discharge shall also be reported to the Los Angeles County Forester and Fire Warden, Fire Prevention and Conservation Bureau.

23. The permittee shall institute and complete all actions necessary to remedy the effects of any unauthorized discharge, whether sudden or gradual, and supply information on such actions to the DPW.

24. The continued use of, and permit approval for, existing facilities is subject to review and modification or termination by the DPW whenever there has been any unauthorized discharge. In determining whether continued underground storage in such facility is suitable, the DPW shall consider the age of the facility, the methods of containment, the methods of monitoring, the feasibility of the required retrofit, the concentration of the hazardous materials contained, the severity of potential unauthorized discharge and the suitability of other long term preventive measures.

EVALUATIONS AND INSPECTIONS

25. Whenever the approval or satisfaction of the DPW may be required for a design, monitoring, testing or other technical submittal by a permittee, the DPW may require such permittee, at the permittee's sole cost and expense, to retain a suitable qualified independent engineer, chemist or other appropriate professional consultant acceptable to the DPW, for the purpose of evaluating and rendering a professional opinion respecting the adequacy of such submittal.

26. The DPW may conduct inspections for the purpose of ascertaining compliance by the permittee and effecting corrections of any conditions which would constitute any violation of any statute, code, rule or regulation affecting the underground storage of hazardous materials.

27. Whenever necessary for the purpose of investigation or enforcement, or whenever a representative of the DPW, County Health Officer, or Forester and Fire Warden has reasonable cause to believe that there exists in any structure or upon any premises any condition which constitutes a violation, said representative may enter such structure or premises at all reasonable times to inspect the same, or to perform any duty imposed by law.

28. The permittee shall conduct regular inspections of the facility to assure compliance with this permit and shall maintain logs or file reports in accordance with this permit.

29. The DPW may require the periodic employment of special inspectors to conduct an audit or assessment of permittee's facility to make a hazardous material safety evaluation and to determine compliance.

30. Permittee shall, within 30 days of said evaluation, file with the DPW a plan to implement all recommendations, or shall demonstrate to the satisfaction of the DPW why such recommendations shall not be implemented.

31. The DPW may require that any regular or special inspection by the permittee be made in the presence of a representative of the DPW. The DPW may further require advance notice of not less than 72 hours as to the availability of equipment, material and personnel required to conduct such inspections.

SUSPENSIONS AND REVOCATIONS

32. This permit is subject to suspension or revocation if conditions exist which would justify denial of a permit or if permittee fails to correct unsatisfactory conditions.

33. Failure to adhere to all applicable conditions and limitations of this permit shall constitute a willful violation of Title 11, Division 4 of the Los Angeles County Code and may result in civil or criminal penalties, revocation of this permit, or both.

PART B — TANK DATA
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT NO. 157

AUTHORIZED HAZARDOUS MATERIAL STORAGE TANKS

TANK NUMBER	CAPACITY (GALLONS)	CONTENTS
~~1~~	10,000	~~#2 Fuel Oil~~ DIESEL
4	10,000	Unleaded Gasoline
~~2~~	10,000	Diesel
~~3~~	10,000	~~Gasoline~~ DIESEL
8	500	Waste Oil (open Sump)
9	10,000 (dbl wall)	Diesel

PART D -- SPECIAL CONDITIONS AND LIMITATIONS
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT NO. 157

1. Permittee shall provide certification by an authorized independent technician that the monitoring system is installed and operational before the expiration of this Provisional Permit. The technician shall be certified by the manufacturer of the monitoring system to install, calibrate, service and inspect the monitoring system.

2. Monitoring system installation shall comply with all local fire, building, mechanical and electrical code and permit requirements.

UNITED CONCRETE PIPE
A DIVISION OF U.S. PIPE AND FOUNDRY CO.
P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

63 H

RECEIVED
MAY 14 1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

850.16
I-512

April 24, 1987

Circulate & Return to General Files				
Info		Init	Info	Init
	Admin Serv		Mapping/Prop Mgmt	
	Aviation		Operational Serv	
	Build & Safety		Personnel Mgmt	
	Bus & Finance		Planning	
	Construction		Programs Dev	
	Design		Public Affairs/Adv	
✓	Eng Serv		Road Maint	
	Flood Maint		Survey	
	Hyd/Wtr Con		Traffic & Lighting	
	Info Serv		Waterwks/Sewer Maint	
	Land Develop			

Ofori Amoah
County of Los Angeles
Department of Public Works
Engineering Services Division
1540 Alcazar Street
Los Angeles, CA 90033

REF: PROVISIONAL PERMIT NO. 157

Per our conversation, tank integrity tests were forwarded to you on March 5, 1987 to comply with Provisional Permit Part C.1.b., due by July 10, 1987. We plan to have the LDP & TMP submitted to you by June, 1987. In addition, some tanks are mis-numbered in Part B that should be corrected as follows. Please refer to the enclosed Plant Plot Plan if required.

TANK NUMBER	CAPACITY	CONTENTS
~~1~~	10,000 GAL ✓ closed	Diesel
2	10,000 GAL ✓	Diesel
~~3~~	10,000 GAL ✓	Diesel
4	10,000 GAL — remain	Unleaded Gasoline
5	Closed	Permit #1292B, 2236B
6	Closed	Permit #1292B, 2236B
7	Closed	Permit #1292B, 2236B
8	500 GAL — remain	Waste Oil
9 → Remain	10,000 GAL (DBL Wall)	Diesel

Same 'Fee' permit renewed

C0670220

T.I.T. EXEMPT DUE TO EXPEDIENCY FOR LDP/TMP COMPLETION — IS OPEN SUMP

Sincerely,

F.C. Gobler
Principal Mechanical Engineer

FCG:lm

Enc 1

OK
702022

HydroSolutions of California, Inc.
P.O. Box 11531 • Costa Mesa, CA 92627 • (714) 759 - 3464

July 31, 1987

Los Angeles County Department of Public Works
1540 Alcazar Street
Los Angeles, California 90033

SUBJECT: TRANSMITTAL
UGST SITE INTEGRITY & MONITOR NETWORK PLANS
DRAIN OIL SUMP AND VEHICLE FUELING AREA

RRSP: 87045-01-04

Dear Blair:

Enclosed, please find the final copy of the UGST Monitoring Program for the Vehicle Fueling Area (RRSP: 87045-01-01) and the Leak Detection Program for the Drain Oil Sump (RRSP: 87044-01-01). Looking forward to proceeding with compliance.

Respectfully submitted,

Stephen J. Baker
Project Manager

C637162

(4) 38

RECEIVED
AUG 04 1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

UNDERGROUND STORAGE TANK MONITORING PROGRAM

VEHICLE FUELING AREA

UNITED CONCRETE PIPE
14041 LIVE OAK AVENUE
POST OFFICE BOX 429
BALDWIN PARK, CALIFORNIA 91706



Prepared for:
Rudy's Service Station Equipment Maintenance, Inc.
2017 Seaman Avenue
South El Monte, California 91733

Prepared by:
HydroSolutions of California, Inc.
Pacific Plaza
234 East 17th Street, Suite 206
P.O. Box 11531
Costa Mesa, California 92627

RRSP: 87045-01-01

August, 1987

UNDERGROUND STORAGE TANK MONITORING PROGRAM

VEHICLE FUELING AREA

UNITED CONCRETE PIPE
14041 LIVE OAK AVENUE
POST OFFICE BOX 429
BALDWIN PARK, CALIFORNIA 91706

I-593

Prepared for:
Rudy's Service Station Equipment Maintenance, Inc.
2017 Seaman Avenue
South El Monte, California 91733

Prepared by:
HydroSolutions of California, Inc.
Pacific Plaza
234 East 17th Street, Suite 206
P.O. Box 11531
Costa Mesa, California 92627

RRSP: 87045-01-01

August, 1987

TABLE OF CONTENTS

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Monitoring Alternative 2

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Sensors and Control Box 5

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Figure 1. Site Location Map
Figure 2. Monitor Well Location Map
Figure 3. Well Completion

INTRODUCTION

As required by Los Angeles County Department of Public Works, Waste Management Division (LACDPW), United Concrete Pipe Company submits this work plan for compliance of the underground storage tank (UGST) monitoring requirements for existing facilities.

The facility is located at 14041 Live Oak Avenue, Baldwin Park, California (figure 1). United Concrete Pipe Company is currently a concrete pipe manufacturing facility and has been active on this property for approximately fifty (50) years. As a part of the manufacturing process, several underground storage tank facilities have been installed on the property. The monitoring program described in this workplan is proposed for the vehicle fueling area (figure 2).

The vehicle fueling area consists of one (1) single walled steel tank containing unleaded fuel and one (1) double walled fiberglass tank storing diesel. According to United Concrete Pipe personnel, no other materials are known to have been stored in these tanks.

Recently, the diesel fuel tank was installed. A continuous monitoring device operating within the annulus of the tank walls

(Leak Alert Model LA-04) has been installed as required by Los Angeles County Department of Public Works (Rudy's Service Station Equipment & Maintenance Co.). Monitoring of the single walled tank is described in this workplan.

MONITORING ALTERNATIVE

Vadose zone monitoring (vapor) has been chosen as the method for meeting the regulatory requirement. The vadose zone monitoring wells shall be placed as close to the tank as possible. Unless otherwise stated by the LACDPW, in writing, demonstration using a tracer substance to determine the actual detection capabilities of the installed system will not be necessary.

The tank monitoring program (TMP) and the leak detection program (LDP) will be completed simultaneously.

GROUNDWATER DEPTH

Los Angeles Flood Control records were examined for the existence of groundwater and wells at the monitoring site. A well located on the United Concrete Pipe Company property (1S/11W-06P) indicated shallowmost groundwater depth at the time of construction to be approximately 170 feet. More recent data was not available to HydroSolutions of California, Inc. (HSCI).

Alluvial deposits characterize the entire site and adjacent properties. This is easily depicted by gravel pits throughout the area and the San Gabriel River which flows adjacent the west side of the property. The Santa Fe Spillway Dam and channel border the northern perimeter of United Concrete Pipe, thus acting as an intermittent recharge area of the shallowmost groundwater system. Seasonal changes in surface water flow may also result in large fluctuations in groundwater table elevation. Commonly, alluvial deposits may consist of fine grained sediment deposited discontinuously in isolated areas of the alluvium. This could result in local perched groundwater conditions.

Due to the unknown depth of groundwater directly beneath the tank system, HSCI proposes to drill one (1) forty foot boring as stated in Section 3.8.2.b.(1). If groundwater is not encountered, the boring will be backfilled with a sand/bentonite mixture to fifteen (15) feet and completed as a vadose zone well.

MONITORING NETWORK

The monitoring network will consist of two (2) fifteen foot deep monitor wells. Due to the tank size being greater than 1,000 gallons, wells will be installed on opposite sides of the major and minor axis of the tanks, figure 2. Four (4) inch diameter PVC pipe (threaded) is proposed, figure 3. The monitoring well casing will be perforated (0.02 inch slot size) from fifteen (15) to

five (5) feet below groundsurface. Plain casing will be from five feet to groundsurface. A #3 Monterey sand will be utilized as a gravel pack to one (1) foot above the zone of perforations. The remainder of the annulus will be grouted.

FIELD PROGRAM

Borings will be drilled with a ten (10) inch diameter continuous-flight hollow stem auger. A four (4) inch diameter monitor wells will be constructed from each boring. Drilling tools will be thoroughly cleaned with a steam cleaner prior to initiating each boring. Soil samples will be collected with a two (2) inch ID split spoon sampler. Sampling depths will be 5, 10, 20, 30, and 40 feet, respectfully. Two (2) samples will be collected from each depth interval in brass tubes, which are wrapped on the ends with aluminum foil, capped with a PVC cap, taped, and labeled. The sampler and brass tubes will be decontaminated prior to each sampling event. This is accomplished by a soap and water wash, water rinse, and hexane bath, followed by a distilled water rinse. All samples are then stored at reduced temperature in an ice chest and delivered to the laboratory at the end of the day. Standard chain-of-custody forms will accompany all soil samples.

All soil samples will be classified by the Unified Classification System. Field and interpretive work will be completed under the

supervision of a California Certified Geologist.

LABORATORY ANALYSIS

Samples from each boring will be composited at the laboratory and analyzed for total petroleum hydrocarbons by the Modified EPA Method 8015 (TPH). One composited sample will be analyzed from each boring (5, 10, 20, 30, and 40 foot depth intervals).

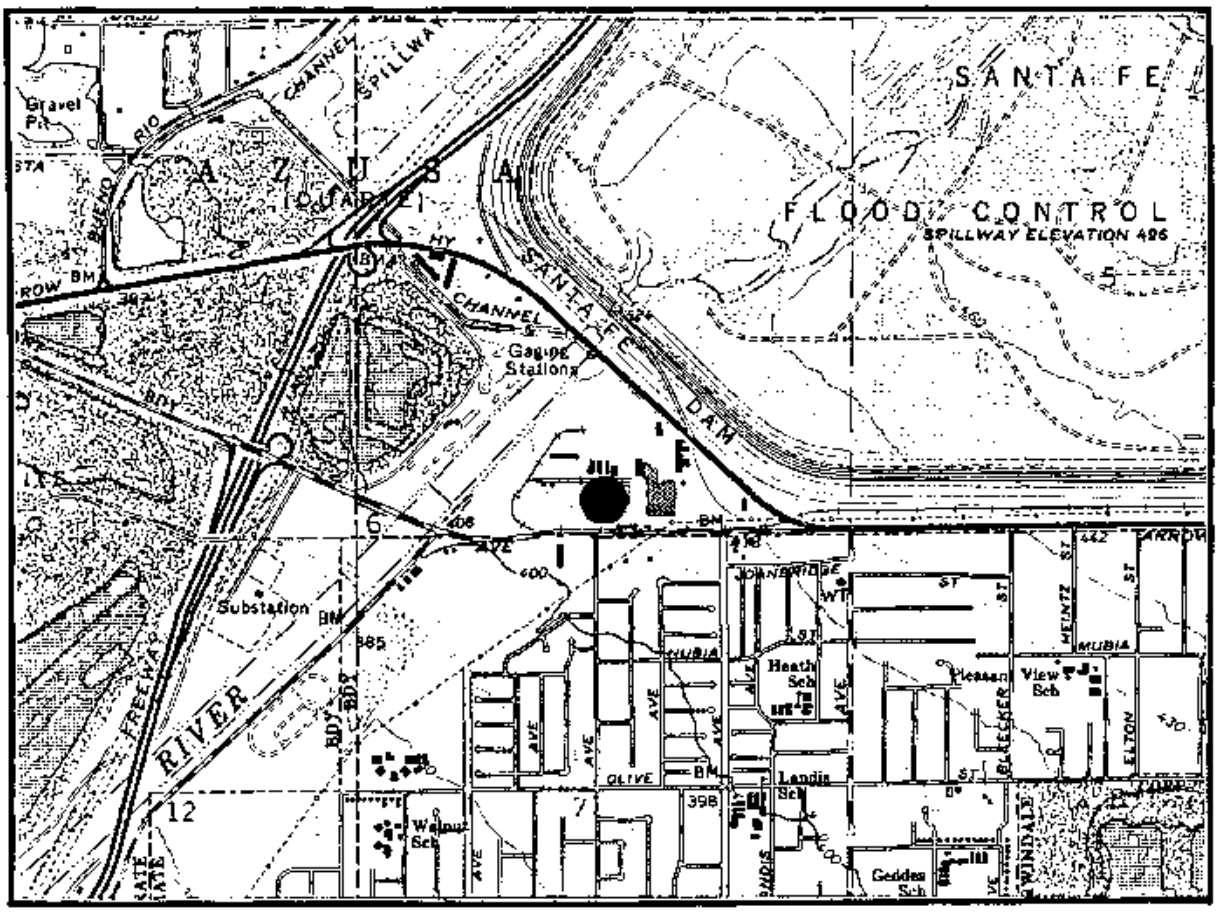
The TPH content on soils is to be determined by purge and trap techniques. The method detection limit is 1.0 mg/kg. All results will be blank corrected.

SENSORS AND CONTROL MONITOR

The Leak Alert System is a highly reliable, state-of-the-art system for continuous monitoring of UGSTs. Designed and developed by Universal Sensors & Devices, this system provides both visual and audible warnings of locating fluids and/or vapors often generated by leaking fluids. The Leak Alert System has been approved for use by the Electrical Testing Laboratory, Department of Building and Safety, City of Los Angeles, California (Aplication No. 249649). Specific questions regarding the specifications of this system may be referred to the manufacturer (Universal Sensors & Devices, Inc. 818-998-7121).

REPORT WRITING

A report summarizing the results of the LDP will be submitted to the LACDPW office upon completion of the monitor well installation. Field procedures, geologic logs, laboratory results, and other applicable observations will be included in this report.

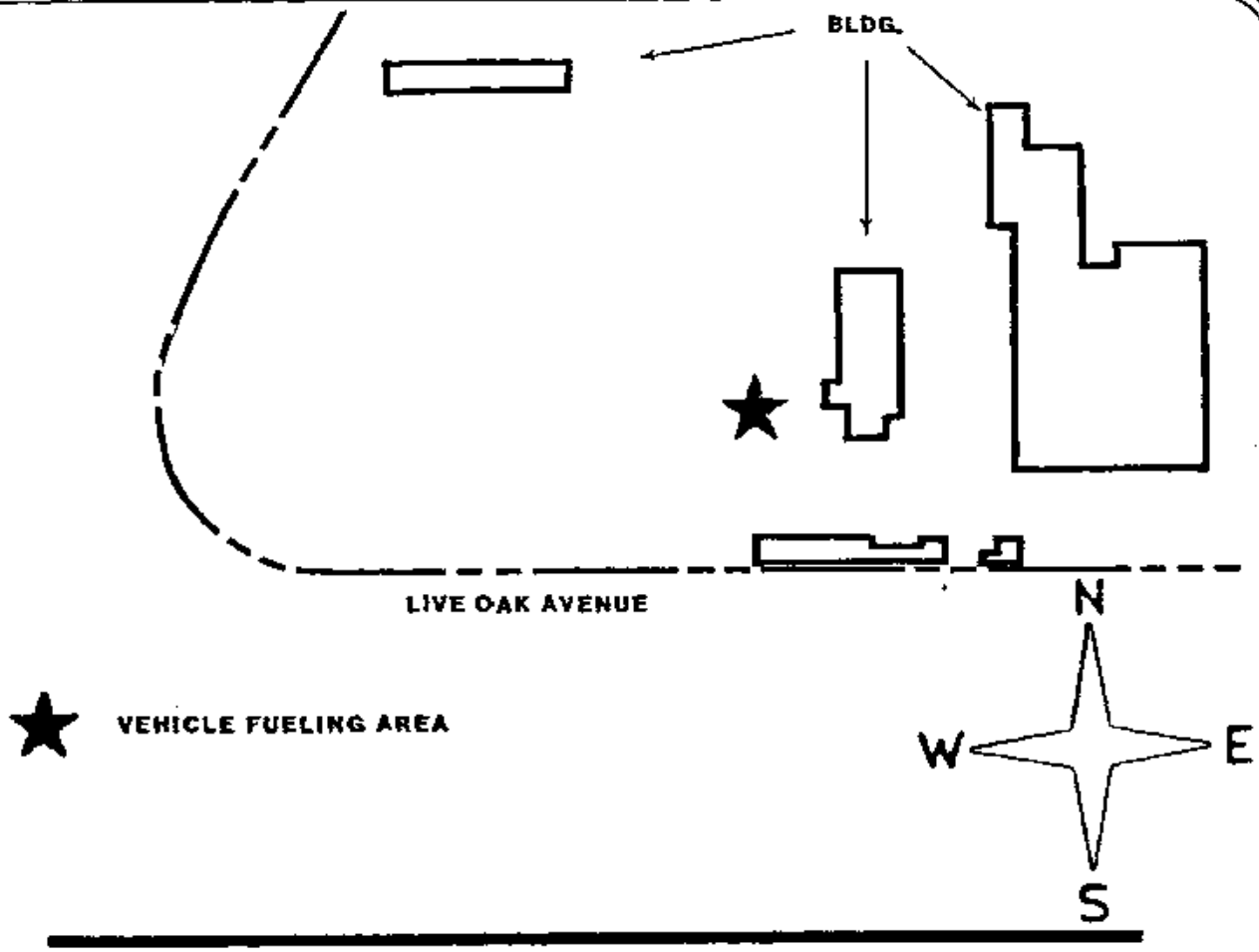


SITE

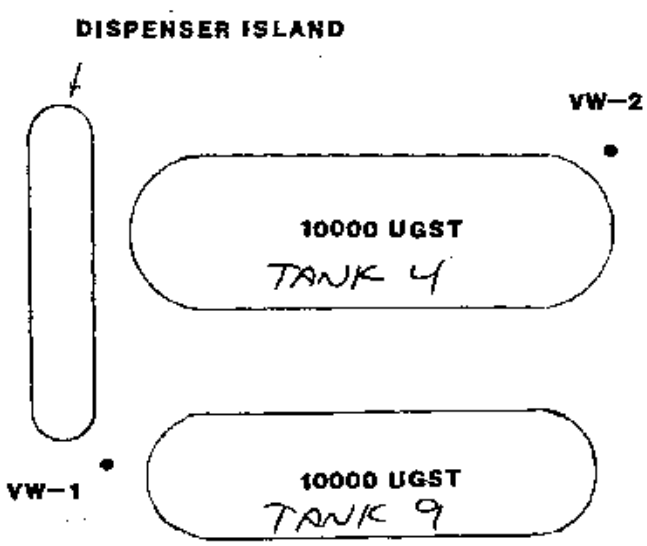
SITE MAP
UNITED CONCRETE PIPE
BALDWIN PARK, CALIF.

FIGURE 1

HydroSolutions Of California, Inc.



EXPLANATION



VW-1 VADOSE ZONE WELL

SCHEMATIC DRAWING
NO SCALE

VEHICLE FUEL AREA
UNITED CONCRETE PIPE
BALDWIN PARK, CALIF.

FIGURE 2

WELL CONSTRUCTION

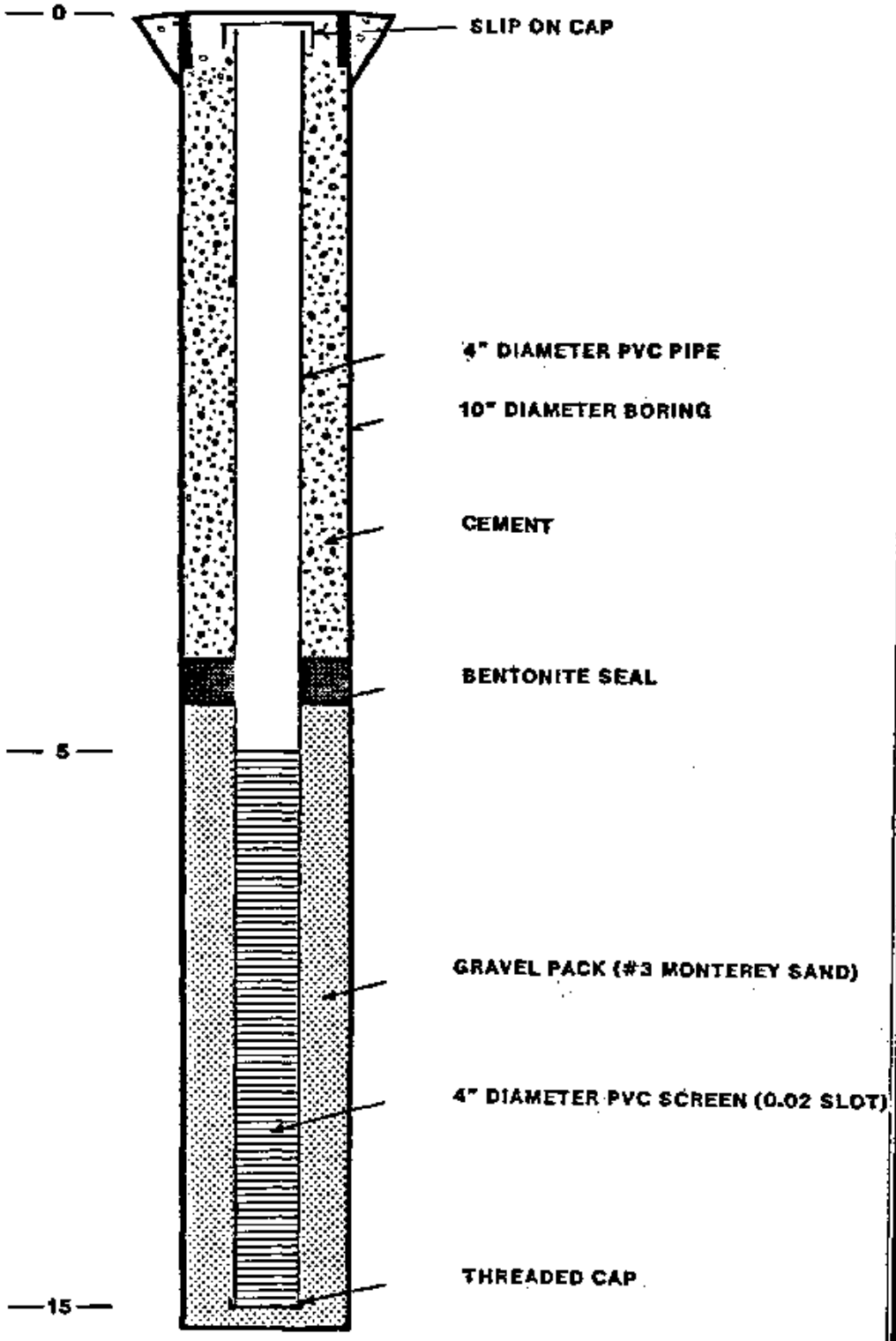
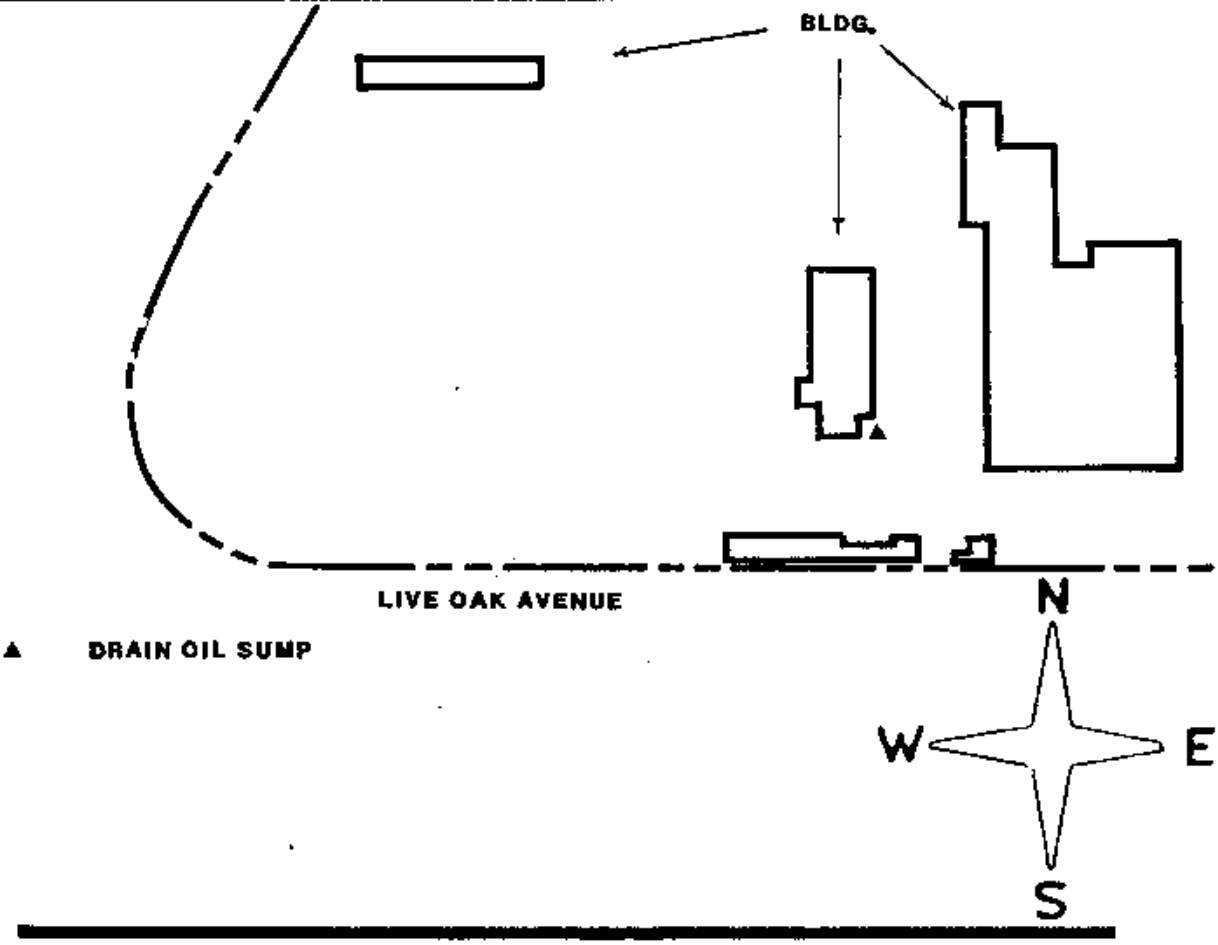


FIGURE 3



SCALE: 1"=2'



DRAIN OIL SUMP
UNITED CONCRETE PIPE
BALDWIN PARK, CALIF.
FIGURE 1

B-3

UNITED CONCRETE PIPE
A DIVISION OF U.S. PIPE AND FOUNDRY CO.
P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

850.16

I-593-3S

July 13, 1987

RECEIVED

Mr. Ofori K. Amoah
County of Los Angeles
Department of Public Works
Engineering Services Division
1540 Alcazar Street
Los Angeles, CA 90033

REFERENCE: Provisional Permit #157

Dear Mr. Amoah:

Per our conversation, our Leak Detector Program and Tank Monitoring Program Proposals will be late. We expect the Final Draft to be ready for your review within two (2) weeks.

Very truly yours,

Frederick C. Gobler
Principal Mechanical Engineer
Technical Services

FCG:lr

OK

Circulate & Return to General Files

Info		Init	Info		Init
	Admin Serv			Mapping/Prop Mgmt	
	Aviation			Operational Serv	
	Build & Safety			Personnel Mgmt	
	Bus & Finance			Planning	
	Construction			Programs Dev	
	Design			Public Affairs/Adv	
✓	Eng Serv			Road Maint	
	Flood Maint			Survey	
	Hyd/Wtr Con			Traffic & Lighting	
	Info Serv			Waterwks/Sewer Mtce	
	Land Develop				

3261 B

closed NL

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

OWNER:
NAME U.S. Pipe & Foundry Co. (United Concrete Pipe Division)
ADDRESS 14011 Castlegate Ave CITY La Mirada STATE CA ZIP 9[illegible]

FACILITY:
NAME United Concrete Pipe Division
SITE ADDRESS 14011 Castlegate Ave CITY La Mirada ZIP 9[illegible]
MAILING ADDRESS _____ CITY _____ STATE _____ ZIP _____
CONTACT PERSON Butch Hobbs TITLE Section Head PHONE 714-521-[illegible]

CLOSURE REQUESTED:
- ☐ TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
  EFFECTIVE DATE OF CLOSURE _____
  DATE OPERATION WILL RESUME _____
- ☑ PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION _____
  (REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
- ☐ PERMANENT, TANK(S) IN PLACE
  (REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

TANK NO.	MATERIAL	AGE (YEARS)	CAPACITY (GAL)	MATERIALS STORED (PAST AND PRESENT)
1	Steel		10,000	Diesel
2	Steel		10,000	Diesel
3	Steel		10,000	Diesel

	YES	NO
HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE?	☐	☐
HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS?	☐	☑
WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE?	☐	☑
WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED?	☐	☑

IF THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

APPLICANT'S SIGNATURE Steve Morgan-Hess DATE 10-7-87
OWNER ☑ OPERATOR ☐ CONTRACTOR Woody's Service Station Maint. Inc.
STATE LICENSE NO. 295564

TO BE COMPLETED BY THE COUNTY ENGINEER

BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED $ 2700
PERMIT NO 3261
FILE NO 593 R/C 35

Nicole L. Long DATE 10-7-87
TO ARRANGE FOR AN INSPECTION, TELEPHONE Roger Higbee or Mike Rivers (818) 574-0962

EL205 Revised 9/86

$2700 CK # 0780

CLOSURE PERMIT SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

Closure Permit No. [illegible] B
File No. I-[illegible]

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application fo Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
[illegible]	[illegible]	TPH	EPA 418.1
[illegible]			
[illegible]			

3. All soil samples obtained shall be undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

5. The analysis results for all soil samples shall be expressed in milligrams per kilogram (mg/kg). Analysis results for groundwater samples shall be expressed in parts per billion (ppb).

6. Analysis results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) The method of analysis.

7. All soil/groundwater samples obtained shall be handled and transported to a laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever earlier.

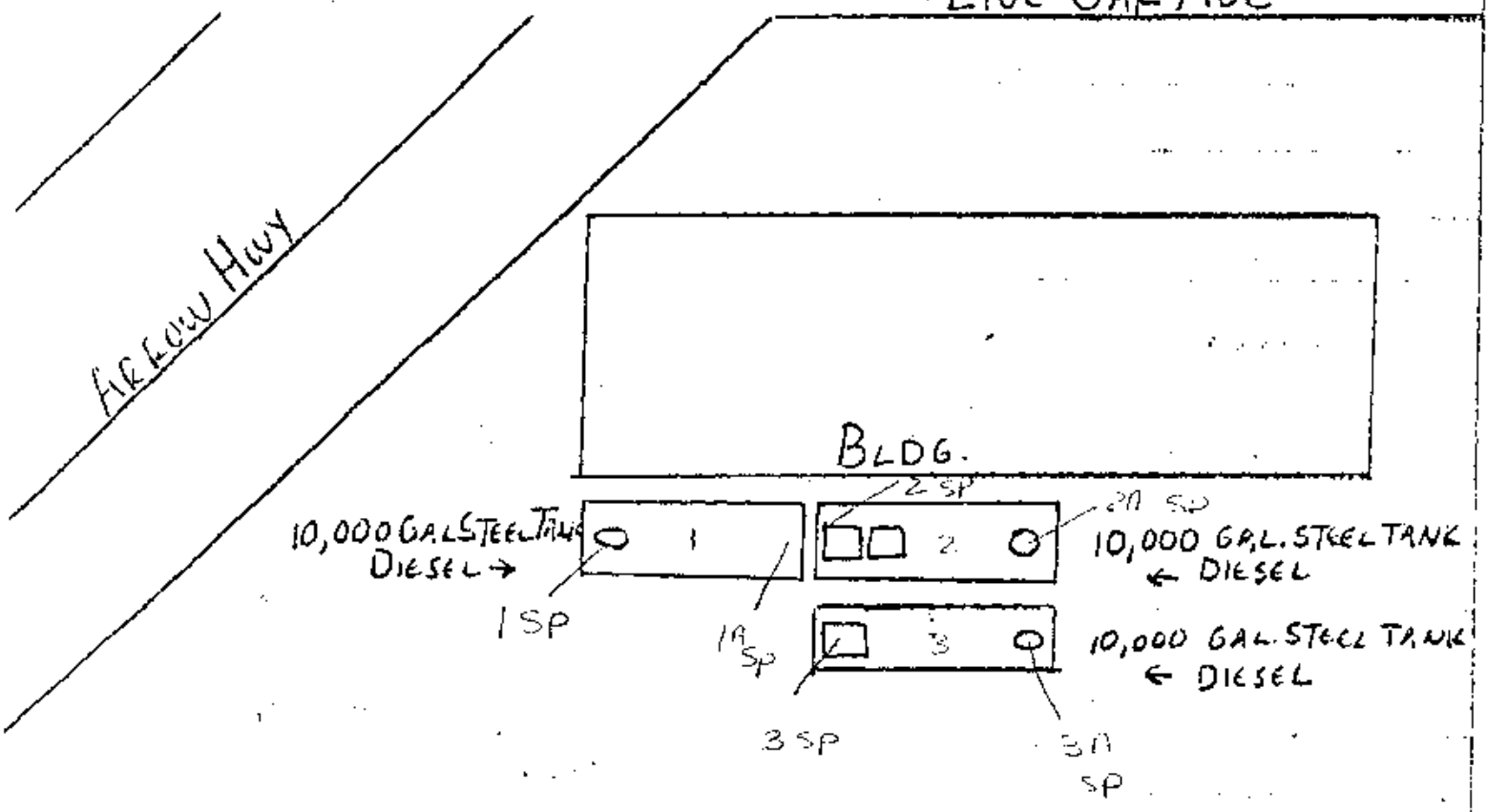
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051 containing:

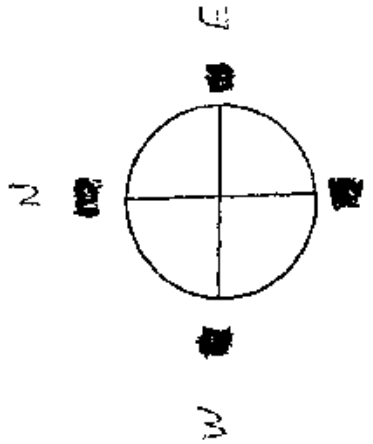
1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
3. Description of methods for obtaining, handling and transporting samples.
4. Time and date samples were obtained.
5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.
6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil.
11. Any observations of site contamination.
12. Remedial action plan to mitigate contamination.
13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.

Signature _____ Date 11-7-87

ENTER FROM LIVE OAK AVE



REMOVAL OF 3-10,000 GAL. STEEL TANKS - ALL DIESEL



U.S. PIPE & FOUNDRY CO.
UNITED CONCRETE PIPE DIV.
14041 EAST LIVE OAK AVE.
IRWINDALE, CA, 91708

Waste Mgt

HydroSolutions of California, Inc.

P.O. Box 11531 • Costa Mesa, CA 92627 • (714) 759-3464

August 21, 1987

537.1

Los Angeles County Department of Public Works
1540 Alcazar Street
Los Angeles, California 90033

BDB RECEIVED
1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

SUBJECT: LDP/TMP Variance
Vehicle Fueling Area
United Concrete Pipe

RRSP: 87045-01-06

Dear Blair:

This letter summarizes our telephone conversation on August 13, 1987. United Concrete Pipe Company submitted a LDP/TMP workplan for the vehicle fueling area to the Los Angeles County Department of Public Works on August 5, 1987 (RRSP 87045-01-01). The workplan described the design and installation of two (2) vadose zone wells adjacent the 10,000 gallon steel tank. With Los Angeles County Department of Public Works approval, installation activities were initiated August 13, 1987.

The geologic profile of the site is characterized by sand and gravels with discontinuous layers of coarse gravels and/or cobbles. A Mobile B-80 drilling rig utilizing 8 inch diameter augers was used to construct the borings. Penetration into this material became very difficult, eventually impossible. After many efforts, VW-2 was constructed at the proposed location. Boring VW-1 penetrated to seven (7) feet, thus abandoning efforts to construct this well.

In our telephone conversation, it was decided that the following variance would be acceptable:

1. Excavate the overburden adjacent the east side of the tank and dispenser island with a backhoe and construct vadose zone well, VW-1.

2. The well will be a total depth of ten (10) feet. Perforated casing will be used for the entire column.

3. A soil sample will be collected from the ten (10) foot depth and analyzed for TPH by EPA Method 8015.

Your rapid attention to this situation is appreciated. If you have further questions or comments please contact me.

Sincerely,

Stephen J. Baker

Stephen J. Baker
Project Manager

C0870250 W

HydroSolutions of California, Inc.

P.O. Box 11531 • Costa Mesa, CA 92627 • (714) 759 - 3464

August 21, 1987

8.10.25

Los Angeles County Department of Public Works
1540 Alcazar Street
Los Angeles, California 90033

SUBJECT: LDP VARIANCE
DRAIN OIL SUMP
UNITED CONCRETE PIPE
14011 LIVE OAK
RRSP: 87044-01-06

RECEIVED
1987
PUBLIC
SERVICES DIV.

Dear Blair:

This letter summarizes our telephone conversation on August 13, 1987. United Concrete Pipe Company submitted a LDP workplan for the drain oil sump to the Los Angeles County Department of Public Works on August 5, 1987 (RRSP 87044-01-01). The workplan described the boring program which was designed to identify the site integrity adjacent the 550 gallon sump. The one boring program was approved by Los Angeles County Department of Public Works and field activities began August 13, 1987.

The geologic profile beneath the site is characterized by sand and gravel with discontinous layers of coarse gravels and/or cobbles. A Mobil B-80 drilling rig utilizing 8 inch diameter augers was used to construct this boring. Penetration into this material became impossible at a five foot depth.

In our telephone conversation, it was decided that the following variance would be acceptable:

1. Change the drilling method to rotary with bentonite slurry as the drilling fluid.

2. Collect three (3) soil samples within a twenty (20) foot depth, composite all samples, and analyze the composited sample by EPA Method 418.1.

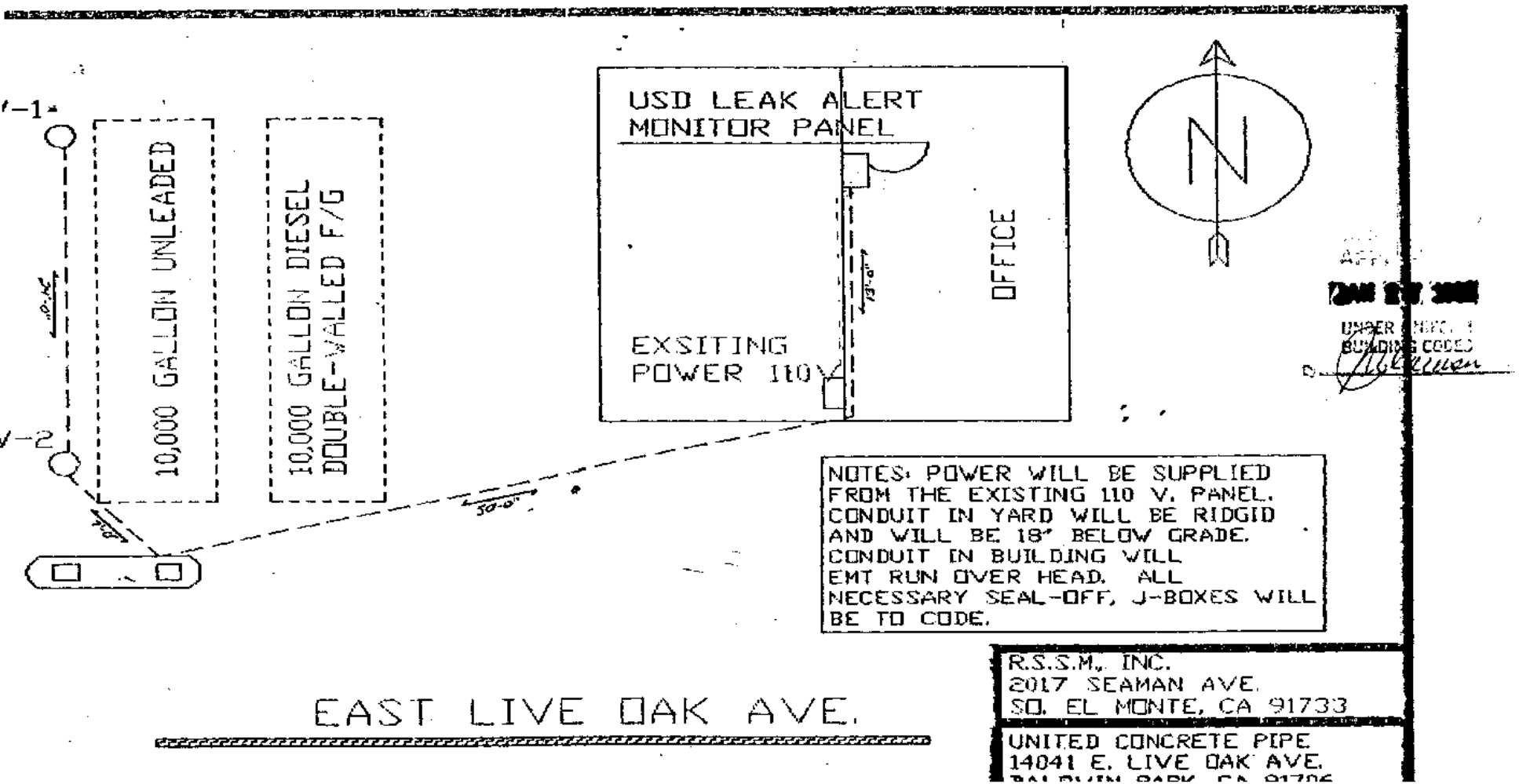
3. Total depth will be twenty (20) feet below ground surface.

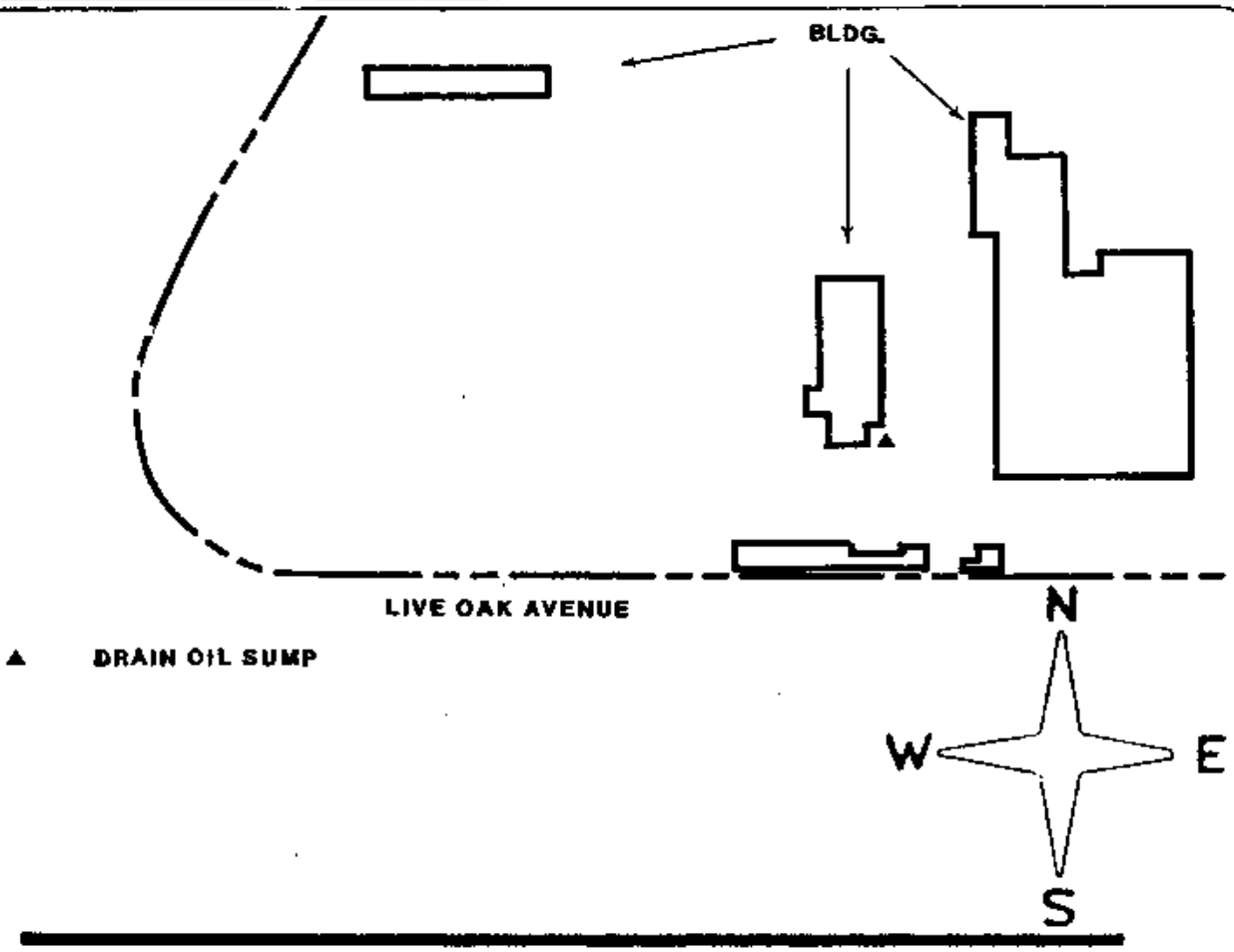
4. Los Angeles County Department of Public Works will interpret the laboratory data by multiplying the detected total petroleum hydrocarbon concentrations by the number of samples.

Thank you for your rapid attention to this matter. If you have further questions of comments, please call.

Sincerely,

Stephen J. Baker
Project Manager


10,000 GALLON UNLEADED
10,000 GALLON DIESEL
DOUBLE-WALLED F/G
USD LEAK ALERT
MONITOR PANEL
OFFICE
EXSITING
POWER 110V
50'-0"
N
NOTES: POWER WILL BE SUPPLIED FROM THE EXISTING 110 V. PANEL. CONDUIT IN YARD WILL BE RIDGID AND WILL BE 18" BELOW GRADE. CONDUIT IN BUILDING WILL EMT RUN OVER HEAD. ALL NECESSARY SEAL-OFF, J-BOXES WILL BE TO CODE.
R.S.S.M., INC.
2017 SEAMAN AVE.
SO. EL MONTE, CA 91733
UNITED CONCRETE PIPE
14041 E. LIVE OAK AVE.
EAST LIVE OAK AVE.



SCALE: 1"=2'



DRAIN OIL SUMP
UNITED CONCRETE PIPE
BALDWIN PARK, CALIF.
FIGURE 1

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1640 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone : (213) 226-8111

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

October 23, 1987

IN REPLY PLEASE
REFER TO FILE
I-593-3S

Mr. Frederick Gobler
United Concrete Pipe
Division of U.S. Pipe and Foundry
P.O. Box 429
Baldwin Park, CA 91706

Dear Mr. Gobler:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PROGRAM (HMUSP)
LEAK DETECTION PROGRAM/TANK MONITORING PROGRAM (LDP/TMP)
HMUSP NO. 157
FACILITY LOCATION: 14041 East Live Oak Avenue, Irwindale

This office has reviewed the LDP/TMP proposal submitted on August 4, 1987 for the subject facility.

In order to comply with the County's minimum LDP/TMP requirements, the information indicated on the attached Additional LDP/TMP Requirements sheet must be submitted to this office by November 20, 1987.

If you have any questions regarding this matter, please contact Mr. Blair Burgess at (213) 226-4437.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

Enc.

cc: Hydrosolutions of California, Inc.

LD302 5/87

C637191

FILE # I-593-3S
HMUSP # 157

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ADDITIONAL LDP/TMP REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete evaluation of the LDP/TMP proposal.

[ ] 1. Plot plan to scale showing locations of tanks and associated piping, boring and monitoring well locations, buildings, adjacent streets, and north arrow.

[ ] 2. Information pertaining to the tanks contradicts information previously submitted on the permit application form or hazardous substance storage statements. These contradictions must be corrected.

[ ] 3. Number and location of soil and/or groundwater samples is not adequate.

[ ] 4. Proposed sampling protocol.

[ ] 5. Proposed sample analysis method(s).

[ ] 6. Boring logs certified by a California registered geologist, California registered civil engineer with sufficient experience in soils, or a California certified engineering geologist.

[ ] 7. Type of monitoring proposed is not appropriate for tank(s) number _____.

[ ] 8. Documentation as to depth of groundwater at facility.

[ ] 9. Monitoring well specifications and cross section showing well construction.

[ ] 10. Monitoring well specifications do not conform to Los Angeles County guidelines for the groundwater condition.

[ ] 11. Manufacturer and model number of monitoring sensor or device(s).

[ ] 12. Manufacturer and model number of pressure line monitoring system.

[X] 13. Manufacturer and model number of overfill protection device.

[ ] 14. Tank integrity test results and data sheets.

[ ] 15. Manufacturer and model number of Tank Level Monitor (TLM) system.

[ ] 16. Pressurized pipelines must be shown on the plot plan.

[ ] 17. Monitoring for pressurized pipelines is required.

[X] 18. Other: LDP/TMP for waste oil tank #8 is required

593

HydroSolutions of California, Inc.
P.O. Box 11531 • Costa Mesa, CA 92627 • (714) 259-3464

$810.75

October 12, 1987

Los Angeles County Department of Public Works
1540 Alcazar Street
Los Angeles, California 90033

CITY OF PUBLIC WORKS
BUILDING SERVICES DIVISION

BOB
70:3769

SUBJECT: TRANSMITTAL
UGST SITE INTEGRITY REPORT
DRAIN OIL SUMP

RRSP: 87044-01-08

Dear Blair:

Enclosed, please find the final copy of the UGST Leak Detection Program for the Drain Oil Sump (RRSP: 87044-01-07). I will be calling you later this week to discuss compliance. Closure of this sump will begin following your approval of site integrity.

If you have any additional questions, please call. Thank you.

Respectfully submitted,

Stephen J. Baker

Stephen J. Baker
Project Manager

C0870363 4

HydroSolutions of California, Inc.
P.O. Box 11531 • Costa Mesa, CA 92627 • (714) 759 - 3464

October 1, 1987

Rudy's Service Station Equip.
Maintenance, Inc.
2017 Seaman Avenue
South El Monte, California 91733

SUBJECT: SOIL SAMPLING
DRAIN OIL SUMP
UNITED CONCRETE PIPE COMPANY

RRSP: 87044-01-07

Dear Lou:

HydroSolutions of California, Inc. (HSCI) is pleased to submit this letter report regarding the soil sampling event which was completed August 20, 1937 and located at the United Concrete Pipe Company property in Baldwin Park, California. Please find a copy of the laboratory data, boring location map, and chain-of-custody forms resulting from this field activity.

The soil sampling activity was completed adjacent the drain oil sump located at the vehicle maintenance area (figure 1). This sump is not currently in use, however has historically provided temporary storage of vehicle oils.

Los Angeles County Department of Public Works (LACDPW) verbal approval (August 5, 1987) of the tank leak detection program consisted of drilling and soil sampling of one boring to a depth of forty (40) feet. Initial drilling efforts with a Mobil 80 drilling rig experienced difficulty in penetrating the gravel and cobble subsurface. This initial effort was abandoned.

The geologic profile beneath the site is characterized by sand and gravel with discontinuous layers of coarse gravels and/or cobbles (see geologic log, B-3). In our telephone conversation from the site, it was decided that the following variance would be acceptable:

1. Change of drilling method;

2. Collect soil samples from three different depth locations, composite all samples, and analyze the composited sample by EPA Method 418.1;

3. Total depth was to be twenty feet below ground surface.

Drilling was reschedule for August 20, 1987. Two optional drilling methods were available to assure successful penetration and

soil sampling of B-3 (modified auger and mud rotary). An auger equipped with a special drilling bit would first be utilized. This drilling method provides more representative soil samples than samples collected by mud rotary methods. If the auger method was abandoned, mud rotary would be utilized.

Soil samples were collected successfully to approximately a twenty (20) foot depth. Three samples (B-3-10, B-3-15, B-3-20) were delivered to the laboratory, composited, and analyzed for total petroleum hydrocarbons by Modified EPA Method 418.1. A concentration of 296 ppm was detected in the composited sample.

Borings were described using the Unified Soil Classification System and have been reviewed according to Section 2648 (t) of the California UGST Regulations (August, 1985).

It is the responsibility of Rudy's Service Station Equipment and Maintenance, Inc. to disclose to the proper authorities any and all information discovered during this investigation that may pertain to the adverse health and safety to public health, property, and/or environment.

If you have questions or comments regarding the enclosed information, please contact our office.

Respectfully submitted,

Stephen J. Baker
Registered Geologist 4354

SITE LOCATION: United Concrete Pipe	PROJECT NO.: 87044-01
DRILLING AGENCY: Datum Exploration	DATE STARTED: 8-20-87
DRILLING EQUIPMENT: 10" Hollow Auger	DATE FINISHED: 8-20-87
LOGGED BY: Steve Baker	TOTAL DEPTH: 20 FEET
NUMBER OF SAMPLES COLLECTED: 4	WATER DEPTH: None

DEPTH	LOG	DESCRIPTION — BORING: B-3
5		GRAVEL (GP), moist, medium brown, (1/2-2 1/2"), very fine to medium grained sand, no gasoline odor
10		SILTY GRAVEL (GM), moist, medium brown, slight coarse grained sand, 1/2" gravels, no gasoline odor
15		GRAVEL & SAND (GW), slightly moist, brown, fine to medium grained sand, GRAVEL (1/8-2 1/2"), no gasoline odor
20		GRAVEL & SAND (GW), slightly moist, brown, fine to medium grained sand, GRAVEL (1/8-2 1/2"), no gasoline odor

Geologic log is based on visual observation only. This information should not be used for any engineering purposes.

Boring was backfilled with sediment.

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH — DEVELOPMENT — TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRULABS

August 26, 1987

CLIENT Hydrosolutions of California
P.O. Box 11531
Costa Mesa, CA 92627
Attention: Steve Baker

DATE August 20, 1987

RECEIVED

LABORATORY NO. 21426

SAMPLE Soil samples
Project #87044-01

INVESTIGATION

Total Petroleum Hydrocarbons (EPA 418.1, 8015)

RESULTS

Milligrams per Kilogram

Parameter	Composite of B-3-10, B-3-15, B-3-20
Total Petroleum Hydrocarbons EPA 418.1	296

Total Petroleum Hydrocarbons (Modified EPA 418.1): The total petroleum hydrocarbons analyzed in soils utilizes an infrared method similar to the procedure designated for waters (EPA 418.1). The soils are extracted with freon TF on an equal weight to volume basis with anhydrous sodium sulfate added to aid in extraction. The method detection limit is 1 mg/kg. All results have been blank corrected.

Total Petroleum Hydrocarbons (Modified EPA 8015): The petroleum hydrocarbons analysis for this sample was analyzed by GC-FID (Modified EPA 8015) using the procedure listed in the revised analytical method (11/5/85), Attachment 2. The limit of detection is 10 mg/kg.

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

HydroSolutions Of California, Inc.

Chain of Custody Record

PROJECT NO.: 87044-01

SAMPLERS: (Signature) S. BAKER

DATE	TIME	SAMPLE NUMBER	General Mineral	Priority Pollutant Metals	EPA Method 624	EPA Method 625	EPA Method 608	418.1	BTEX	NUMBER OF CONTAINERS
8/20	8:00	B-3-10						✓	Composite after	1
8/20	8:10	B-3-15						✓		1
8/20	8:20	B-3-20						✓		1
8/20	9:00	VW-1-10							✓	1

HydroSolutions of California, Inc.
P.O. Box 11531 • Costa Mesa, CA 92627 • (714) 759 - 3464

October 12, 1987

Los Angeles County Department of Public Works
1540 Alcazar Street
Los Angeles, California 90033

SUBJECT: TRANSMITTAL
UGST SITE MONITORING REPORT
VEHICLE FUELING AREA

RRSP: 87045-01-08

Dear Blair:

Enclosed, please find the final copy of the UGST Monitoring Program for the Vehicle Fueling Area (RRSP: 87045-01-07). I will be calling you later this week to discuss compliance.

If you have any additional questions concerning this program, please call.

Respectfully submitted,

Stephen J. Baker
Project Manager

HydroSolutions of California, Inc.
P.O. Box 11531 • Costa Mesa, CA 92627 • (714) 759-3464

October 1, 1987

Rudy's Service Station Equip.
Maint., Inc.
2017 Seaman Avenue
South El Monte, California 91733

SUBJECT: UNDERGROUND STORAGE TANK MONITOR
WELL COMPLETION, UNITED CONCRETE PIPE
BALDWIN PARK, CALIFORNIA

RRSP: 87045-01-07

Dear Lou:

HydroSolutions of California, Inc. (HSCI) is pleased to submit the enclosed lithologic logs of two (2) borings, vadose zone well completion diagrams, laboratory results of composited samples, well location map, and chain-of-custody forms for the well installations located at the United Concrete Pipe Company facility located in Baldwin Park, California. Field drilling activities were initiated August 13 and completed August 20, 1987.

United Concrete Pipe Company submitted a LDF/TMP workplan for the vehicle fueling area to the Los Angeles County Department of Public Works (LACDPW) on August 5, 1987 (RRSP: 87045-01-01). With the approval of LACDPW, installation of the monitor wells was initiated August 13, 1987.

During initial drilling, sampling to a forty (40) and twenty (20) foot depth became impossible with the Mobil B-80 drilling rig. After many efforts, VW-2 was constructed to an eighteen (18) foot depth. Boring, VW-1, only penetrated to seven (7) feet, thus abandoning efforts to construct this well. Subsequently, telephone correspondence with LACDPW (RRSP:87045-01-06) on August 13, 1987 began and a modified workplan was established. Due to the difficulty in drilling in sand and gravels, it was decided that:

1. VW-1 well would be constructed by excavating with a backhoe to a depth of ten feet immediately adjacent the UGST.

2. A soil sample would be collected and analyzed from the ten foot depth. This sample will be analyzed by EPA Method 8015 for total petroleum hydrocarbons.

The annulus of the well borings were filled according to the well completion diagrams at the end of this report. Surface casings were not installed inorder to facilitate easier installation of sensor wiring. It is our understanding that Rudy's Service Station Equipment & Maintenance, Inc. will supply and install each well head, sensor wiring, control box, sensors, and all other

material required to effectively complete the monitoring program. Soil samples from each boring were composited and analyzed for total petroleum hydrocarbons. EPA Method 8015 was utilized. All samples contained no detectable concentrations of TPH.

No groundwater was encountered during drilling.

Borings were described using the Unified Soil Classification System and have been reviewed according to Section 2648 (t) of the California UGST Regulations (August, 1985).

Location of monitoring wells was approved by the LACDPW. Each well was located as close to the UGST as was safety possible with the available information to HSCI. The rational for the number of wells was to install the quanity required by the regulatory agency.

Utilization of vadose zone monitor wells is an acceptable alternative of monitoring however the present level of this technology is limited. Vadose zone wells, as a sole form of monitoring may not identify small volume leaks. This is due to moisture content of soils, changes in barometric pressure, anisotropies of the unsaturated zone, the location and size of the leak, and leak intensity.

HSCI suggests that all vadose zone wells be considered as a component of a complete monitoring program that supplements other daily/monthly monitoring techniques. Relying on one monitoring method may or may not provide full proof identification of a leak. It is in the client's best interest to incorporate one or several of the following methods and/or preparations:

* In-tank monitoring devices;

* Inventory reconciliation;

* Tank gauging;

* Tank tests;

* Routine maintenance checks of sensors, control box, etc.

* Establish a contingency plan in the event of a leak.

If you have questions or comments regarding the enclosed information, please contact our office.

Respectfully submitted,

Stephen J. Baker
Registered Geologist 4354

SITE LOCATION: United Concrete Pipe	PROJECT NO.: 87045-01
DRILLING AGENCY: Datum Exploration	DATE STARTED: 8-13-87
DRILLING EQUIPMENT: Backhoe	DATE FINISHED: 8-20-87
LOGGED BY: Steve Baker	TOTAL DEPTH: 10 FEET
NUMBER OF SAMPLES COLLECTED: 1	WATER DEPTH: None

DEPTH	LOG	DESCRIPTION	BORING: VW-1
5		SAND & GRAVEL (GW), moist, medium brown, medium to coarse grained sand, GRAVEL (1/2-2 1/2"), no gasoline odor	
10		SAND (SP), moist, medium brown, medium to coarse grained, slight gasoline odor	

NOTE:

Geologic log is based on visual observation only. This information should not be used for any engineering purposes.

Several efforts were attempted to drill with hollow stem auger to the desired depth, however due to the high volume of gravel present, each consecutive effort was abandoned. A backhoe was then utilized to excavate fill sand adjacent the UGST, a grab sample of soil was collected from the bottommost sediment, a ten foot well was constructed, and the excavation backfilled.

Sampling and well construction criteria was approved by the Los Angeles County Department of Public Works.

SITE LOCATION: United Concrete Pipe	PROJECT NO.: 87045-01
DRILLING AGENCY: Datum Exploration	DATE STARTED: 8-13-87
DRILLING EQUIPMENT: 10" Hollow Auger	DATE FINISHED: 8-13-87
LOGGED BY: Steve Baker	TOTAL DEPTH: 18 FEET
NUMBER OF SAMPLES COLLECTED: 3	WATER DEPTH: None

DEPTH	LOG	DESCRIPTION	BORING: VW-2
5		SAND & GRAVEL (GW), moist, medium brown, medium (4,4,7) to coarse grained sand, GRAVEL (1/8-1), no gasoline odor	
10		SAND & GRAVEL (GW), moist, medium brown, medium (4,3,3) to coarse grained sand, GRAVEL (1/2-1), no gasoline odor	
15		SAND & GRAVEL (GW), moist, medium brown, medium (10,14,21) to coarse grained sand, GRAVEL (1/2-1), no gasoline odor	
20		NO SAMPLE	

Geologic log is based on visual observation only. This information should not be used for any engineering purposes.

Boring was constructed into a vadose zone monitoring well.

Could not penetrate greater than 18 feet below groundsurface with auger rig. Gravels (2-4 inch dia.) encountered at the 16 to 18 foot depth interval.

WELL CONSTRUCTION

VW-2

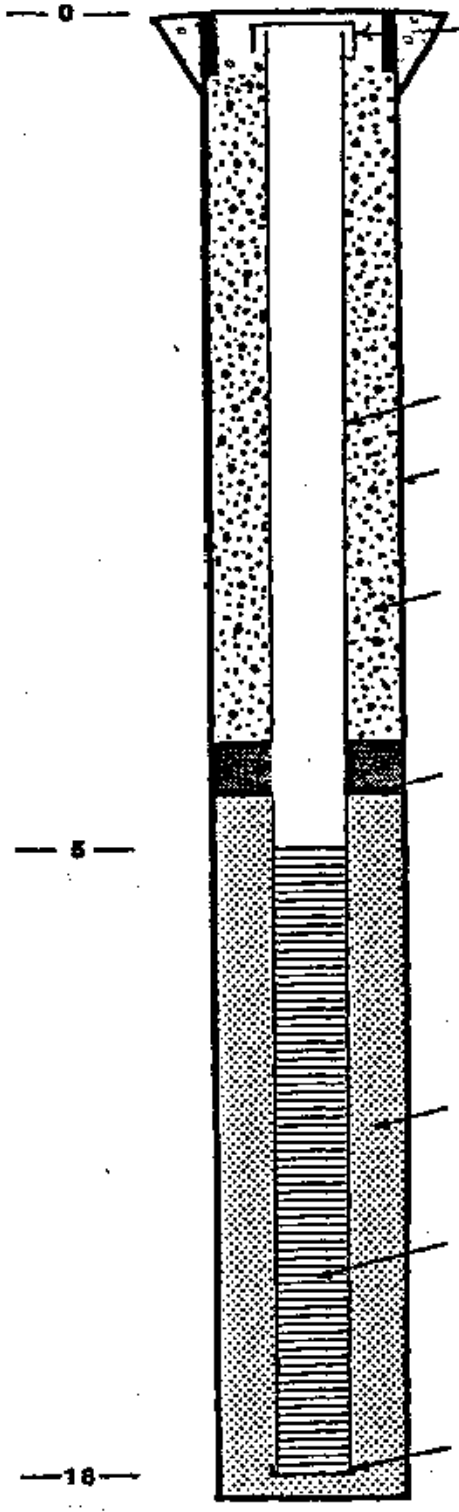


FIGURE 2

HydroSolutions Of California, Inc.

WELL CONSTRUCTION

VW–1

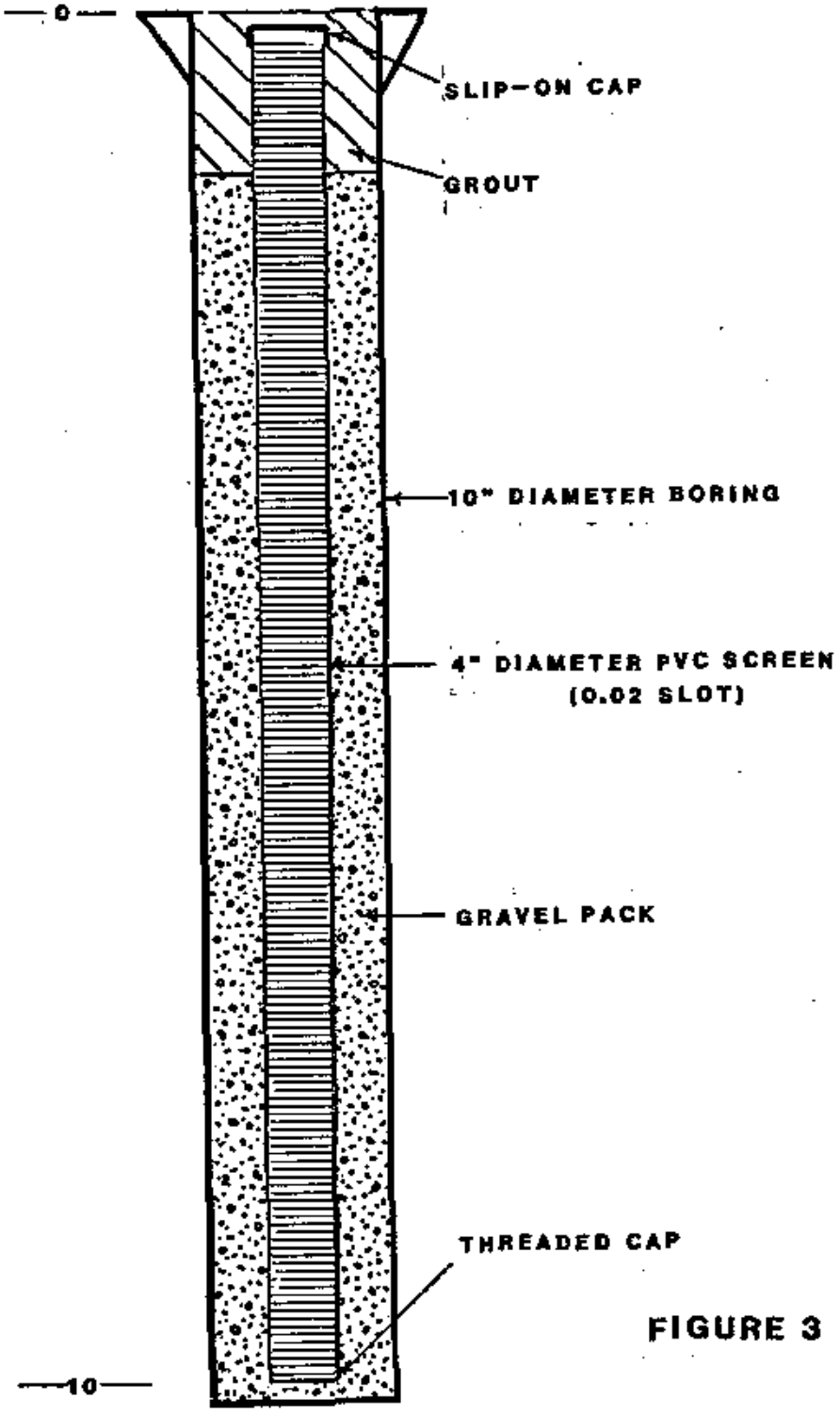


FIGURE 3

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELAB

August 26, 1987

CLIENT Hydrosolutions of California
P.O. Box 11531
Costa Mesa, CA 92627
Attention: Steve Baker

DATE August 20, 1987

RECEIVED

LABORATORY NO. 21426

SAMPLE Soil samples
Project #87044-01

INVESTIGATION

Total Petroleum Hydrocarbons (EPA 418.1, 8015)

RESULTS

Milligrams per Kilogram

Parameter	Composite of B-3-10, B-3-15, B-3-20	VW-1-10
Total Petroleum Hydrocarbons		
EPA 418.1	296	
EPA 8015		<10

Total Petroleum Hydrocarbons (Modified EPA 418.1): The total petroleum hydrocarbons analyzed in soils utilizes an infrared method similar to the procedure designated for waters (EPA 418.1). The soils are extracted with freon TF on an equal weight to volume basis with anhydrous sodium sulfate added to aid in extraction. The method detection limit is 1 mg/kg. All results have been blank corrected.

Total Petroleum Hydrocarbons (Modified EPA 8015): The petroleum hydrocarbons analysis for this sample was analyzed by GC-FID (Modified EPA 8015) using the procedure listed in the revised analytical method (11/5/85), Attachment 2. The limit of detection is 10 mg/kg.

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS · MICROBIOLOGISTS · ENGINEERS
RESEARCH — DEVELOPMENT — TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT: Hydrosolution of California
P.O. Box 11531
Costa Mesa, CA 92627
Attention: Steve Baker

DATE: August 18, 1987

RECEIVED: August 13, 1987

LABORATORY NO.: 21357

SAMPLE: Composite soil sample
Project #87045-01

INVESTIGATION: **Total Petroleum Hydrocarbons (EPA 8015)**

RESULTS

Sample I.D.	Total Petroleum Hydrocarbons, mg/kg
Composite of VW-2-5 (A, B) VW-2-10 (A,B) VW-2-15 (A,B)	<10

Total Petroleum Hydrocarbons (Modified EPA 8015): The petroleum hydrocarbons analysis for this sample was analyzed by GC-FID (Modified EPA 8015) using the procedure listed in the revised analytical method (11/5/85), Attachment 2. The limit of detection is 10 mg/kg.

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

HydroSolutions Of California, Inc.

Chain of Custody Record

PROJECT NO.: 87045-01

SAMPLERS: (Signature): S. BAKER

DATE	TIME	SAMPLE NUMBER	General Mineral	Priority Pollutant Metals	EPA Method 624	EPA Method 625	EPA Method 608	8015					NUMBER OF CONTAINERS
8/13	5-12 pm	VW-2-5 (A,B)						✓					1
↓	↓	VW-2-10 (A,B)						✓					
		VW-2-15 (AB)						✓					
↓	↓	VW-1-5 (A,B)											

HydroSolutions Of California, Inc.

Chain of Custody Record

PROJECT NO.: 87044-01

SAMPLERS: (Signature) S. BAKER

DATE	TIME	SAMPLE NUMBER	General Mineral	Priority Pollutant Metals	EPA Method 624	EPA Method 625	EPA Method 608		418.1		8015			NUMBER OF CONTAINERS
8/20	8:30	B-3-10												1
8/20	8:40	B-3-15												1
8/20	8:50	B-3-20												1
8/20	9:00	VW-1-10									✓			1

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-6111

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4088
LOS ANGELES, CALIFORNIA 90051

12/4/87
okay to back fill
per verbal approval
MM

IN REPLY PLEASE
REFER TO FILE I-593-3S

November 6, 1987

U.S. Pipe & Foundry Co.
14041 East Live Oak Avenue
Irwindale, CA 91708

Gentlemen:

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3361B
FACILITY LOCATION: 14041 EAST LIVE OAK AVENUE

This office has reviewed the closure report submitted on October 30, 1987, for the subject facility.

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by December 4, 1987.

If you have any questions regarding this matter, please contact Mr. Martin Moreno at (213) 226-5930.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Martin Moreno
Waste Management Division

Enc.

cc: Western Environmental Services

CL207 3/87

C63745

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete the evaluation of Closure Permit No. 3361B .

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjatent streets and north arrow.

[ ] Insufficient number of samples were obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[ ] Submit logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at DOHS certified laboratory.

[X] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil.

[ ] Signature on the report is required of CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

[ ] Define the vertical and lateral extent of contamination.

[ ] Propose a remedial action plan to mitigate contamination.

[X] Other Please include either the triple rinse or tank hazardous waste manifest.

CL207 3/87

(2)

SAMPLE COLLECTION AND REMOVAL OF UNDERGROUND STORAGE TANKS UNITED CONCRETE PIPE DIVISION 14041 EAST LIVE OAK AVENUE BALDWIN PARK, CALIFORNIA

RECEIVED
OCT 30 1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

Project No. 21213

Prepared for:
Rudy's Service Station Equipment Maint., Inc.
2017 Seaman Avenue
South El Monte, California 91733

703845

Prepared by:
WESTERN ENVIROMENTAL SERVICES, INC.
2113 WEST SEVENTEENTH STREET
LONG BEACH, CALIFORNIA 90810

October 21, 1987

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3.0 Geology	2
4.0 Laboratory Analyses and Results	2
5.0 Conclusions	3
6.0 Recommendations	3
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LIST OF FIGURES

Figure No.	Title
1	Site Plan

LIST OF TABLES

Table No.	Title
1	Summary of Underground Storage Tank Data
2	Summary of Soil Sampling

1.0 INTRODUCTION

1.1 PURPOSE OF SCOPE OF WORK

This report summarizes underground storage tank removals and soil sampling operations performed at United Concrete Pipe Division (United). The subject site is located at 14041 East Live Oak Avenue, Baldwin Park, Los Angeles County, California

The work accomplished under Los Angeles County Permit No. 3361-B, on October 14, 1987 consisted of the removal of three diesel fuel underground storage tanks, and collection and quantitative analyses of 6 soil samples, used to document subsurface soil conditions.

United engaged the services of Rudy's Service Station Equipment Maint., Inc. (Rudy's) to perform the excavation and removal of the underground storage tanks. Western Environmental Services (WES) was employed under verbal agreement by Rudy's to: 1) collect soil samples from beneath the bottom of each tank and 2) prepare this report on tank removal operations. Included herewith are discussions on field procedures, laboratory testing, and analytical results for soil samples recovered during the excavation and subsequent tank removals.

2.0 FIELD PROCEDURES

On October 14, 1987, under the supervision of Los Angeles County Fire Department, three underground diesel fuel storage tanks were removed and disposed of properly. The tank numbers, capacities and contents as determined by field personnel are summarized in Table 1.

TABLE 1
SUMMARY OF UNDERGROUND STORAGE TANKS DATA
UNITED CONCRETE

TANK NO.	CAPACITY (gals.)	CONTENTS
1	10,000	Diesel
2	8,000	Diesel
3	8,000	Diesel

Following the removal of the tanks, six soil samples (1A, 1B, 2A, 2B, 3A, 3B) were collected at a depth of two feet below tank bottom by a WES geologist. Sample locations are shown on Figure 1 - Site Plan.

The samples were recovered from the excavations using a back hoe and quickly placed by hand into four ounce glas sample jars, sealed with a teflon-lined lid, each sample within labeled and immediately stored on ice in an ice chest until transport to the laboratory. WES chain-of-custody procedures were followed to ensure the integrity of samples submitted for analyses.

3.0 GEOLOGY

The United site overlays alluvial sediments, gravels and cobbles interbedded with coarse grained sands of recent age. The elevation of the tank pit areas is approximately 400 feet above seal level; the surrounding topography slopes gently to the South. A review of California Department of Water Resources (DWR) records indicate the first principle aquifer beneath the site is greater than 100 feet below the surface; semi-perched zones may occur at shallower depths.

4.0 LABORATORY TESTING AND RESULTS

All samples were submitted for analyses to Chemical Research Laboratories, Stanton, California. Samples were tested for total recoverable hydrocarbons according to E.P.A. method 418.1. The sample is extracted using a horn-type sonicator and examined by infrared spectroscopy. Laboratory certificate and chain-of-custody records are included in Appendix A and B respectively.

Based on laboratory results for samples collected, it appears hydrocarbon leakage has occurred at the site. Sample reference numbers, locations and test results (in parts per million) are summarized in Table 2.

TABLE 2
SUMMARY OF SOIL SAMPLING
D&K CONCRETE

SAMPLE NO.	LOCATION	E.P.A. 418.1 (ppm)
1A	Southside of northern diesel tank	100
1B	Northside of northern diesel tank	ND(1)
2A	Southside of southeast diesel tank	15
2B	Northside of southeast diesel tank	140
3A	Southside of southwest diesel tank	ND(1)
3B	Northside of southwest diesel tank	6

5.0 CONCLUSIONS

In accordance with both State and County Guidelines for Underground Storage of Hazardous Materials, WES has completed a field sampling program associated with the removal of underground fuel tanks at the United facility. The results of field study indicates relatively low concentration of petroleum based hydrocarbons have leaked into the soil at the tank pit locations. Due to the deep groundwater table and dense conglomeratic subsurface soil conditions, we recommend United following regulatory approval backfill, compact and resurface the existing excavation.

If we can be of further assistance or provide further information, feel free to call.

Sincerely

Western Environmental Services

David D. Aronne
Project Geologist

Received by:

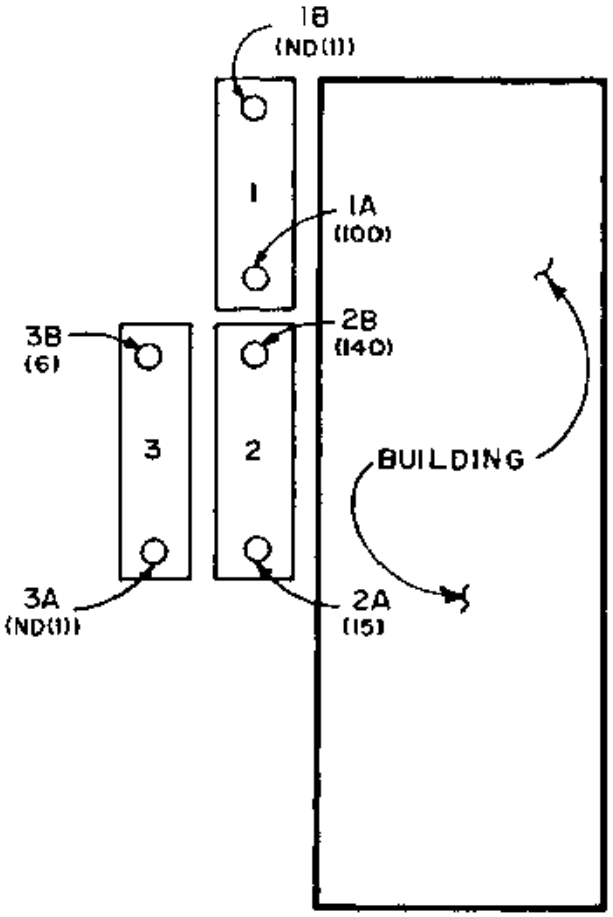
Paul Lipinski
California Registered Geologist #3991

FIGURES

DRAWING NUMBER

CHECKED BY
APPROVED BY

DRAWN BY



LEGEND:

B1 ○ LOCATION OF SAMPLES COLLECTED OCT. 14, 1987

(100) CONCENTRATION OF TOTAL HYDROCARBON (PPM)

[1] TANK LOCATION

TANK DATA

NO.	DESCRIPTION
1	10,000 GALLON DIESEL
2	8,000 GALLON DIESEL
3	8,000 GALLON DIESEL

APPROX. SCALE

0 20 40 FT.

FIGURE 1

PARTIAL SITE PLAN
AND SAMPLE LOCATIONS

UNITED CONCRETE PIPE
14041 EAST LIVE OAK AVE.
BALDWIN PARK CA. 91708

PREPARED FOR

RUDY'S SERVICE STATION
EQUIPMENT MAINT. INC.
2017 SEAMAN AVENUE
SO. EL MONTE, CA.

APPENDIX A

LABORATORY REPORTS

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way ◆ Garden Grove, CA 92641
(714) 898-6370 ● FAX: (714) 891-5917 ● (800) LAB-1CRL

October 20, 1987

WESTERN ENVIRONMENTAL SERVICES
P.O. BOX 9806
LONG BEACH, CA 90810
ATTN: DAVID ARONNE

ANALYSIS NO.: 728703-001/006
ANALYSES: EPA METHOD 418.1
DATE SAMPLED: 10/14/87
DATE SAMPLE REC'D: 10/14/87
PROJECT: UNITED CONCRETE

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 728703-001/006 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

REVIEWED AND APPROVED

10/21/87
DATE

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB 1CRL

LABORATORY REPORT

WESTERN ENVIRONMENTAL SERVICES
P.O. BOX 9806
LONG BEACH, CA 90810
ATTN: DAVID ARONNE

ANALYSIS NO.: 728703-001/006
ANALYSES: EPA METHOD 418.1
DATE SAMPLED: 10/14/87
DATE SAMPLE REC'D: 10/14/87
DATE ANALYZED: 10/15/87
SAMPLE TYPE: SOIL
PROJECT: UNITED CONCRETE

SAMPLE IDENTIFICATION	TOTAL PETROLEUM HYDROCARBONS EPA METHOD 418.1 [mg/kg]
1A SOUTHSIDE OF NORTHERN 10K DIESEL 2'B.G.	100
1B NORTHSIDE OF NORTHERN 10K DIESEL 2' B.G.	ND(1)
2A SOUTHSIDE OF EAST 8K DIESEL 2' B.G.	15
2B NORTHSIDE OF EAST 8K DIESEL 2' B.G.	140
3A SOUTHSIDE OF WEST 8K DIESEL 2' B.G.	ND(1)
3B SOUTHSIDE OF WEST 8K DIESEL 2' B.G.	6

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

APPENDIX B

CHAIN-OF-CUSTODY-RECORDS

CHEMICAL RESEARCH LABORATORIES, INC.
7440 LINCOLN WAY • GARDEN GROVE, CA 92641
(714) 898-6370 • (213) 598-0458

• ORANGE COUNTY
• VENTURA
• SANTA MARIA
• BAKERSFIELD
• L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date Oct 14 Page 1 of 1

CLIENT Western Environmental Services
ADDRESS PO Box 3 9806
Long Beach, Ca 90810

PROJECT MANAGER David Aronne
PHONE NUMBER 213 495-1334

PROJECT NAME United Concrete

SAMPLERS: (Signature) Dave Aronne

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
1A	southside of northern 10k desiel 2' B.G	10-14-87			✓		✓	✓	E.P.A 418.1
1B	Northside of northern 10k desiel 2' B.G	↓			✓		✓	✓	
2A	Southside of ~~west~~ east 8k desiel 2' B.G				✓		✓	✓	
2B	northside of east 8k desiel 2' B.G				✓		✓	✓	
3A	southside of west 8k desiel 2' B.G				✓		✓	✓	
3B	northside of west 8k desiel 2' B.G	↓			✓		✓	✓	

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
David Aronne Western Environmental Services Inc 10-14-87		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
		[illegible]	14:00

Method of Shipment:

Special Instructions: 48 hour rush NLT Friday P.M.

SOURCE: Adapted from U.S. EPA, 1985

LTR # 283 rcvd Mar 2, 88

FOR 3361 B

Sent as LTR # 4437

No. 00330 ✓

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

TANK DISPOSAL FORM

Date: 10-12 ,19 87

Job #

P.O. #

CONTRACTOR: Rudy's Service

ADDRESS: 2017 Seaman Ave. S. El Monte, Ca. 91733

JOB SITE: United Concrete Pipe

ADDRESS: 14041 E. Live Oak Blvd. Baldwin Park

DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY	LIC. NO.
10-14-87	~~hired~~ 12:30	3-10,000 ~~[illegible]~~	~~[illegible]~~	~~[illegible]~~

SPECIAL INSTRUCTIONS:

~~[illegible]~~

TIME IN: 12:30

TIME OUT: 1:23

COMMODITY (SPECIFY)

✓	Services Rendered	Cost
✓	Disposal Fee	100.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	250.00
___	Fiberglass Tank Disposal Fee Per Tank	200.00
___	Cancellation Fee	250.00
___	Other Specify	

TOTAL CHARGES $ 100.00

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

TANKS RECEIVED

QTY.	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
___	280	☐	☐	.15	
___	500	☐	☐	.22	
___	550	☐	☐	.25	
___	1000 - 12ft.	☐	☐	.46	
___	1000 - 6ft.	☐	☐	.63	
___	1500	☐	☐	.90	
___	2000	☐	☐	1.00	
___	2500	☐	☐	1.18	
___	3000	☐	☐	1.36	
___	4000	☐	☐	1.70	
___	5000	☐	☐	2.50	
___	6000	☐	☐	2.92	
___	7500	☐	☐	3.36	
___	8000	☐	☐	3.55	
___	9000	☐	☐	3.94	
2	10000	☐	☑	4.47	8.94

NO. OF TANKS: 2 TOTAL NET TONS: 8.94

*F = FIBERGLASS *S = STEEL 10S

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

M. Jaramillo
AUTHORIZED REP.

10-14-87
DATE

CONTRACTOR COPY

AMERICAN JEL TANK
METAL
RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 00331

TANK DISPOSAL FORM

Date: 10-12 ,19 87
Job #
P.O. #

CONTRACTOR: Rudy's Service
ADDRESS: 2017 Seaman Ave. S. El Monte, Ca, 91733
JOB SITE: United Concrete Pipe
ADDRESS: 14041 E. Live Oak Blvd Baldwin Park
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.
10-14-87	12:30	3-10,000		#2

SPECIAL INSTRUCTIONS:

Third Tank 8000
had a 5' manway on it
We had to rent a Special
Trailer To Transport

COMMODITY (SPECIFY)

✓	Services Rendered	Cost
___	Disposal Fee	100.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	250.00
___	Fiberglass Tank Disposal Fee Per Tank	200.00
___	Cancellation Fee	250.00
✓	Other Specify Special Fee	
	TOTAL CHARGES	$ 250.00

All fees incurred are per load unless specified.
Terms are net 30 days from date of invoice.

TANKS RECEIVED

QTY.	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	280	☐	☐	.15	
	500	☐	☐	.22	
	550	☐	☐	.25	
	1000 - 12ft.	☐	☐	.46	
	1000 - 6ft.	☐	☐	.63	
	1500	☐	☐	.90	
	2000	☐	☐	1.00	
	2500	☐	☐	1.18	
	3000	☐	☐	1.36	
	4000	☐	☐	1.70	
	5000	☐	☐	2.50	
	6000	☐	☐	2.92	
	7500	☐	☐	3.36	
1	8000	☐	☑	3.55	3.55
	9000	☐	☐	3.94	
	10000	☐	☐	4.47	

NO. OF TANKS: 1 TOTAL NET TONS: 3.55

*F = FIBERGLASS *S = STEEL 10S

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

M. Jaramillo — AUTHORIZED REP.

10-14-87 — DATE

CONTRACTOR COPY

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4088
LOS ANGELES, CALIFORNIA 90051

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

December 14, 1987

IN REPLY PLEASE
REFER TO FILE: I-593-3S

Mr. Frederick Gobler
United Concrete Pipe
Division of U.S. Pipe & Foundary
P.O. Box 429
Baldwin Park, CA 91706

Dear Mr. Gobler:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
APPLICATION FOR CLOSURE
FACILITY AT: 14041 Live Oak Ave.

Please find enclosed an Application for Closure forms per your request.

All existing underground tanks must be either closed or permitted. If the tanks are to be closed, complete the copy of the application form and return with the proper fee and required supporting information.

Soil sampling and analysis will be required for all closures. Soil borings will be required if the tank contained a volatile or semi-volatile priority pollutant, or an extremely hazardous material. A plot plan to scale showing location of tank(s), buildings, adjacent streets, north arrow and proposed soil sampling points must accompany the application forms.

If you have any questions concerning this matter, please contact Mr. Blair Burgess at (213) 226-4437.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

CL201 1/87

C37193

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone : (213) 226-6111

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

February 1, 1988

IN REPLY PLEASE REFER TO FILE I-593-3S

U.S. PIPE & FOUNDRY CO.
14041 E. LIVE OAK AVENUE
IRWINDALE, CA 91708

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE PERMIT NO. 3361B
FACILITY LOCATION: 14041 E. LIVE OAK AVENUE

This office has reviewed the soil/groundwater assessment report submitted on NOV. 18, 1987 required as a part of the subject closure procedure. Based on the information submitted, we find that:

[X] The closure is final and no further action is required.

[ ] The soils removed during the tank excavation are unrestricted and may be used as backfill material. The closure is final and no further action is required.

[ ] Excavated soils may be a hazardous waste and are not suitable for fill material or disposal on-site. Contaminated soils must be manifested, transported and disposed of pursuant to Chapter 6.5, California Health and Safety Code, unless evidence is presented indicating that disposal is proper at a less restricted facility. Copies of completed manifests or other appropriate evidence indicating legal disposal shall be submitted to this office before this project can be considered closed.

[ ] The permanent closure of the tank(s) in place shall comply with requirements set by the local Fire Department. Verification must be submitted to this office indicating proper closure and completion of all work.

If you have any questions concerning this matter, please contact Ms. Nicole Long at (213) 226- 4010 .

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Nicole Long
Waste Management Division

cc:

CL204 7/87

C63192

593

HydroSolutions of California, Inc.

P.O. Box 11531 • Costa Mesa, CA 92627 • (714) 759-3464

8506

BDB
704224

RECEIVED
NOV 16 1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

November 10, 1987

Hazardous Waste Division, UGST Section
Los Angeles County Department of Public Works
1540 Alcazar Street
Los Angeles, California 90033

SUBJECT: LDP CLOSURE, DRAIN OIL SUMP
UNITED CONCRETE PIPE COMPANY
11041 LIVE OAK AVENUE
BALDWIN PARK, CALIFORNIA

RRSP: 87044-02-09

Dear Blair:

This letter summarizes the most recent underground storage tank (UGST) closure related activities and our telephone conversation on November 11, 1987. Laboratory results from the August 20, 1987 soil sampling event identified 290 ppm total petroleum hydrocarbons (TPH) in a composited soil sample (B-3-10, B-3-15, B-3-20) collected immediately adjacent the tank. Due to the detected chemical level existing within the action limit enforced by your office, it was decided that the lowermost soil sample be analyzed for TPH as a discrete sample.

The concentration of TPH in B-3-20 was reported by the laboratory (see attached) and to HSCI as non-detectable (less than 10 ppm). In our telephone conversation on November 11, 1987, United Concrete Pipe was provided verbal approval to abandon the 550 gallon capacity tank in-place provide the following criteria are satisfied:

* A reference will be added to the deed of the property. This deed will state that an UGST exists on the premises, the UGST was abandoned according to the Los Angeles County department of Public Works UGST regulations, minor levels of total petroleum hydrocarbons were detected immediately adjacent the UGST, and details of, the information are found in the HSCI soil sampling report (RRSP: 87044-01-07) dated October 1, 1987 and letter (87044-02-09) dated November 10, 1987;

* A closure permit must be obtained;

* and a tank closure certification from the local fire department is obtained.

C0704246

Your rapid attention throughout this tank closure activity has been appreciated. If you require further information or additional comment, please contact me.

Respectfully submitted,

Stephen J. Baker
Registered Geologist No. 4354

cc: Fritz Gobler, United Concrete Pipe Company

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH — DEVELOPMENT — TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT Hydrosolutions of California, Inc.
P.O. Box 11531
Costa Mesa, CA 92627
Attention: Steve Baker

DATE November 3, 1987

RECEIVED October 21, 1987

LABORATORY NO. 22950

SAMPLE

Soil Samples
Project #87044-01

INVESTIGATION

Total Petroleum Hydrocarbons (8015)

RESULTS

Sample	Milligrams per Kilogram
B-3-20	<10

Total Petroleum Hydrocarbons (Modified EPA 8015): The petroleum hydrocarbons analysis for this sample was analyzed by GC-FID (Modified EPA 8015) using the procedure listed in the revised analytical method (11/5/85), Attachment 2. The limit of detection is 10 mg/kg.

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

Julia Nayberg, Manager
Inorganic Chemistry

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

RECEIVED 1 1988
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

4654B

VOID
CLOSED YMT

?

OWNER:
NAME UNITED CONCRETE PIPE CORPORATION
ADDRESS 14041 E. Live Oak Ave. CITY Irwindale STATE CA ZIP 91706

FACILITY:
NAME UNITED CONCRETE PIPE CORPORATION
SITE ADDRESS 14041 E. Live Oak Ave. CITY Irwindale ZIP 91706
MAILING ADDRESS P.O. Box 429 CITY Baldwin Park STATE CA ZIP 91706
CONTACT PERSON Fritz Gobler TITLE Prin. Mech. Engr PHONE (818) 337-1211

RECEIPT # 15/3/88

CLOSURE REQUESTED:
☒ TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
EFFECTIVE DATE OF CLOSURE 6-1-88
DATE OPERATION WILL RESUME 6-1-89
☐ PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION
(REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
☐ PERMANENT, TANK(S) IN PLACE
(REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

TANK NO.	MATERIAL	AGE (YEARS)	CAPACITY (GAL)	MATERIALS STORED (PAST AND PRESENT)
8	Concrete		500	Drain Oil - Has been empty for several years

	YES	NO
HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE?	☒	☐
HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS?	☐	☒
WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE?	☐	☒
WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED?	☐	☒

IF THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

APPLICANT'S SIGNATURE [signature] DATE 7-22-88
OWNER ☒ OPERATOR ☐ CONTRACTOR
STATE LICENSE NO.

TO BE COMPLETED BY THE COUNTY ENGINEER

BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED $ 141.00
PERMIT NO 4654B
FILE NO 593 R/C 35

[signature] DATE Aug 2, 1988
TO ARRANGE FOR AN INSPECTION, TELEPHONE ROGER HIGBEE (818) 574-0962

CL205 Revised 5/85

THIS TEMPORARY CLOSURE MUST CONFORM TO THE VISUAL MONITORING REQUIREMENTS BELOW:

41546

3.3.4 Visual Monitoring

Visual monitoring is only acceptable where tanks are situated in a vaulted area, or the escape of product and/or intrusion of groundwater into the secondary containment is immediately visible.

Facilities located in isolated remote areas or that are unmanned for periods of time may not use visual inspection solely as a monitoring method.

As a minimum, monitoring shall be performed five (5) days per week except on County recognized holidays, and shall be more frequent if appropriate.

A written monitoring procedure shall be prepared and available at the facility which includes: (1) the visual inspections; (2) the location(s) from which observations will be made; (3) the name(s) and title(s) of the person(s) responsible for performing the observations; and (4) the reporting format.

IF QUESTIONS, CONTACT BLAIR D. BURGESS AT (818) 458 3507.

Blair D. Burgess Aug 2, 1988

COUNTY OF LOS ANGELES
DEPARTMENT RECEIPT

131386 $40.35

DATE June 30, 1988

PLAN CHECK FEE $

LDMA SURCHARGE $

TAX SECURITY $

IMP. SECURITY $

FF/RF $

$

C.C. NO.

R.S. NO

OTHER

TRACT NO.

PARCEL NO.

78D301B 22-0064 DPW 5/87

RECEIVED FROM: United Concrete Pipe Corporation $141.00

ONE HUNDRED FORTY ONE DOLLARS ONLY---------- DOLLARS

FOR: Application For Closure

File No.I-593-38 46548 1 TANK

HMUSP 157 CK.#6320970 6/24/88

14041 E. Live Oak Ave.

Irwindale, CA 91708

BY _____ DEPUTY

DEPARTMENT OF PUBLIC WORKS

TO: Mr. Richard Sundberg
Business and Finance Division
Attention Beverly Mathis

Date 8-3-88

FROM: Kenneth R. Kvammen
Assistant Deputy Director
Waste Management Division

File No. I-593-3S

ENGINEERING SERVICES UNIDENTIFIED
UNDERGROUND TANK FEES (TRUST FUND 00-587)
DEPARTMENTAL RECEIPT (DR) NO. 131386

A. Funds placed in trust by the subject DR are to be dispensed as follows:

[X] Per attached Hazardous Waste Storage Fee Bills $ 141.00

[ ] HMUSP Additional Approval (AFEE)
[ ] HMUSP Closure Permit (FFEE) (No Bill
[ ] HMUSP Transfer Fee (HFEE) Enclosed)
[ ] HMUSP Permit Fee (PFEE)
[ ] State Surcharge Trust

[ ] Retain in trust against future permit fee installments

[ ] Refund overpayment to:

Name_____
Mailing Address_____
City/State_____
RE/Attention_____

[ ] Other:_____

DR Total $ 141.00

B. [ ] Additional fees due:_____ $_____

[ ] Please bill to following:

Name:_____
Mailing Address_____
City/State_____
RE/Attention_____ Total Due $_____

C. By B. Burg Telephone 5507

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

December 3, 1987

IN REPLY PLEASE
REFER TO FILE
I-593-3S

Mr. Frederick Gobler
United Concrete Pipe
Division of U.S. Pipe & Foundary
P. O. BOX 429
Baldwin Park, CA 91706

Dear Mr. Gobler:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT (HMUSP)
LEAK DETECTION PROGRAM/TANK MONITORING PROGRAM (LDP/TMP)
IMPLEMENTATION REPORT
HMUSP NO. 157
FACILITY LOCATION: 14041 East Live Oak Avenue, Irwindale

This office has reviewed the LDP/TMP implementation report submitted on October 27, 1986 for the subject facility.

[X] In order better evaluate the report, the information indicated on the attached Additional LDP/TMP Reporting Requirements sheet must be submitted to this office by January 4, 1988.

[ ] Based on the information submitted, the implementation of the LDP/TMP meets this office's requirements. Further reporting requirements will be outlined in the operational permit which will be forwarded to you at a subsequent date.

[ ] Other:

If you have any questions regarding this matter, please contact Mr. Blair Burgess at (213) 226-4437.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

Enc.

cc: Hydrosolutions of California, Inc.

LD304 8/87

C63792

FILE # 593-3S
HMUSP # 157

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ADDITIONAL LDP/TMP REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete evaluation of the LDP/TMP implementation report.

[ ] 1. Plot plan to scale showing locations of tanks and associated piping, boring and monitoring well locations, buildings, adjacent streets, and north arrow.

[ ] 2. Information pertaining to the tanks contradicts information previously submitted on the permit application form or hazardous substance storage statements. These contradictions must be corrected.

[ ] 3. Number and location of soil and/or groundwater samples is not adequate.

[ ] 4. Sampling protocol.

[ ] 5. Sample analysis method(s).

[ ] 6. Boring logs certified by a California registered geologist, California registered civil engineer with sufficient experience in soils, or a California certified engineering geologist.

[ ] 7. Documentation as to depth of groundwater at facility.

[ ] 8. Monitoring well specifications and cross section showing well construction.

[X] 9. Monitoring well specifications do not conform to Los Angeles County guidelines for the groundwater condition. Well heads must be installed to conform to Los Angeles County Guidelines.

[X] 10. Manufacturer and model number of monitoring sensor or device(s). (Certification of installation)

[ ] 11. Manufacturer and model number of pressure line monitoring system.

[ ] 12. Manufacturer and model number of overfill protection device.

[ ] 13. Tank integrity test results and data sheets.

[ ] 14. Manufacturer and model number of Tank Level Monitor (TLM) system.

[ ] 15. Details of inventory reconciliation or tank gauging procedures.

[X] 16. Other: Verify that the piping system for tank 4 is a suction system. A closure permit must be obtained for tank 8.

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

April 22, 1988

IN REPLY PLEASE
REFER TO FILE: I-593-3S

Mr. Frederick Gobler
United Concrete Pipe
Division of U.S. Pipe & Foundary
P.O. Box 429
Baldwin Park, Ca 91706

Dear Mr. Gobler:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT (HMUSP)
LEAK DETECTION PROGRAM/TANK MONITORING PROGRAM (LDP/TMP)
IMPLEMENTATION REPORT
HMUSP NO. 157
FACILITY LOCATION: 14041 EAST LIVE OAK AVENUE, IRWINDALE

This office has reviewed the LDP/TMP implementation report submitted on February 24, 1988 for the subject facility.

[X] In order better evaluate the report, the information indicated on the attached Additional LDP/TMP Reporting Requirements sheet must be submitted to this office by May 20, 1988.

[ ] Based on the information submitted, the implementation of the LDP/TMP meets this office's requirements. Further reporting requirements will be outlined in the operational permit which will be forwarded to you at a subsequent date.

[ ] Other:

If you have any questions regarding this matter, please contact Mr. Blair Burgess at (818) 458-3507.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

Enc.

cc: Rudy's Service Station Maint.

LD304 Rev. 3/88

C63196

FILE # 593-3S
HMUSP # 157

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ADDITIONAL LDP/TMP REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete evaluation of the LDP/TMP implementation report.

[ ] 1. Plot plan to scale showing locations of tanks and associated piping, boring and monitoring well locations, buildings, adjacent streets, and north arrow.

[ ] 2. Information pertaining to the tanks contradicts information previously submitted on the permit application form or hazardous substance storage statements. These contradictions must be corrected.

[ ] 3. Number and location of soil and/or groundwater samples is not adequate.

[ ] 4. Sampling protocol.

[ ] 5. Sample analysis method(s).

[ ] 6. Boring logs certified by a California registered geologist, California registered civil engineer with sufficient experience in soils, or a California certified engineering geologist.

[ ] 7. Documentation as to depth of groundwater at facility.

[ ] 8. Monitoring well specifications and cross section showing well construction.

[X] 9. Monitoring well specifications do not conform to Los Angeles County guidelines for the groundwater condition. *Well heads must be installed to conform to Los Angeles County Guidelines.*

[X] 10. Manufacturer and model number of monitoring sensor or device(s). *(Certification of installation)*

[ ] 11. Manufacturer and model number of pressure line monitoring system.

[ ] 12. Manufacturer and model number of overfill protection device.

[ ] 13. Tank integrity test results and data sheets.

[ ] 14. Manufacturer and model number of Tank Level Monitor (TLM) system.

[ ] 15. Details of inventory reconciliation or tank gauging procedures.

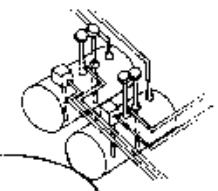
[X] 16. Other: *A closure permit must be obtained for tank #8.*

LD304A Rev. 3/88

I-593

Rudy's
Service
Station
Equipment
Maint., Inc.

24 Hour Emergency Service (818) 443-0196
Lic. #295564



Complete
Underground
Systems

801143
BDB
810.25

February 19, 1988

Los Angeles County Department of
Public Works
1540 Alcazar Street
Los Angeles, CA 90033

RECEIVED
FEB 24 1988
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICE DIVISION

Re: United Concrete Pipe
14041 E. Live Oak Ave.
Baldwin Park, CA 91704

Dear Mr. Blair:

Enclosed is copy of letter from HydroSolution of California, dated August 21, 1987, and plot plan.

Monitoring system complete, using vadose wells and Leak Alert system installed. All in operation.

If you have any questions, please call.

Sincerely,

Luis Argandona

Luis Argandona

LA:ss

Enc/--2

C088 01143W

2017 Seaman Avenue • South El Monte, California 91733 • (818) 443-0181

LEAK ALERT SERVICE COMPANY INC.
24843 Del Prado, Suite 268
Dana Point, CA 92629
Calif. (800) 992-4669
Out-of-State: (714) 661-6511

OFFICIAL START-UP AND CALIBRATION

COMPANY NAME: United Concrete Pipe
LOCATION: 14041 East Live Oak
Baldwin Park, California

On May 18, 1988, Leak Alert Service Company, Inc., a duly authorized service representative of Universal Sensors & Devices, Inc., started up and calibrated (1) LA-04 Alarm Panel(s).

The following items were tested individually and found to be in working order:

Vapor Probe(s): (2)

Liquid Probe(s): (1)

Combo Probe(s):

Leak Rater(s):

Interface:

Deficiencies: None

The alarm panel was tagged and sealed with Leak Alert Service Company, Inc. Seal Number 3

SIGNED BY : Steven E. Henely

BB

UNITED
CONCRETE PIPE
CORPORATION

RECEIVED

JUN 28 1988

DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

810.35

June 22, 1988

803794

Blair Burgess
Hazardous Materials Underground Storage
County of Los Angeles Department of Public Works
Waste Management Division
900 South Fremont Ave.
P.O. Box 1460
Alhambra, CA 91802-1460

Reference: File I-593-38
HMUSP 157

C0803794 e

Dear Mr. Burgess:

The following is a summary of the work that has been done to our underground tanks since your letter dated April 22, 1988. On May 18th Leak Alert Service Company did a start-up and calibration on the Leak Alert equipment that was installed at this plant, and a copy of the start-up report is enclosed. Corrosion resistant metal tags with all appurtenant information have also been affixed to the wellheads in accordance with Department of Public Works regulations. Also, I have enclosed literature for the spill containment boxes and wellheads that were made by CNI Manufacturing. The Vadose wellheads installed here are CNI #209. This equipment has been installed, but the slab will not be poured until we receive the final LDP/TMP approval. The wellhead design and installation will prevent accidental damage, or water entry into the wells and our 24 hour guard should prevent the possibility of vandalism.

Also enclosed are a temporary closure permit form and a check for $141.00 for tank number 8. This concrete walled drain oil sump is located partially under a building, and we are requesting the one year temporary closure to allow us enough time to explore our options thoroughly. A sub-surface investigation of the sump was conducted by Hydroscolutions of California and a complete report of the study was submitted to the Department of Public Works last fall. The test results indicated some contaminated soil immediately below the sump, but the level was less than 10 PPM at 20 feet.

Rec. check 1-20 $141.00 6-28-88 EM.

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

The sump has been empty several years, and all piping has been permanently disconnected, so the standard safety and monitoring procedures for a temporary closure are not possible, but because it has a wood plank top, visual inspections can be performed easily. Therefore, we propose as a monitoring alternate, daily or weekly visual inspections recorded in a log book as proof that the sump has not been used.

These are the last tanks to be brought into compliance, so if the enclosed information is deemed complete by the D.P.W, I hereby request that a permanent HMUSP be issued for the Baldwin Park Plant.

Sincerely,

Fritz C. Gobler, P.E.

FCG:ag

Encl.

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

(7)

Permit	5418 B
File	593 R/C 35
Fee	$ 141 00
Check [X]	Cash [ ]

CLOSED 4MT

OWNER: Name UNITED CONCRETE PIPE Phone 818-337-1211
Mailing Address 14041 E. LIVEOAK AVE City BALDWIN PARK State CA Zip 91706

FACILITY:
Occupant Name UNITED CONCRETE PIPE Phone 818-337-1211
Site Address 14041 E. LIVE OAK AVE City BALDWIN PARK Zip 91706
Mailing Address SAME City SAME State Zip SAME
Contact Person BILL RICHARDSON Title FOREMAN

CONTRACTOR [ ], complete below: OWNER/OPERATOR AS CONTRACTOR [X]
Name RUDY'S SERVICE STATION MAINT. INC Phone 818-443-0181
State License No. 535465 Class C61-D40

CLOSURE REQUESTED:
[ ] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? ϕ
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Construction Material	Age (Years)	Capacity (gal)	Materials Stored (Past/Present)
1	STEEL	15	3,000	WASTE OIL

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Have structural repairs ever been made to these tanks?	[ ]	[X]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature Ruby Arganoona Date 3-16-89
(Print Name) RUBY ARGANOONA Phone 818-443-0181
Owner [X] Operator [ ] Contractor [ ]

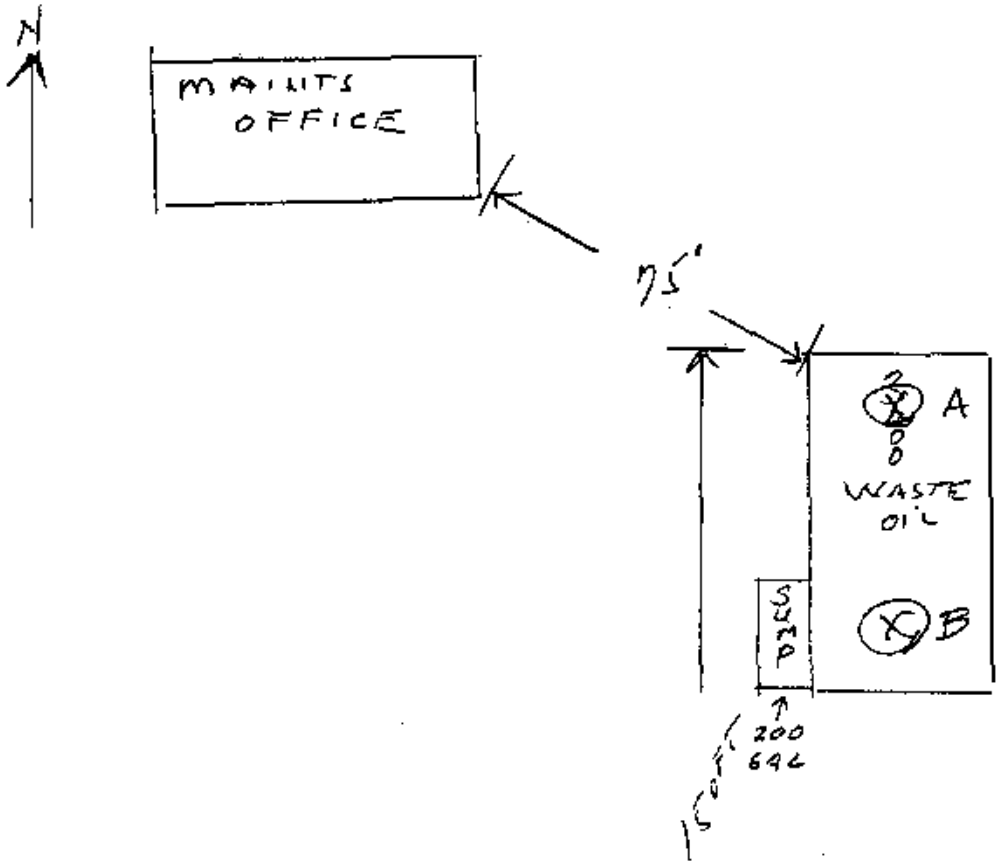
TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

By D Brewer Date 3/16/89

UNITED CONCRETE PIPE
14041 E. LIVE OAK AVE
BALDWIN PARK, CA 91706
818-337-1211 BILL RICHARDSON
EPA# CAD 003986718



OPEN
LOT

OPEN

OFFICE

BALDWIN PARK

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

Closure Permit No. 5418 B
File No. I-592-55

To satisfy [illegible] requirements for underground storage tanks previously containing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth	Compounds	Analysis Method
A, B	2' & 6' BELOW TANK INVERTS	TPH	EPA 8015 & 418.1

3. All soil samples obtained shall be undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

5. The analysis results for all soil samples shall be expressed in milligrams per kilogram (mg/kg). Analysis results for groundwater samples shall be expressed in parts per billion (ppb).

6. Analysis results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) The method of analysis.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever earlier.

cgl/FORMPERMIT

ATTENTION CONTRACTOR

NOTIFICATION REQUIREMENTS

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Materials Underground Storage Closure Permit, you are required to complete ALL of the agency notifications indicated below within the time period specified prior to commencement of work on this closure.

[X] 72 HOURS - DEPARTMENT OF PUBLIC WORKS INDUSTRIAL WASTE ENGINEERING INSPECTOR:

>>Unless otherwise noted DPW inspectors are available at the following offices between 8:00 a.m. and 9:30 a.m. ONLY.<<

[ ] BELLFLOWER DISTRICT - (213) 804-2584
16600 Civic Center Dr., Bellflower, CA 90607

[ ] CENTINELA VALLEY REGION - (213) 534-4862
24320 S. Narbonne Ave., Lomita, CA 90717

[ ] LENNOX DISTRICT - (213) 419-5650
4353 Lennox Blvd., Lennox, CA 90304

[X] SAN GABRIEL VALLEY DISTRICT - (818) 574-0962
1245 S. Baldwin Ave., Arcadia, CA 91006

[ ] EAST LOS ANGELES DISTRICT - (213) 260-3466
5141 E. Pomona Blvd., Los Angeles, CA 90022

[ ] SAN DIMAS REGION - (818) 339-6281
201 E. Bonita Ave., San Dimas, CA 91773

[ ] NEWHALL REGION - (805) 253-7207
23757 W. Valencia Blvd., Santa Clarita, CA 91355

[X] 24 HOURS (OR AS REQUIRED) - LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[X] City of Irwindale

[ ] Los Angeles County Fire Department

[X] 24 HOURS - SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

(818) 572-6195

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

CLOSENOTE
12/88

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802 containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
3. Description of methods for obtaining, handling and transporting samples.
4. Time and date samples were obtained.
5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.
6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to documentation hazardous waste disposal of any removed soil and rinseate.
11. Any observations of site contamination.
12. Remedial action plan to mitigate contamination.
13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.

Signature Steven Gradow Date 3-16-89

cg2/CLOSURE

INVR

08S01702W

UNDERGROUND TANK INSPECTOR'S REPORT

[X] Tank(s) Removal [ ] Tank(s) In Place [ ] Other

Date 3-31-89 Time 10:00

File Number I- 593-35 Permit # 5418 B

Site Name UNITED CONCRETE PIPING

Site Address 14041 E HIVE OAK

BALDWIN PARK CA

No. of Tanks	Quantity	Contents	Type
1	3,000	W/O.	STEEL

* SAMPLES TAKEN IN APPROPRIATE MANNER. I. REQUESTED ANALYSIS 8020 + 418.1 TO DETECT ANY WASTE PRODUCTS OTHER THAN OIL

Contractor RUDYS SERVICE STATION Phone # _____

Address _____

Sample Contractor TERRA TECH (TOM DIERL) Phone # (714) 848-0807

Address P.O. BOX 9406 Fountain Valley Ca 9728

Disposal Company AMR

Inspector

U

902933W

UNDERGROUND TANK INSPECTOR'S REPORT

[ ] Tank(s) Removal [ ] Tank(s) In Place [X] Other

Date 6-1-89 Time 10:00

File Number I- 593-35 Permit # 5418 B

Site Name UNITED CONCRETE PIPE

Site Address 14041 E LIVE OAK

IRWINDALE

No. of Tanks	Quantity	Contents	Type

*SAMPLING OF SPOILS PILES TO DETERMINE CONTAMINATION. FIVE (5) PILES SAMPLED. EACH A 4 PART COMPOSITE. POSSIBLE SLIGHT CONTAMINATION IN 2 OF 5 PILES

Contractor _____ Phone # _____

Address _____

Sample Contractor TERRA TECH Phone # (714) 848-0807 (714) 842-6077

Address P.O. Box 9406

FOUNTAIN Valley CA 92728

Disposal Company _____

Inspector

Waste Mgt
810.25

UNITED
CONCRETE PIPE
CORPORATION

File
I-593-35

[illegible]335W

JOA

June 26, 1989

Los Angeles County
Department of Public Works
Waste Management Division
P.O. Box 1460
Alhambra, CA 91802-1460

Attention: Ms. Nichole Long

Dear Ms. Long:

We have acted upon your verbal approval and backfilled the excavation remaining after removal of our 3,000 gallon waste oil tank.

About one-third of the backfill material was boulders and rocks - the oversize from the 1 inch screening process. The 151.68 tons of undersize was hauled to Casmalia Resources on June 19, 1989.

The screening process resulted in an estimated one-third reduction of material that had to go to disposal. Tony Palagyi of your organization's Arcadia office observed our screening operation. I wish your schedule had permitted you to check it out. I expect, however, that another opportunity will soon come up.

In the meantime, we'll be working on the details needed for completion of this project.

Thanks.!

Sincerely,

Bill Richardson
Principal Project Engineer

BR:ag

cc: G. D. Redmond

C0890323S W

RECEIVED
[illegible] 3 1989
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

CO NTY OF LOS ANGEL S

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

11/09/89

810.25

000593 3 S

U S PIPE & FOUNDRY CO
0 BOX 429
BALDWIN PARK CA 91706

Dear Underground Tank Owner/Operator:

FACILITY LOCATION: 14041 E LIVE OAK
PERMIT NUMBER: 00000157 NUMBER OF TANKS: 2

The recent enactment of Federal regulations for the control and monitoring of underground storage tanks (USTs) has made it necessary for local agencies and the State Water Resources Control Board to update information on file about the USTs at your facility and the ownership of these tanks. The State has developed the enclosed Form "A" (Site) and Form "B" (Tank) to record the required information.

The enclosed forms have been preprinted with information presently on file for the subject location. Please correct any erroneous data and complete the remaining information as described on the enclosed instructions. One Form "A" is required for each location where USTs exist and one Form "B" is required for EACH TANK at that location.

The completed forms must be submitted 30 days from date of this letter to:

DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
P.O. BOX 1460
ALHAMBRA, CA 91802-1460

This submittal is mandatory to maintain your UST permit

There is no fee required for this submittal. However, if there are USTs at this location that were not previously registered, you will be liable for additional permit and State surcharge fees. If some or all of the USTs shown for this location have been closed, so indicate on Form "B" and include the Closure Permit number on your submittal. Please note that USTs permitted for closure will remain on the record until ALL required post-closure information has been submitted and approved.

Your cooperation will greatly assist State and local compliance with UST regulations. Please contact the Waste Management Division, UST Unit, at (818) 458-3517 if you have any questions or need additional forms.

Very truly yours:

T. A. TIDEMANSON
Director of Public Works

HTT-3

C63195

UNITED
CONCRETE PIPE
CORPORATION

FILE 593-35

August 2, 1989

County of Los Angeles
Department of Public Works
Waste Management Division
900 S. Fremont Avenue
Alhambra, CA 91803-1331

Attention: John Awuja

Dear John:

Here is a chronology of events concerning the removal of the 500 gallon concrete sump and 3000 gallon steel tank that had been used for waste oil collection and storage.

4-10-87	HMUSP No. 157 (includes waste oil sump as tank No. 8)
10-5-87	Test Boring Report (Hydrosolutions)
8-2-88	Permit 4654B pulled for 500 gallon concrete drain oil sump
1-12-89	Discovery of 3000 gallon steel tank
3-16-89	Permit 5418B for 3000 gallon steel tank only (pulled by Rudy's)
*3-31-89	Tank cleaned, inspected and removed soil samples S1 and S2 collected
4-13/14-89	Excavation of contaminated soil 9 samples tested by mobile lab
5-31-89	Material divided into 5 piles
*6-1-89	Each pile sampled
*6-15/16-89	All material screened
6-19-89	Fines (-1 inch) hauled to Casmalia
6-19/23-89	Excavation backfilled
6-26-89	Letter to Nichole
7-14-89	Report from Terra-Tech
8-1-89	Discovered permit 5418B covered only 3000 gallon tank

*Tony Palagyi of your Arcadia office was present

+ 68149

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

The physical arrangements of the waste-oil collection system is shown in the attached sketch.

We request that a single permit be issued to cover both the sump and tank.

Sincerely,

Bill Richardson
Principal Project Engineer

BR:ag

Attachment

UNITED CONCRETE PIPE CORPORATION

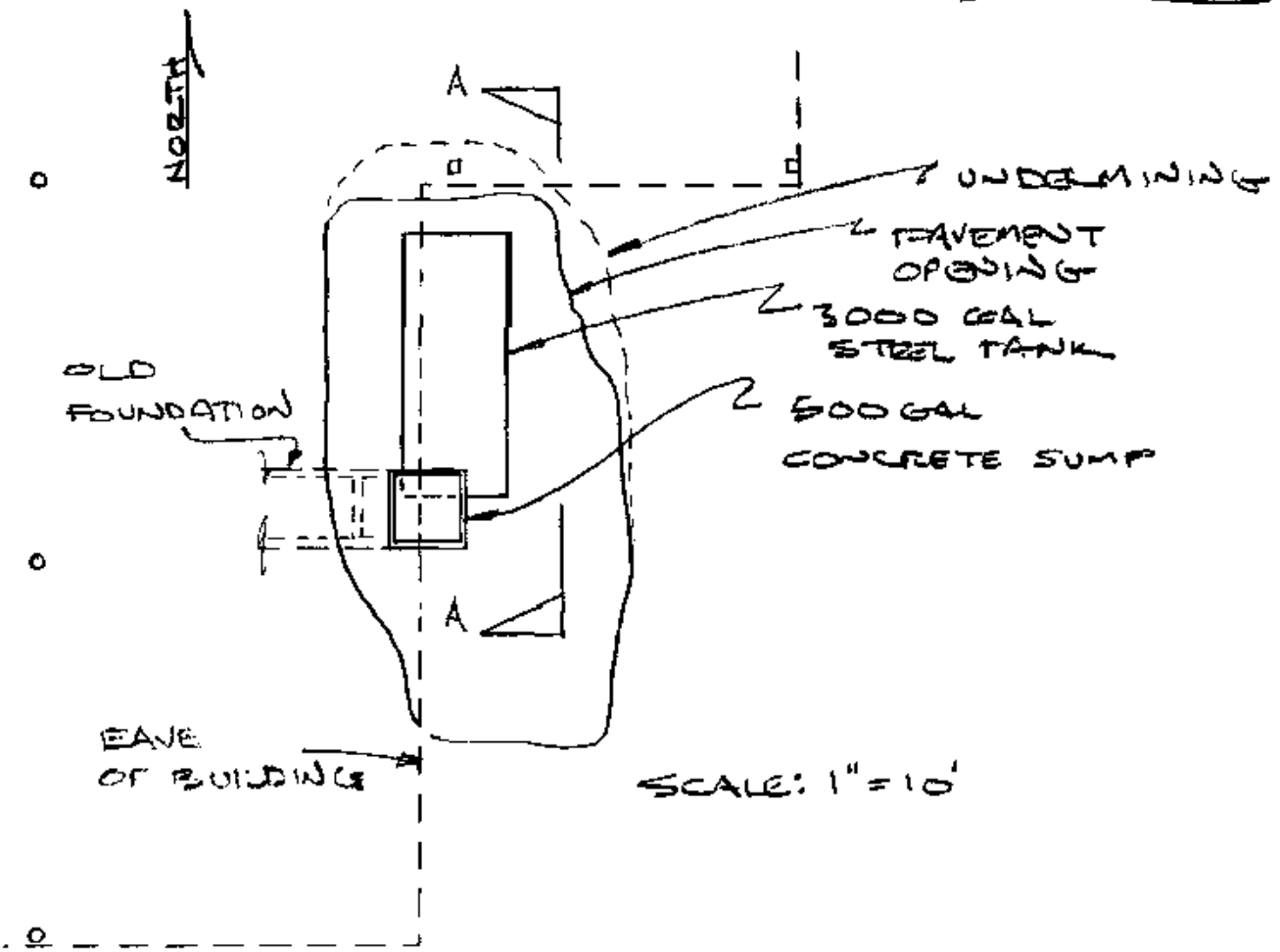
ENGINEERING CALCULATIONS

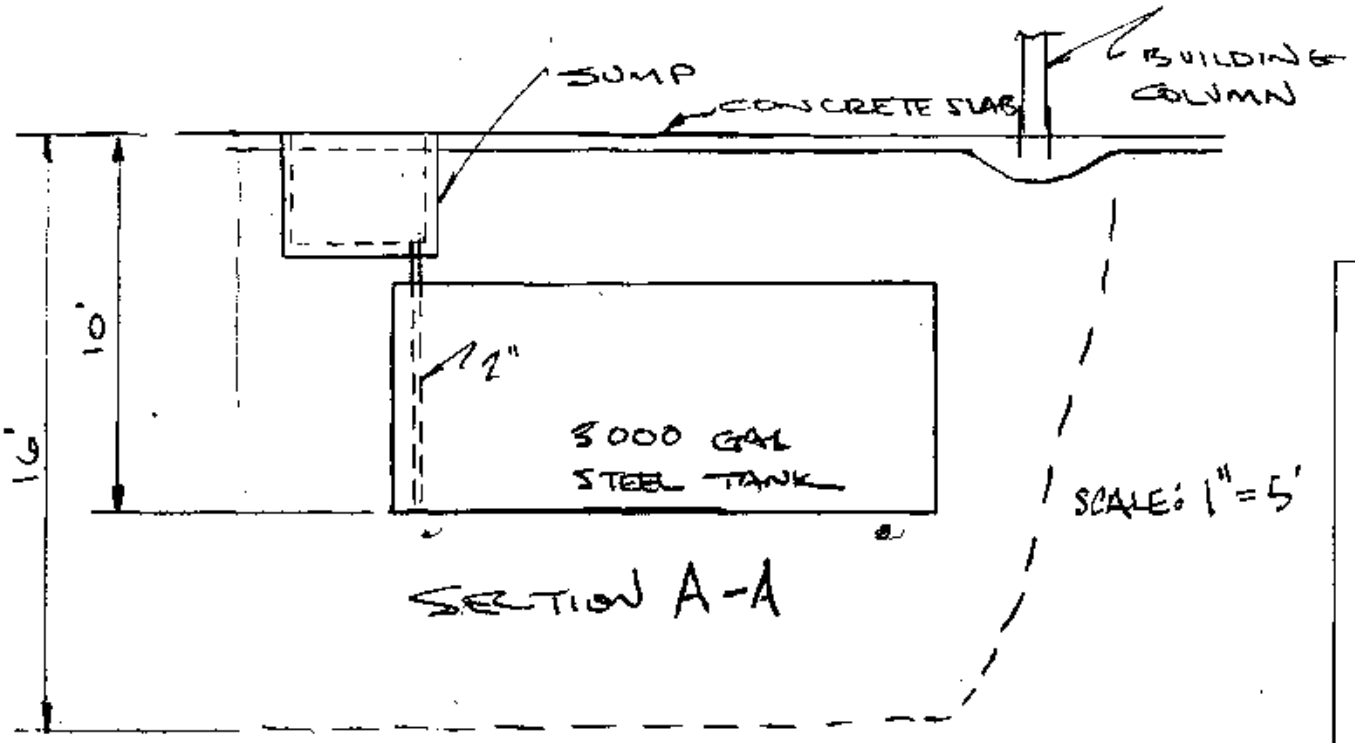
NO.

DESCRIPTION FRP WASTE OIL SYSTEM SHEET OF

DATE 8/2/89

FOR LAYOUT OF SUMP & TANK COMP. BY C'K'D BY





SECTION A-A

DATE

TITLE

LOS ANGELF COUNTY DEPARTMENT OF P LIC WORKS

Waste Management Division

FORM 'A':

SITE

UNDERGROUND STORAGE TANK PROGRAM

FACILITY/SITE INFORMATION

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM				
	☐ 1 NEW PERMIT	☐ 3 RENEWAL PERMIT	☒ 5 CHANGE OF INFORMATION	☐ 7 PERMANENTLY CLOSED SITE
	☐ 2 INTERIM PERMIT	☐ 4 AMENDED PERMIT	☐ 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS — (MUST BE COMPLETED)

FACILITY/SITE NAME UNITED CONCRETE PIPE CORPORATION ~~U S PIPE & FOUNDRY CO~~	CARE OF ADDRESS INFORMATION UNITED CONCRETE PIPE CORPORATION
ADDRESS 14041 E LIVE OAK	NEAREST CROSS STREET BALDWIN PARK BLVD. ✓ Box to indicate ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME IRWINDALE	STATE CA · ZIP CODE 91706 · SITE PHONE #, WITH AREA CODE (818) 337-1211
TYPE OF BUSINESS: ☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☒ 5 OTHER ✓ Box if INDIAN RESERVATION or TRUST LANDS ☐	EPA ID # CAD 982523425 · # of TANK's AT THIS SITE 2
EMERGENCY CONTACT PERSON (PRIMARY)	**EMERGENCY CONTACT PERSON (SECONDARY)**
DAYS: NAME (LAST, FIRST) SAULS, BOB · PHONE # WITH AREA CODE (818) 337-1211	DAYS: NAME (LAST, FIRST) WADLEY, DOYLE · PHONE # WITH AREA CODE (818) 337-1211
NIGHTS: NAME (LAST, FIRST) SAULS, BOB · PHONE # WITH AREA CODE (818) 337-1211	NIGHTS: NAME (LAST, FIRST) WADLEY, DOYLE · PHONE # WITH AREA CODE (818) 337-1211

II. PROPERTY OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME UNITED CONCRETE PIPE CORPORATION	CARE OF ADDRESS INFORMATION UNITED CONCRETE PIPE CORPORATION
MAILING or STREET ADDRESS 14041 E. LIVE OAK AVE.	✓ Box to indicate ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME IRWINDALE	STATE CA · ZIP CODE 91706 · PHONE #, WITH AREA CODE (818) 337-1211

III. TANK OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME UNITED CONCRETE PIPE CORPORATION ~~U S PIPE & FOUNDRY CO~~	CARE OF ADDRESS INFORMATION UNITED CONCRETE PIPE CORPORATION
MAILING or STREET ADDRESS P O BOX 429	✓ Box to indicate ☒ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME BALDWIN PARK	STATE CA · ZIP CODE 91706 0000 · PHONE #, WITH AREA CODE (818) 337-1211

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

CHECK ONE (1) BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR BOTH LEGAL NOTIFICATION AND BILLING: I. ☒ II. ☐ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
F. C. GOBLER [signature]	11-13-89

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FILE #	# of TANKS at SITE
19	000	001	000593	

CURRENT LOCAL AGENCY FACILITY ID # 00000000000	APPROVED BY NAME	PHONE # WITH AREA CODE
PERMIT NUMBER 00000157	PERMIT APPROVAL DATE 03/01/85	PERMIT EXPIRATION DATE

LOCATION CODE	CENSUS TRACT #	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED	DATE FILED
3 S			YES ☐ NO ☐	

CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT #	BY:

38-0023 DPW 9/89

WM018 rev. 10/18/89

C-441898

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
Waste Management Division

FORM 'A':
SITE

UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE, INFORMATION

INSTRUCTIONS FOR COMPLETING THIS FORM

GENERAL INSTRUCTIONS:

1. One FORM "A" shall be completed for all **NEW PERMITS, PERMIT CHANGES** or any **FACILITY/SITE INFORMATION CHANGES.**
2. **SUBMIT ONLY ONE (1) FORM "A"** for a Facility/Site, regardless of the number of tanks located at the site.
3. This form should be completed by either the **PERMIT APPLICANT.**
4. Please type or print clearly all requested information.
5. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

1. Record name and address (physical location) of the underground tank(s).
   NOTE: Address MUST have a valid physical location including city, state, and zip code.
   P.O. BOX NUMBERS ARE NOT ACCEPTABLE.
   Include nearest cross street and care of address information if appropriate.
2. Check the appropriate box for TYPE OF BUSINESS.
3. Check the appropriate box for TYPE OF BUSINESS OWNERSHIP.(ex. CORPORATION, INDIVIDUAL, etc.)
4. If Facility/Site is located on land within an indian reservation or other Indian trust lands, check the box marked "YES".
5. Phone number must have an area code. If the night number is the same, write "SAME" in proper location.
6. Record the E.P.A. ID # or write "NONE" in the space provided.
7. Indicate the NUMBER of TANKS at this SITE.

II. PROPERTY OWNER INFORMATION & ADDRESS - (MUST BE COMPLETED)

1. Complete all items in this section, unless all items are the same as SECTION 1; If the same, write **"SAME AS SITE"** across this section. Be sure to check PROPERTY OWNERSHIP TYPE box.

III. TANK OWNER INFORMATION & ADDRESS - (MUST BE COMPLETED)

1. Complete all items in this section, unless all items are the same as SECTION I; If the same, write **"SAME AS SITE"** across this section. Be sure to check TANK OWNERSHIP TYPE box.

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

1. Check **ONE BOX** for the address that will be used for **BOTH LEGAL and BILLING NOTIFICATIONS.**

Applicant must sign and date form as indicated.

IT IS THE RESPONSIBLITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY/SITE TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS:

DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
P.O. BOX 1460
ALHAMBRA, CA 91802-1460

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
Waste Management Division

FORM 'B':
TANK

UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE INFORMATION
COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM
- [ ] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [ ] 4 AMENDED PERMIT
- [X] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY TANK CLOSURE
- [ ] 7 PERMANENTLY CLOSED TANK
- [ ] 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: UNITED CONCRETE PIPE CORPORATION **FARM TANK - YES** [ ] **NO** [X]

I. TANK DESCRIPTION COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID # 4	B. MANUFACTURED BY: MARSHALL CONSTRUCTION
C. YEAR INSTALLED 1979	D. TANK CAPACITY IN GALLONS: 10,000

II. TANK CONTENTS IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.
- [X] 1 MOTOR VEHICLE FUEL
- [ ] 2 PETROLEUM
- [ ] 3 CHEMICAL PRODUCT
- [ ] 4 OIL
- [ ] 5 HAZARDOUS
- [ ] 80 EMPTY
- [ ] 95 UNKNOWN

B.
- [X] 1 PRODUCT
- [ ] 2 WASTE

C.
- [X] 1 UNLEADED
- [ ] 2 LEADED
- [ ] 3 DIESEL
- [ ] 4 GASAHOL
- [ ] 5 JET FUEL
- [ ] 6 AVIATION GAS
- [ ] 7 METHANOL
- [ ] 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # C.A.S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM
- [ ] 1 DOUBLE WALLED
- [ ] 3 SINGLE WALLED WITH EXTERIOR LINER
- [ ] 95 UNKNOWN
- [X] 2 SINGLE WALLED
- [ ] 4 SECONDARY CONTAINMENT
- [ ] 99 OTHER

B. TANK MATERIAL
- [X] 1 STEEL/IRON
- [ ] 2 STAINLESS STEEL
- [ ] 3 FIBERGLASS
- [ ] 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CONCRETE
- [ ] 6 POLYVINYL CHLORIDE
- [ ] 7 ALUMINUM
- [ ] 8 100% METHANOL COMPATIBLE FRP
- [ ] 9 BRONZE
- [ ] 10 GALVANIZED STEEL
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

C. INTERIOR LINING
- [ ] 1 RUBBER LINED
- [ ] 2 ALKYD LINING
- [ ] 3 EPOXY LINING
- [ ] 4 PHENOLIC LINING
- [ ] 5 GLASS LINING
- [X] 6 UNLINED
- [ ] 95 UNKNOWN
- [ ] IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? [ ] YES [ ] NO
- [ ] 99 OTHER

D. CORROSION PROTECTION
- [ ] 1 POLYETHLENE WRAP
- [ ] 2 TAR OR ASPHALT
- [ ] 3 VINYL WRAP
- [ ] 4 FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CATHODIC PROTECTION
- [ ] 91 NONE
- [X] 95 UNKNOWN
- [ ] 99 OTHER

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND, U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A (U) 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 91 NONE	A U 95 UNKNOWN	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 91 NONE	A U 95 UNKNOWN	A U 99 OTHER
C. MATERIAL	A U 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	A U 91 NONE	
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP		
	A (U) 9 GALVANIZED STEEL	A U 95 UNKNOWN	A U 99 OTHER			

V. LEAK DETECTION SYSTEM CIRCLE P FOR PRIMARY, OR S FOR SECONDARY. A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.

P S 1 VISUAL CHECK P S 2 INVENTORY RECONCILIATION (P) S 3 VADOSE WELLS P S 4 ELECTRONIC MONITOR P S 5 GROUND WATER MONITORING WELLS
P (S) 6 PRECISION TESTING P S 7 PRESSURE TESTING P S 91 NONE P S 95 UNKNOWN P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL?
N/A		[ ] YES [ ] NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
F. C. GOBLER	11-13-89

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FILE #	TANK ID #
19	000	001	000593	

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE
00000000002		

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
Waste Management Divisic

FORM 'B':
TANK

UNDERGROUND STORAGE TANK PROGRAM
TANK INFORMATION

INSTRUCTIONS FOR COMPLETING THIS FORM

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all **NEW PERMITS, PERMIT CHANGES, TANK CLOSURES, TANK REMOVALS,** and/or any other **TANK INFORMATION CHANGE.**
2. This form should be completed by either the **PERMIT APPLICANT**
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the Facility/Site name where the tank is installed.
3. Is this tank a farm tank? Check 'YES' or 'NO'. A farm tank is a tank located on an agricultural farm which stores motor vehicle fuel used to propel farm vehicles.

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank.(ex. AB70789)
B. Indicate the name of the company that manufactured the tank. (ex. ACME TANK MFG.)
C. Indicate the year tank was installed. (ex. 1987)
D. Indicate the tank capacity in gallons. (ex. 25,000 or 10,000, etc.)

II TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
   2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL. (if box 1 is checked in A)
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S. #. (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle **A** if above ground, or **U** if underground; circle both if applicable.
2. If UNKNOWN, circle or if OTHER, print in space provided.

V. LEAK DETECTION SYSTEM

1. Circle **P** for PRIMARY, or **S** for SECONDARY. A primary and/or secondary leak detection system **MUST** be circled.
2. If UNKNOWN, specify or if OTHER, print in space provided.
3. If there is no SECONDARY LEAK DETECTION SYSTEM, circle NONE.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of SUBSTANCE remaining in tank. (in Gallons)
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'YES' or 'NO'.

Applicant must sign and date form as indicated.

IT IS THE RESPONSIBLITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY/SITE TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS:

DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
P.O. BOX 1460
ALHAMBRA, CA 91802-1460

RECEIVED
DEPT. OF PUBLIC WORKS
1988 NOV 17 AM 11:43
900 S. FREMONT AVE.
ALHAMBRA

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
Waste Management Division

FORM 'B':
TANK

UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE INFORMATION
COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM
☐ 1 NEW PERMIT ☐ 3 RENEWAL PERMIT ☒ 5 CHANGE OF INFORMATION ☐ 7 PERMANENTLY CLOSED TANK
☐ 2 INTERIM PERMIT ☐ 4 AMENDED PERMIT ☐ 6 TEMPORARY TANK CLOSURE ☐ 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: UNITED CONCRETE PIPE CORPORATION **FARM TANK - YES** ☐ **NO** ☒

I. TANK DESCRIPTION COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID # 9	B. MANUFACTURED BY: XERXES
C. YEAR INSTALLED 1986	D. TANK CAPACITY IN GALLONS: 10,000

II. TANK CONTENTS IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 5 HAZARDOUS ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1 UNLEADED ☐ 2 LEADED ☒ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # C.A.S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM
☒ 1 DOUBLE WALLED ☐ 2 SINGLE WALLED ☐ 3 SINGLE WALLED WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL
☐ 1 STEEL/IRON ☐ 2 STAINLESS STEEL ☒ 3 FIBERGLASS ☐ 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE FRP
☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING
☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING
☐ 5 GLASS LINING ☒ 6 UNLINED ☐ 95 UNKNOWN
☐ IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? ☐ YES ☐ NO ☐ 99 OTHER

D. CORROSION PROTECTION
☐ 1 POLYETHLENE WRAP ☐ 2 TAR OR ASPHALT ☐ 3 VINYL WRAP ☒ 4 FIBERGLASS REINFORCED PLASTIC
☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND, U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE A (U) 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 91 NONE A U 95 UNKNOWN A U 99 OTHER

B. CONSTRUCTION A (U) 1 SINGLE WALLED A U 2 DOUBLE WALLED A U 3 LINED TRENCH A U 91 NONE A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL
A U 1 STEEL/IRON A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 91 NONE
A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL CLAD W/FRP A U 8 100% METHANOL COMPATIBLE FRP
A (U) 9 GALVANIZED STEEL A U 95 UNKNOWN A U 99 OTHER

V. LEAK DETECTION SYSTEM CIRCLE P FOR PRIMARY, OR S FOR SECONDARY. A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.

P S 1 VISUAL CHECK P S 2 INVENTORY RECONCILIATION P S 3 VADOSE WELLS (P) S 4 ELECTRONIC MONITOR P S 5 GROUND WATER MONITORING WELLS
P (S) 6 PRECISION TESTING P S 7 PRESSURE TESTING P S 91 NONE P S 95 UNKNOWN P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL?
N/A		☐ YES ☐ NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
F. C. GOBLER	11-13-89

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FILE #	TANK ID #
19	000	001	000593	

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE
00000000002		

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

FORM 'B':
TANK

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
Waste Management Divisic
UNDERGROUND STORAGE TANK PROGRAM
TANK INFORMATION

INSTRUCTIONS FOR COMPLETING THIS FORM

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all **NEW PERMITS, PERMIT CHANGES, TANK CLOSURES, TANK REMOVALS,** and/or any other **TANK INFORMATION CHANGE.**
2. This form should be completed by either the **PERMIT APPLICANT**
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the Facility/Site name where the tank is installed.
3. Is this tank a farm tank? Check 'YES' or 'NO'. A farm tank is a tank located on an agricultural farm which stores motor vehicle fuel used to propel farm vehicles.

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank.(ex. AB70789)
B. Indicate the name of the company that manufactured the tank. (ex. ACME TANK MFG.)
C. Indicate the year tank was installed. (ex. 1987)
D. Indicate the tank capacity in gallons. (ex. 25,000 or 10,000, etc.)

II TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
   2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL. (if box 1 is checked in A)
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S. #. (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle **A** if above ground, or **U** if underground; circle both if applicable.
2. If UNKNOWN, circle or if OTHER, print in space provided.

V. LEAK DETECTION SYSTEM

1. Circle **P** for PRIMARY, or **S** for SECONDARY. A primary and/or secondary leak detection system **MUST** be circled.
2. If UNKNOWN, specify or if OTHER, print in space provided.
3. If there is no SECONDARY LEAK DETECTION SYSTEM, circle NONE.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of SUBSTANCE remaining in tank. (in Gallons)
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'YES' or 'NO'.

Applicant must sign and date form as indicated.

IT IS THE RESPONSIBLITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY/SITE TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS:

DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
P.O. BOX 1460
ALHAMBRA, CA 91802-1460

593

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE: 03/01/90 CASE #:

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.
SIGNED: [signature] DATE: 3/30/90

REPORTED BY
NAME OF INDIVIDUAL FILING REPORT: David Esfandi | PHONE: (818)458-3509 | SIGNATURE: David Esfandi
REPRESENTING: ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER ____ | COMPANY OR AGENCY NAME: LA Co. Dept. of public works
ADDRESS: 900 S STREET Fremont Ave CITY Alhambra STATE CA ZIP 91803

RESPONSIBLE PARTY
NAME: United Concrete Pipe ☐ UNKNOWN | CONTACT PERSON: Bill Richardson | PHONE: (818) 337-1211
ADDRESS: 14041 E STREET Live oak Ave CITY Baldwin Park STATE CA ZIP 91706

SITE LOCATION
FACILITY NAME (IF APPLICABLE): United Concrete Pipe | OPERATOR: Bill Richardson | PHONE: (818)337-1211
ADDRESS: 14041 E STREET Live oak Ave CITY Baldwin Park COUNTY LA ZIP 91706
CROSS STREET: Benham Ave

IMPLEMENTING AGENCY(S)
LOCAL AGENCY / AGENCY NAME: LA Co. D.P.W. | CONTACT PERSON: Carl SJoberg | PHONE: (818)458-3539
REGIONAL BOARD: Los Angeles Region | Joshua workman | PHONE: (213)266-7561

SUBSTANCES INVOLVED
(1) NAME: Waste oil | QUANTITY LOST (GALLONS): ____ ☒ UNKNOWN
(2) ____ ☐ UNKNOWN

DISCOVERY/ABATEMENT
DATE DISCOVERED: 12/05/89 | HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER ____
DATE DISCHARGE BEGAN: ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE: 12/05/89
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☐ REMOVE CONTENTS ☐ REPLACE TANK ☒ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☐ OTHER ____

SOURCE/CAUSE
SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER
CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER ____

CASE TYPE
CHECK ONE ONLY: ☒ UNDETERMINED ☐ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS
CHECK ONE ONLY:
☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☒ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION
CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS):
☐ CAP SITE (CD) ☐ CONTAINMENT BARRIER (CB) ☐ VACUUM EXTRACT (VE)
☒ EXCAVATE & DISPOSE (ED) ☐ EXCAVATE & TREAT (ET) ☐ NO ACTION REQUIRED (NA) ☐ OTHER (OT) ____
☐ REMOVE FREE PRODUCT (FP) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ TREATMENT AT HOOKUP (HU)
☐ ENHANCED BIO DEGRADATION (IT) ☐ REPLACE SUPPLY (RS) ☐ VENT SOIL (VS)

COMMENTS

HSC 05 (11/89)

C637176

State Water Resources Control Board
Division of Water Quality
UST Cleanup Program

Notice of Reimbursement
When State Funds are Used

Site Code 593 Date First Reported 12-05-89

Site Name United Concrete Pipe Substance 12035

Address 14041 E. Live Oak Avenue Petroleum (X) Yes ( ) No

City/State/Zip Baldwin Park, CA 91706

The following information has been provided to:

Responsible Party Mr. Bill Richardson

Company Name United Concrete Pipe

Address 14041 E. Live Oak Avenue

City/State/Zip Baldwin Park, CA 90706

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 Resources Control Board.

Contract Project Director:

P.A. Proano (818)458-3549 Date 3/30/90

Signature Telephone Number

PAP:vc/0593

C637168

WATER RESOURCES CONTROL BOARD - DIVISION OF WATER QUALITY

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION - UST PILOT PROGRAM

SITE SPECIFIC QUARTERLY REPORT

CONTRACTOR NO: 19000 SOURCE OF FUNDS: F SUBSTANCE: 12035

SITE NO: 593 FEDERAL EXEMPT: N PETROLEUM: Y

SITE NAME: United Concrete Pipe DATE REPORTED: 12/05/89

ADDRESS: 14041 E. Live Oak Avenue DATE CONFIRMED: 03/01/90

CITY/ZIP Baldwin Park 91706 CATEGORY: R

SITE STATUS

CASE TYPE: S CONTRACT STATUS: EMERGENCY RESPONSE:

RP SEARCH: S DATE UNDERWAY: 03/01/90 DATE COMPLETED: 03/01/90

PRELIMINARY ASSESSMENT: DATE UNDERWAY: DATE COMPLETED:

SITE INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:

REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:

POST REMEDIAL ACTION MONITORING: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TAKEN: TYPE: DATE TAKEN:

LUFT CATEGORY: CASE CLOSED: DATE CLOSED:

DATE EXCAVATION STARTED: REMEDIAL ACTIONS TAKEN:

RESPONSIBLE PARTY

CONTACT NAME: Bill Richardson

COMPANY NAME: United Concrete Pipe

ADDRESS: 14041 E. Live Oak Avenue

CITY/STATE: Baldwin Park , CA 90706

UNDERGROUND STORAGE T. X PILOT PROGRAM — WRCB No. 8-119-550-0
SITE SELECTION WORKSHEET

SITE INFORMATION:

A

Site Name United Concrete Pipe — File No. 593 R/C 3S
Unincorporated Area [ ]
Site Address 14541 E. Live Oak Ave — City Baldwin Park [X]

Responsible Party United Concrete Pipe
PROPERTY OWNER [X] TANK OWNER [ ] OPERATOR [ ] OTHER [ ]
Contact Name Bill Richardson — Phone No. (818) 337-4211

Mailing Address 14041 E. Live Oak Ave

City Baldwin Park — State CA Zip 91706

RESPONSIBLE PARTY	Yes	No	Defer	Date/By
Identify Confirmation:				
Property/Land title records	[ ]	[X]		
HMUSP/Closure permit application	[X]	[ ]		3-16-89 MDE
Notification by RP	[ ]	[X]		
Other	[ ]	[X]		
Exclusion criteria reviewed	[X]	[ ]		3-1-90 MDE
LEAK INFORMATION				
Hazardous Material Released:				
Petroleum Hydrocarbons	[X]	[ ]		12-5-89 MDE
Heavy Metals*	[ ]	[X]		
Chlorinated Solvents*	[ ]	[X]		
Pesticides/Herbicides*	[ ]	[X]		
Other*	[ ]	[X]		
State Form HSC 05 submitted	[X]	[X]	[ ]	~~3-1-90 MDE~~
Soil contamination confirmed	[X]	[ ]	[ ]	12-5-89 MDE
Groundwater contamination confirmed	[ ]	[X]	[ ]	
Proposition 65 report submitted	[ ]	[X]	[ ]	
Free floating product	[ ]	[X]	[ ]	
Perched aquifer	[ ]	[ ]	[X]	
Regional aquifer	[ ]	[ ]	[X]	
Within Superfund area	[ ]	[X]	[ ]	
SITE STATUS				
New Site	[ ]	[X]		
Unauthorized release letter sent	[ ]	[ ]	[X]	
Preliminary Assessment completed	[X]	[ ]	[ ]	12-5-89 MDE
Remedial Action in progress	[X]	[ ]	[ ]	12-5-89 MDE
PILOT PROGRAM NOTIFICATIONS				
Notification of Responsibility to RP	[ ]	[ ]		
Notice of Reimbursement (Form UST01/02)	[ ]	[ ]		
Initial Site Specific Quarterly Report	[ ]	[ ]	[ ]	
*Notification to State DOHS (Form HSC 05)	[X]	[ ]	[ ]	3-1-90 MDE

FUNDING — State [ ] Federal [X]
Form JOBT submitted [ ] [ ]
JOB NUMBER W 200 0593

COMMENTS YMT

SITE RECOMMENDED
Stuart Patteson 3/13/90
UNIT HEAD DATE

APPROVAL
L. A. Rosano 3/30/90
PROJECT MANAGER DATE

C637174

PILOTWKS 11/89

JOBT

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS - JOB CONTROL

J B	P W	DOCUMENT NO:	JOB NO: W2000593	START DATE: M M D D Y Y 030190	EXP DATE: M M D D Y Y 063099	DEPOSIT (Y/N): N	CASH (Y/N):

☑ E - ORG ☐ M - ADJ | JOB DESCRIPTION (30 CHARACTER MAXIMUM): 14041 E LIVE OAK AV BALDWIN PK | JOB TYPE: E | BILLING TYPE: M | PROJECT FUND: | PROJECT:

FAID NO:	RPT CAT	RESTRICT (Y/N):	CUSTOMER NAME: State of CALIF	CUSTOMER ADDRESS: 2014 T STREET P.O. BOX 944212 SACRAMENTO, CA 94244-2120

SERVICER	FUND:	DEPT	ORG:	SUB ORG	APPR:	MINOR OBJ:	PROGRAM:	SUB PGM	REV SRC	SUB REV	RPT CAT:
	A01	PW	47900				E042		9795		

REQUESTER	FUND	DEPT	ORG:	SUB ORG	PROGRAM	SUB PGM	MINOR OBJ	SUB EXP	APPR CODE	JOB:

REF PO DEPT:	REF PURCHASE ORDER NO	REF PO LINE:	CUSTOMER: P W 243609	RPT CAT

COSTING	METHOD (P/D):	CLASS 1:	RATE 1:	CLASS 2:	RATE 2:	DEFAULT:	CLASS 3:	RATE 3:	CLASS 4:	RATE 4:

EXCL OBJS	OBJ 1:	OBJ 2:	OBJ 3:	OBJ 4:	OBJ 5:	DEPOSIT HOLD:	BILLING FLAGS	OPT:	LVL:	A/DST:	HOLD:	CYCLE:

MAX BILLING AMT: | OH RT ID:

JOBD

RESP ORG: 47900	JOB BUDGET:		I/D: D
REV SRC: 9795	SUB REV:	APPR ACCT:	
ISF FUND:	ISF ORG:	ISF SUB ORG	

ISF TRANSFER REVENUE DISTRIB.

FUND: A01	MIN OBJ:	SUB EXP	APPR ACCT
PROGRAM E042	SUB PGM:	SPL ORG:	SPL SUB:

SPECIAL FUND EXPEND. DISTRIB.

S/DIST: 5	FACILITY ID	LAST DATE BILLED
COMMENT REF NO	JOB OPEN INDICATOR:	

DPW JOB REFERENCE DATA

STATE REPORTS	INDICATOR			
SUB RPT CAT	F/G/P	TYPE	JURISDICTION	PERCENT
JURISDICTION	PERCENT	JURISIDCTION	PERCENT	

JOAT ☐ A ☐ C ☐ D

ORGANIZATION NAME	ORG CODE	AMOUNT

PREPARED BY: Brady Jones

APPROVED BY: [signature]

DATE: 3/30/90

DEP DIRECTOR APPROVAL: ☐ REQUIRED ☐ NOT REQD

COMMENTS: State Water Resources Control Board

DEP DIR APPROVAL: _____ DATE: _____

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

file

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

IN REPLY PLEASE
REFER TO FILE

APR [illegible]

WM-1
593

Mr. Bill Richardson
United Concrete Pipe
14041 East Live Oak Avenue
Baldwin Park, CA 90706

Dear Mr. Richardson:

NOTIFICATION OF RESPONSIBILITY FOR REIMBURSEMENT FOR COSTS INCURRED IN ADMINISTERING THE UNDERGROUND STORAGE TANK CLEANUP PROGRAM
SITE ADDRESS: 14041 E. LIVE OAK AVE., BALDWIN PARK, CA 91706

The purpose of this letter is to inform responsible parties that the Los Angeles County Department of Public Works has entered into an agreement with the State of California to oversee the cleanup of contaminated sites, resulting from the unauthorized release of hazardous substances from underground storage tanks. The cleanup of these sites is necessary to protect the public and environment from unnecessary exposure to hazardous chemicals.

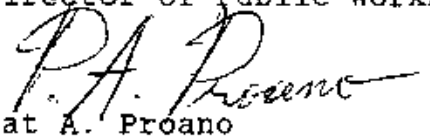
The cleanup program developed by Los Angeles County is funded by State and Federal monies, and is subject to the reimbursement requirements associated with the use of these funds. In order to comply with the reimbursement requirement, it will be necessary to account for all time and materials expended by County staff at each cleanup site. On a routine basis, site specific amounts detailing the time and expenses expended for each site will be provided to the State. The State will then invoice the responsible party for all direct and indirect costs associated with the cleanup of the site.

For your information, please find the enclosed Notice of Reimbursement. This is your formal notification concerning reimbursement requirements for the responsible party. If any of the information contained in the Notice of Reimbursement is incorrect, or if you have any questions regarding the reimbursement requirements, please contact Pat Proano from the Underground Storage Tank Cleanup Program at (818) 458-3979. Any correspondence should be sent to:

Los Angeles County Department of Public Works
Waste Management Division
UST Pilot Program
Attention Pat Proano
P.O. Box 1460
Alhambra, CA 91803-1331

Very truly yours,

T. A. TIDEMANSON
Director of Public Works



Pat A. Proano
Supervising Civil Engineer II
Waste Management Division

PAP:vc/593

Enc.

cc: State Water Resources Control Board
California Regional Water Quality Control Board,
Los Angeles Region

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:

Mr. Bill Richardson
United Concrete Pipe
14041 E. Live Oak Avenue
Baldwin Park, CA 91706

4. Article Number

3775

Type of Service:

- ☐ Registered
- ☒ Certified
- ☐ Express Mail
- ☐ Insured
- ☐ COD
- ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee

X

6. Signature – Agent

X

7. Date of Delivery

4-17-90

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

PENALTY FOR PRIVATE USE, $300

RETURN TO

Waste Mgmt
UST Pilot Program
593

Print Sender's name, address, and ZIP Code in the space below.

County of Los Angeles
Dept. of Public Works
P.O. Box 1460
Alhambra, CA 91802-1460

File P

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: DAVE LOGATO DATE: 4-9-90

FROM: TONY PALAGYI FILE: 593-3X

INDUSTRY: UNITED CONCRETE PIPE
14041 LIVE OAK AVE, BALDWIN PARK

REPORT: I WAS MET ON SITE BY MR. FRITZ GOBLER OF U.C.P. TOGETHER WE INSPECTED THE FORMER TANK LOCATIONS. PHOTO #1 SHOWS THE AREA WHERE THE MOST RECENT TANKS WERE REMOVED. I HAD WITNESSED THE CLOSURE AND REMOVAL OF CONTAM. SOILS.

PHOTO #2 IS THE AREA WHERE GAS TANKS WERE REMOVED AND REPLACED. THE EXCAVATION HAS NOT BEEN ASPHALTED DUE TO U.C.P. AWAITING FINAL CLOSURE FROM US. IN LOOKING THROUGH THE FILE IT APPEARS THIS TANK FARM HAS BEEN GRANTED FINAL CLOSURE. THE NEW TANKS ARE BEING MONITORED BY A LEAK-ALERT SYSTEM.

ALSO OF INTEREST AT THIS SITE IS THE USE OF DIESEL FUEL AS A RELEASING AGENT IN THE CONCRETE PIPE MOLDS. THE AREA WHERE THIS OPERATION IS HIGHLY SUSCEPTIBLE TO CONTAMINATION. A SITE ASSESSMENT HAS BEEN DONE AND WORK ON THE AREA SHOULD COMMENCE SHORTLY. A WRITTEN REQUEST FOR COPIES OF THE SITE ASSESSMENT MAY BE IN ORDER.

C63713

38-0002 DPW 10/86

D.I

COUNTY OF LOS ANGELES
IT OF PUBL

anagement

TOR'S REI





PHOTO #1, AREA OF MOST RECENT REMOVAL. CONTAM. SOIL HAULED AWAY.

PHOTO #2
NEW INSTALLATIONS IN OLD TANK FARM.



MONITORING FOR NEW TANKS.

D.F.

FILE

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE:
I-593-3S

July 6, 1990

Mr. Bill Richardson
United Concrete Pipe
P.O. Box 429
Baldwin Park, CA 91706

Dear Mr. Richardson:

UST PILOT PROGRAM REVIEW SHEET
HAZARDOUS MATERIALS UNDERGROUND STORAGE
TANK CLOSURE REPORT
CLOSURE PERMIT NO. 4654B AND 5418B
FACILITY: 14041 EAST LIVE OAK AVENUE

This office has reviewed the subject document(s) submitted on December 5, 1989. The comments in this letter must be addressed and submitted to this office by July 30, 1990.

In order to better evaluate the Tank Closure Report, the information indicated on the note below must be submitted.

Note: Discuss the removal (Permit No. 4654B) of the 500 gallon concrete sump which was removed March 23, 1989. Discuss the use of diesel fuel used as a releasing agent for concrete pipe molds.

You are cautioned that any contaminated soils or hazardous materials generated during the approved operation must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.5, unless evidence is presented indicating that the material may be disposed of at a less restricted facility. Copies of all completed manifests shall be submitted to this office as part of the final report.

Correspondence should be submitted to the Los Angeles County Department of Public Works, UST Pilot Program, Annex Building, P.O. Box 1460, Alhambra, CA 91802-1460.

4916C

Correspondence should be submitted to the Los Angeles County Department of Public Works, UST Pilot Program, Annex Building, P.O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Yvonne M. Taylor
Yvonne M. Taylor
UST Pilot Program
Waste Management Division

YM

Reviewed P. A. Proano
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

Enc.

cc: California Regional Water Quality
Control Board
Rudy's Service Station

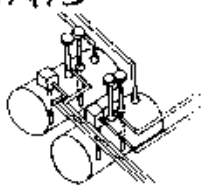
PP100 4/90

ts(4)/593

Rudy's
Service
Station
Equipment
Maint., Inc.

24 Hour Emergency Service (818) 443-0196
Lic. #295564

860.4.3



Complete
Underground
Systems

MMT ✓

PL 000515

July 16, 1990

County of Los Angeles
Department of Public Works
900 S. Fremont Ave.
Alhambra, CA 91803

Ref: T0593-3S

Dear Ms. Taylor:

In response to your letter of July 6, 1990, Rudy's Service Station Maintenance was contracted to remove concrete sump.

Contaminated soils or hazardous materials generated at the United Concrete Pipe, Baldwin Park site was handled by United Concrete Pipe.

Please call if you need additional information.

Respectfully,

Luis Argandona

LA:ss

CC: Bill Richardson
United Concrete Pipe

COPOOSISW

2017 Seaman Avenue • South El Monte, California 91733 • (818) 443-0181

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE

I-593-3S

December 3, 1990

Mr. Bill Richardson
United Concrete Pipe
P.O. Box 429
Baldwin Park, CA 91706

Dear Mr. Richardson:

UST LOCAL OVERSIGHT PROGRAM REVIEW SHEET
HAZARDOUS MATERIALS UNDERGROUND STORAGE
TANK CLOSURE AT UNITED CONCRETE PIPE
CLOSURE PERMIT NO. 4654B AND 5418B
FACILITY: 14041 EAST LIVE OAK AVENUE, BALDWIN PARK

This office has reviewed the subject document submitted on October 29, 1990, dated October 18, 1990. The comments in this letter must be addressed and submitted to this office by January 3, 1991.

A wet ink signature on the report is required by a CA Registered Geologist, CA Certified Engineering Geologist, Registered Geotechnical Engineer, or a CA Registered civil Engineer with sufficient experience in soils.

You are cautioned that any contaminated soils or hazardous materials generated during the approved operation must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.5, unless evidence is presented indicating that the material may be disposed of at a less restricted facility. Copies of all completed manifests shall be submitted to this office as part of the final report.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site. The Los Angeles County Department of Public Works may disregard the work performed if the County was not properly notified.

Correspondence should be submitted to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Yvonne M. Taylor
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed P. A. Proano
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

Enc.

cc: California Regional Water Quality
Control Board
Mr. Tom Zdeb, Woodward-Clyde Consultants

PP100 4/90

ts(9)/593

C UNTY OF LOS ANGE ES
DEPARTMENT OF PUBLIC WORKS
900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 25, 1991

IN REPLY PLEASE
REFER TO FILE

I-593-3S

Mr. Bill Richardson
United Concrete Pipe
P.O. Box 429
Baldwin Park, CA 91706

Dear Mr. Richardson:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE CERTIFICATION
CLOSURE PERMIT NOS. 4654B AND 5418B
FACILITY LOCATION: 14641 EAST LIVE OAK AVENUE, BALDWIN PARK

This office has reviewed the final report submitted on October 29, 1991. Based on the information submitted, this letter confirms the completion of site investigation and remedial action at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is our position that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present or future operations at this site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings or site usage.

Any questions regarding this matter should be directed to Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

P. A. Proano

Pat A. Proano
Supervising Civil Engineer II
Waste Management Division

cc: California Regional Water Quality Control Board
Woodward Clyde Consultants

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:

Bill Richardson 593
United Concrete Pipe
P.O. Box ~~402~~ 3033
~~Baldwin Park CA 91706~~
RIVERSIDE, CA 92509

4. Article Number
37320

Type of Service:
- ☐ Registered
- ☐ Insured
- ☒ Certified
- ☐ COD
- ☐ Express Mail
- ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee
X

6. Signature — Agent
X

7. Date of Delivery
2-25-91

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form **3811**, Apr. 1989 *U.S.G.P.O. 1989-235-815

DOMESTIC RETURN RECEIPT

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

SAN BERNARDINO CA 924 35
PM
25 FEB
1991

ALWAYS
USE ZIP CODE

U.S.MAIL

PENALTY FOR PRIVATE USE, $300

SENDER INSTRUCTIONS

Print your name, address and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

RETURN TO

Print Sender's name, address, and ZIP Code in the space below.

LA County Dept of Public Works
Waste Management Div., UST LOP
P.O. Box 1460
Alhambra, CA 91802-1460

W.T.
950.87.11

STATE OF CALIFORNIA — PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500

101048

RECEIVED
FEB 20 1991
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

February 8, 1991

Mr. Peter C. Tilton
THE KOLL COMPANY
818 West Seventh Street, Suite 700
Los Angeles, CA 90017

WELL INVESTIGATION PROGRAM-REVIEW OF PRELIMINARY ENDANGERMENT/SITE ASSESSMENT REPORTS: (FILE NO. AB108.1643), FORMER UNITED CONCRETE PIPE CORPORATION PROPERTY AT 14041 EAST LIVE OAK AVENUE BALDWIN PARK, CA.

Board staff are in receipt of Woodward-Clyde Consultants reports, Preliminary Endangerment Assessment for the United Concrete Pipe Manufacturing Facility, (June 14, 1990), and Preliminary Site Assessment for United Concrete Pipe Manufacturing Facility, (January 19, 1989), detailing site history, hazardous waste management, mitigation and remediation. Staff also recieved a State Department of Health Services letter, Review of Preliminary Endangerment Assessment, dated June 22, 1990.

It appears the site has been adequately assessed for flammability, pH, semi-volatile organics and acute aquatic toxicity (as per State DHS letter dated June 22, 1990). However, careful review of the aforementioned documents indicates that three areas of solvent (including 1,1,1 TCA) use and storage on-site have not been adequately assessed to determine if soils and potentially ground water have been contaminated with volatile organic compounds (VOCs). The areas of concern include:

1. An asphalt-covered solvent storage area (area I) east of the former location of the laboratory and inspector's office. A portion of the area was trenched to unrecorded depth. The trench was visually inspected and screened with an organic vapor analyzer (OVA). No soil samples were taken.

2. An asphalt-concrete slab covered area (area G) west of the former location of the garage which was used for vehicle steam-cleaning. A portion of this area was trenched to an unrecorded depth, visually inspected, and screened with an OVA. Although one (1) grab soil sample (G-1) was collected at a depth of one foot, analyzed by EPA Method 8240 and showed ND this does not constitute adequate assessment of the area.

C9101048W

3. Southeast of the former location of the garage (area B) a underground 500 gallon concrete sump, 3000 gallon steel tank and associated piping were removed. Six (6) grab soil samples were collected at depths ranging from 10 feet to 17 feet below ground surface (bgs) beneath the removed steel tank. A Sample collected at 10 feet bgs and analyzed by EPA Method 8020 (but not 8010) contained 580 ppb toluene. Soil samples were not collected beneath the removed concrete sump.

Discrete, undisturbed soil samples were not collected in any of the aforementioned areas. Also, analysis for halogenated compounds by EPA Method 8010 or 8260 was not conducted on any of the soil samples, except previously mentioned soil sample G-1 (area G) which was analyzed by EPA Method 8240.

Based upon our evaluation of the above data and information presented, work will be required to determine whether soil and/or ground water may have been impacted by solvent use/storage at the former United Pipe Concrete facility. Although discrete, undisturbed soil samples, collected from properly placed borings in areas I,G, and B can be analyzed by EPA Method 8010/8020 or 8260 to assess soils for possible VOC contamination, it is recommended that a quantitative active soil gas survey be conducted to assess soils in the above mentioned areas. In either case VOC contaminated soils must be mitigated.

A workplan for conducting the required subsurface investigation (whether soil gas or discrete, undisturbed soil sampling) must be submitted to this Regional Board. A workplan utilizing discrete, undisturbed soil sampling must address all items on the enclosed WORKPLAN REQUIREMENTS FOR INITIAL SUBSURFACE SOIL INVESTIGATION. If a soil gas survey is conducted the following minimum workplan requirements must be addressed:

1. Provide a scaled map of the areas (I, G, B) and any other areas to be investigated showing locations of all previous above/below ground tanks, pumps, sumps, piping, drains, cesspools, trenches, boreholes, sample points and all proposed soil gas sample points/nodes.

2. A tight-grid, multi-depth sampling pattern should be used in all areas. Provide rationale for number, location and depth of sample points.

3. Provide a description of soil gas collection/analyses and quality assurance/quality control procedures.

4. Perform "real time" analyses of individual organic compounds with an on-site field laboratory using a gas chromatograph equipped with PID, ECD, and/or Hall detectors.

5. Obtain soil gas samples at adequate depths below ground surface to minimize any atmospheric effects.

6. Detection limits of 0.01 ppm (v/v) must be achieved by the laboratory.

7. Obtain discrete, undisturbed confirmatory soil samples, if possible, at soil gas "high" and "low" spots and analyze for VOCs by EPA Method(s) 8010/8020 or 8260 to quantitation limits (QLs) of 5-10 ug/kg.

8. Discuss soil gas survey results (include maps and/or diagrams where appropriate) and present conclusions and recommendations.

9. Provide all chain of custody documents and complete laboratory QA/QC sheets with the report.

It is suggested that the soil gas survey be initiated and concluded before any foundation work (i. e. concrete slabs) are poured for the planned site development as this would impair accessibility and incur greater cost.

You are responsible for ascertaining the qualifications of the consultant(s) whom you retain for service and for sharing the work requirements with them. Work plans should be submitted by qualified personnel. Improperly conducted investigations and results will not be approved.

Sampling procedures should take into consideration geological conditions (unconsolidated cobbles-boulders) in the general area of the subject site which may restrict sampling and/or boring.

In addition, area C (pour line) as defined in the aforementioned reports is being referred to Los Angeles County, Department of Health Services for possible investigation in accordance with their requirements.

Four copies of the work plan containing all requested information regarding areas I, G and B must be submitted to this Regional Board by **March 15, 1991.** Please remember that the work plan should not be implemented until it has been approved by Board staff.

Please contact Rick Kaumeyer at (213) 266-7622 if you have any questions concerning this matter and address all correspondence to his attention.

ROY R. SAKAIDA
Senior Water Resource
Control Engineer

RRS:PAR:rk

cc: Mr. Joe Viray, U. S. Environmental Protection Agency, Region IX
Mr. Stephen Lavinger, State Department of Health Services, Region 3, Site Mitigation Unit
Mr. Thomas Klinger, Los Angeles County, Department of Health Services, Site Mitigation Unit
Mr. Leon Directo, Los Angeles County Sanitation District
Mr. Carl Sjoberg, Los Angeles County Department of Public Works
Mr. Carlos Alvarado, City of Irwindale, City Engineer
Mr. Julian Dawson, City of Baldwin Park, Building Department

Enclosure

WASTE

203 North Golden Circle Drive
Santa Ana, CA 92705
(714) 835-6886
(213) 581-7164
Fax: (714) 667-7147
Telex: 68-3420

Woodward-Clyde Consultants

(6)

18 October 1990
Project No. 904W217A

RECEIVED
OCT 23 1990
DEPARTMENT OF HEALTH SERVICES
WASTE MANAGEMENT DIVISION

10.25

Ms. Yvonne Taylor
UST Pilot Program
Waste Management Division
P.O. Box 1460
Alhambra, California 91802-1460

SUBJECT: TANK CLOSURE AT UNITED CONCRETE PIPE

Dear Ms. Taylor:

Woodward-Clyde Consultants has been requested by the Koll Company to provide the information you requested regarding the tank closure at United Concrete Pipe 14041 E. Live Oak Avenue, Baldwin Park, California 91706 (File No. I-593-3B). As discussed during the telephone conversation of 12 October 1990, this information is provided as clarification between yourself and Tom Zdeb of Woodward-Clyde regarding the removal of the 500 gallon concrete sump (Permit No. 4654B) and the 3,000 gallon storage tank (Permit No. 5418B) (see Appendix A). In addition, a brief explanation of the use of "diesel oil" as a releasing agent for concrete pipe at the facility is included. It is hoped that this information will assist you and your office in closing the files for these tanks.

A chronology of events concerning the 500 gallon sump and the 3,000 gallon tank dated 2 August 1989, was forwarded to your office on or about that date (see Appendix B). Briefly, the chronology states that the 3,000 gallon tank was discovered on 12 January 1989, sometime after the 500 gallon sump was known to exist. The "Layout of Sump and Tank" included with this chronology, shows that the 500 gallon sump was located directly above the 3,000 gallon tank. From the diagram, it appears that the sump served as some type of receiving vessel for the tank. After that time, the interconnected tanks were handled as one unit by United Concrete Pipe in regards to the excavation of contaminated soil. The last entry of the chronology dated 1 August 1989 notes "Discovered permit 5418B covered only the 3,000 gallon tank", which is reference to the fact that the 500 gallon sump was not, strictly speaking, being handled as a separate unit during excavation.

An attempt to consolidate the permits for the 500 gallon sump and the 3,000 gallon tank was made by Bill Richardson of United Concrete Pipe by telephone on 3 August 1989. His note of the conversation is included with the copy of the Permit #4654 (Appendix A). He noted that the matter (presumably the

one regrading the 500 gallon tank) was "closed out on computer by John Awuso" (spelling may be incorrect). Whether the close out was completed is unknown.

The completed Tank Closure Report, authored by Terra Tech Labs, was forwarded to your office in early December 1989. A copy of the cover letter, dated 1 December 1989 and the report dated 8 July 1989 are included as Appendix C.

The report includes the field and laboratory procedures used for the investigation and in addition contains as Appendices copies of the following:

A. Application For Closure Permit No. 5418B

B. Hazardous Waste Manifest No. 87782075 (For oil and water from tank)

C. Tank Contents Testing Results

D. Tank (Metal) Disposal Form

E. Chain-of-Custody Forms

F. Laboratory Results

G. Correspondence with Ms. Nicole Long of the Department of Public Works, regarding contaminated material reduction activities

H. Hazardous Manifests for soil removed from the combined excavation for the 500 gallon sump and the 3,000 gallon tank. Manifests 88451711, 88451712, 88451714, 88451715, 88451716.

In addition, a copy of Manifest 88451717, which was apparently omitted in some copies of the original tank closure report is included as Appendix D to this letter.

The "diesel fuel" releasing agent referenced in your letter dated 6 July 1990, should probably be more accurately called "Form oil C-572." A copy of the Material Safety Data Sheet (MSDS) for this material is supplied as Appendix E. Form oil is primarily composed of mineral oil and was used as a release agent for the concrete forms. It was applied as a thin coating on the steel surfaces of the pipe forms to prevent the concrete from adhering to the surfaces as the concrete hardened during manufacture of concrete pipe.

The primary location for these concrete form related activities was several hundred feet away from the location of the 500 gallon sump and the 3,000 gallon tank, and the activities at the two locations appear to have been unrelated with regards to the oils used.

We hope this information will be useful in assisting you and your office in completing a Final Closure for this sump and tank. If you have any questions or require additional information, pleas contact either of the undersigned at (714) 835-6886.

Very truly yours,

WOODWARD-CLYDE CONSULTANTS

Tom Zdeb
Assistant Project Scientist

Alistaire Callender, Ph.D.
Associate

TFZ:kp
(2k) C:\MS2\MSDATA\ABC\UCP-CL.DOC 10/24/90
Attachments – 15

cc: Peter Tilton, The Koll Company, w/encl.

APPENDIX A

Permits for Sump and Tank Closure

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

RECEIVED 1 1988
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

4654B

OWNER:
NAME UNITED CONCRETE PIPE CORPORATION
ADDRESS 14041 E. Live Oak Ave. CITY Irwindale STATE CA ZIP 91708

FACILITY:
NAME UNITED CONCRETE PIPE CORPORATION
SITE ADDRESS 14041 E. Live Oak Ave. CITY Irwindale ZIP 91708
MAILING ADDRESS P.O. Box 429 CITY Baldwin Park STATE CA ZIP 91706
CONTACT PERSON Fritz Gobler TITLE Prin. Mech. Engr PHONE (818) 337-1211

RECIEPT # 131386

CLOSURE REQUESTED:
☒ TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
EFFECTIVE DATE OF CLOSURE 6-1-88
DATE OPERATION WILL RESUME 6-1-89
☐ PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION
(REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
☐ PERMANENT, TANK(S) IN PLACE
(REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

TANK NO.	MATERIAL	AGE (YEARS)	CAPACITY (GAL)	MATERIALS STORED (PAST AND PRESENT)
8	Concrete		500	Drain Oil - Has been empty for several years 8/3/89 - CLOSED OUT ON COMPUTER BY JOHN AWUHO

	YES	NO
HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE?	☒	☐
HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS?	☐	☒
WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE?	☐	☒
WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED?	☐	☒

IF THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

APPLICANT'S SIGNATURE [signature] DATE 7-22-88
OWNER ☒ OPERATOR ☐ CONTRACTOR
STATE LICENSE NO.

TO BE COMPLETED BY THE COUNTY ENGINEER

BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED $ 141.00
PERMIT NO 4654B
FILE NO 593 R/C 35

[signature] DATE Aug 2, 1988
TO ARRANGE FOR AN INSPECTION, TELEPHONE ROGER HRIBEE (818) 574-0962

CL203 Revised 9/88

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERG[illegible]UND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
300 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

RECEIVED [illegible] MORGAN
AUG 1 1989

Permit	5418 B
File	593 R/C 35
Fee	$ 141 00
Check [X] Cash [ ]	

OWNER: Name UNITED CONCRETE PIPE Phone 818-337-1211
Mailing Address 14041 E. LIVE OAK AVE City BALDWIN PARK State CA Zip 91706

FACILITY:
Occupant Name UNITED CONCRETE PIPE Phone 818-337-1211
Site Address 14041 E. LIVE OAK AVE City BALDWIN PARK Zip 91706
Mailing Address SAME City SAME State Zip SAME
Contact Person BILL RICHARDSON Title FOREMAN

CONTRACTOR [ ], complete below: OWNER/OPERATOR AS CONTRACTOR [✓]
Name RUDY'S SERVICE STATION MAINT. INC. Phone 818-443-0181
State License No. 535465 Class C61-D40

CLOSURE REQUESTED:
[ ] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Construction Material	Age (Years)	Capacity (gal)	Materials Stored (Past/Present)
1	STEEL	15	3,000	WASTE OIL

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[✓]
Have structural repairs ever been made to these tanks?	[ ]	[✓]
Will new underground tanks be installed after closure?	[ ]	[✓]
Will any wells, including monitoring wells, be abandoned?	[ ]	[✓]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature Ruby Arganoza Date 3-16-89
(Print Name) RUBY ARGANOZA Phone 818-443-0181
Owner [✓] Operator [ ] Contractor [ ]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

By [signature] Date 3/16/89

APPENDIX B

United Concrete Pipe Chronology and Diagrams

UNITED
CONCRETE PIPE
CORPORATION

August 2, 1989

County of Los Angeles
Department of Public Works
Waste Management Division
900 S. Fremont Avenue
Alhambra, CA 91803-1331

Attention: John Awuja

Dear John:

Here is a chronology of events concerning the removal of the 500 gallon concrete sump and 3000 gallon steel tank that had been used for waste oil collection and storage.

4-10-87	HMUSP No. 157 (includes waste oil sump as tank No. 8)
10-5-87	Test Boring Report (Hydrosolutions)
8-2-88	Permit 4654B pulled for 500 gallon concrete drain oil sump
1-12-89	Discovery of 3000 gallon steel tank
3-16-89	Permit 5418B for 3000 gallon steel tank only (pulled by Rudy's)
*3-31-89	Tank cleaned, inspected and removed soil samples S1 and S2 collected
4-13/14-89	Excavation of contaminated soil 9 samples tested by mobile lab
5-31-89	Material divided into 5 piles
*6-1-89	Each pile sampled
*6-15/16-89	All material screened
6-19-89	Fines (-1 inch) hauled to Casmalia
6-19/23-89	Excavation backfilled
6-26-89	Letter to Nichole
7-14-89	Report from Terra-Tech
8-1-89	Discovered permit 5418B covered only 3000 gallon tank

*Tony Palagyi of your Arcadia office was present

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

The physical arrangements of the waste-oil collection system is shown in the attached sketch.

We request that a single permit be issued to cover both the sump and tank.

Sincerely,

Bill Richardson
Principal Project Engineer

BR:ag

Attachment

UNITED CONCRETE PIPE CORPORATION

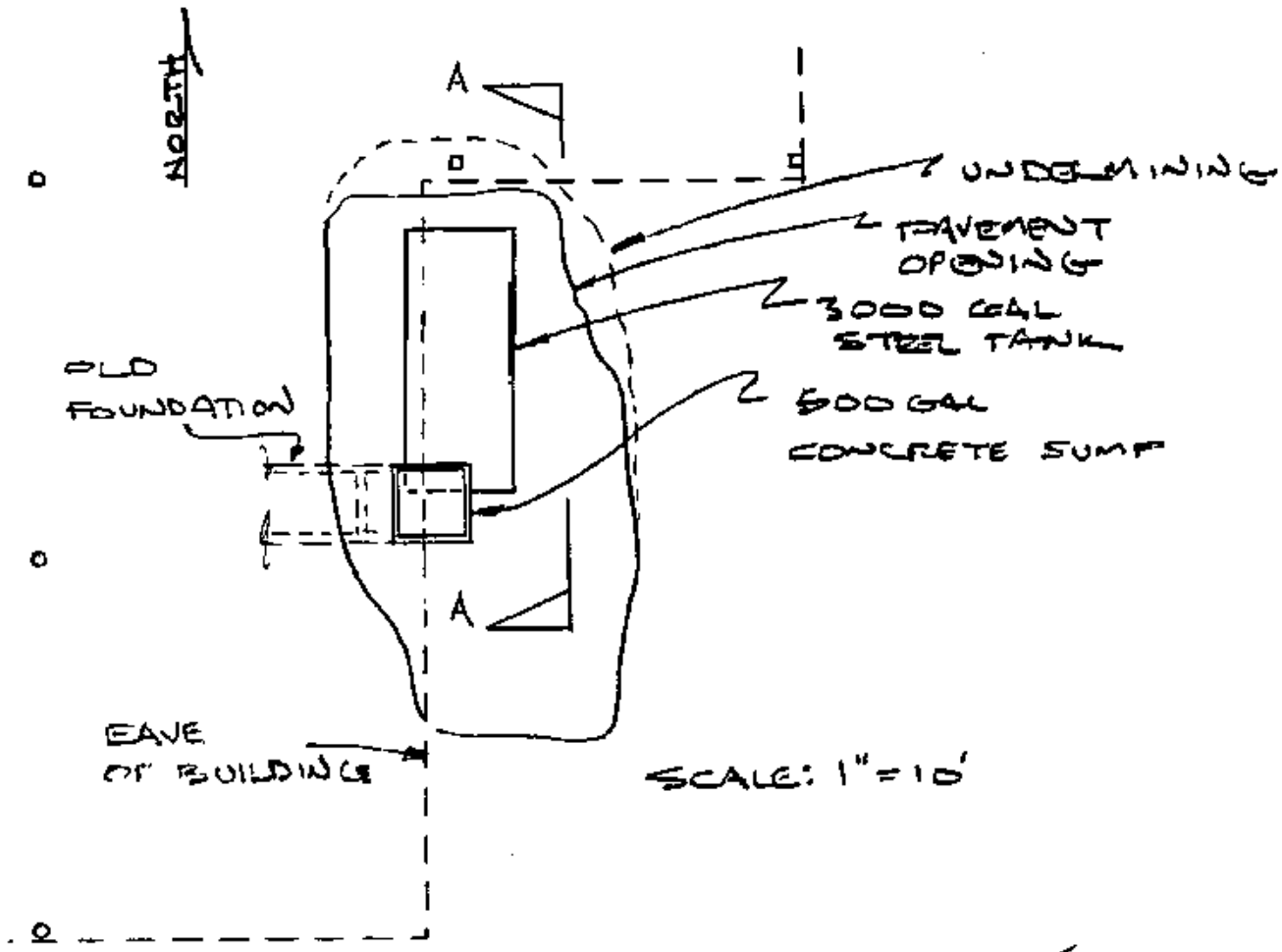
ENGINEERING CALCULATIONS

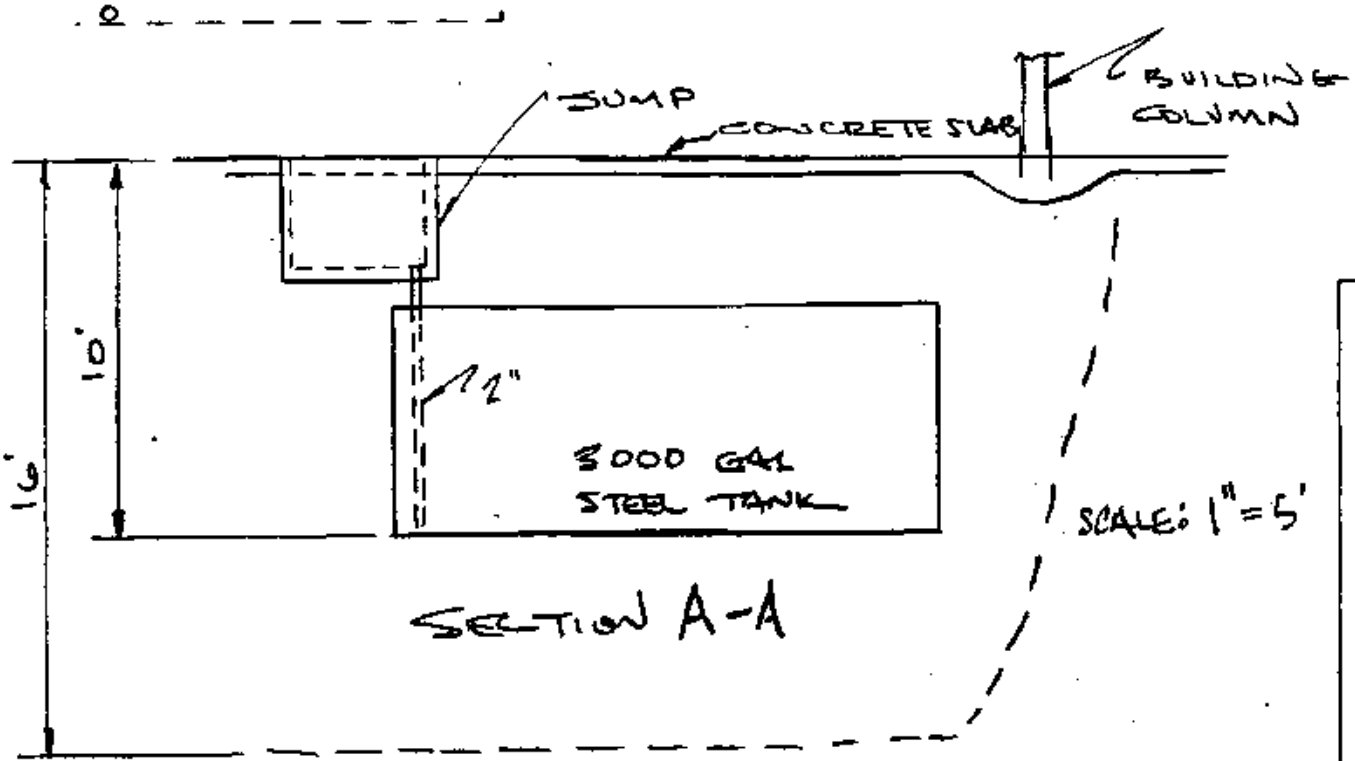
NO. _____

DESCRIPTION RP WASTE OIL SYSTEM SHEET _____ OF _____

DATE 8/2/89

FOR LAYOUT OF SUMP & TANK COMP. BY _____ C'K'D BY _____





SECTION A-A

DATE

TITLE

APPENDIX C

Tank Closure Report

And Correspondence Dated 1 December 1989

UNITED
CONCRETE PIPE
CORPORATION

December 1, 1989

County of Los Angeles
Dept. of Public Works
Waste Mgmt. Division
900 S. Fremont Ave.
Alhambra, CA 91803-1331

Attention: John Awuja

RE: HMUSP 157
FILE 593
PERMIT 4654B, & PERMIT 5418

Dear Mr. Awuja:

The geologist's report for the 500 gallon sump and 3,000 gallon waste oil tank is enclosed. If any additional information is required, please let me know so that this closure can be completed.

Sincerely,

Fritz C. Gobler, P.E.

FCG:ag

Encl.

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

INTRODUCTION

The United Concrete Pipe Corporation located at 14041 East Live Oak Avenue in the City of Irwindale, California had used a waste oil system consisting of a 500 gallon concrete sump piped to a 3,000 gallon steel storage tank. In order to comply with the Los Angeles County Public Works Department, Waste Management Division's underground storage tank regulations, United Concrete Pipe Corporation requested the permanent closure of this tank, including removal of the sump and all associated piping. Closure permit #5418B was issued March 16, 1989 (Appendix A). The tank and sump were removed from the ground on March 23, 1989 by Rudy's Service Station Repair and Maint., Inc. of South El Monte, California. The tank was triple rinsed and this rinsate material manifested and taken to Petroleum Recylcing Center in Signal Hill, California (Appendix B). The tank was then rendered inert and certified clean by Harbor Testing Laboratory (Appendix C). The tank was removed from the site the same day by American Metal Recycling in Ontario, California (Appendix D). Soil sampling and laboratory analyses to determine the past integrity of the tank and future use of the soil was peformed by TERRA TECH LABS, Inc. on March 31, April 13 and April 14, 1989. All excavated soil was stockpiled adjacent to the tank pit pending laboratory analyses.

PROCEDURE

Two soil samples were collected from this site on March 31, 1989. One sample each (S2 and S1) was collected from two beneath the north and south ends.

respectively, of the tank (ten feet below ground surface). See Figure 1 for sample locations. These samples were collected under the direction and supervision of Mr. Tony Palagyi, Inspector for the Los Angeles County Department of Public Works Waste Management Division.

On April 13, 1989 two additional samples (S3 and S4) were collected from four and six feet beneath the south end of the 3,000 gallon waste oil tank excavation, respectively (fourteen and sixteen feet below ground surface). One sample (SP1) was also collected from the surrounding spoils pile. See Figure 2.

On April 14, 1989 an additional six samples were collected from the tank excavation. Two samples (S5 and S6) were collected from the north and south ends of the tank excavation at a depth of approximately seventeen feet below ground surface. One sample each (NW, SW, EW and WW) was collected from the north, south, east and west walls, respectively. These wall samples were collected at a depth of sixteen feet below ground surface. See Figure 2 for sample locations. This sampling was overseen by Mr. Tony Palagyi of the Los Angeles County Department of Public Works.

The contaminated soil removed from the excavation was segregated into five spoils piles and the United Concrete Pipe Company requested that TERRA TECH LABS, Inc. return to the site to sample these spoils piles. On June 1, 1989 five samples (SP1-SP5) were collected from the site, one from each spoils pile. See Figure 3 for spoils pile locations and sample locations.

The soil samples were collected with a clean trowel that was washed with trisodium phosphate (TSP), rinsed in distilled water and air dried before each sample

was collected. The samples were packed in sterile 8 oz., open mouth glass jars until full, thus allowing no headspace. The jars were then sealed with screw-top caps containing Teflon liners, labeled, and stored in a cooler with ice to maintain laboratory storage temperatures of approximately 4 degrees Centigrade until mobile analyses could be performed. Chain-of-Custody records were completed for each sample to ensure traceability (Appendix E). These samples were collected from the center of the bucket of a backhoe and gradall after soil had been removed down to the aforementioned depths.

Visual inspection of the tank revealed no evidence of leakage or spillage. No odors or staining were evident in the tank excavation. Ground water was not observed in the tank excavation. According to the Los Angeles County Flood Control District's well # 3020G as of October 1988, the depth to ground water adjacent to this site was 159.2 feet below ground surface.

The soil samples were submitted to TERRA TECH LABS, Inc. of Huntington Beach, California on March 31, April 13, April 14, and June 1, 1989. The analysis specified and performed for the samples collected was in accordance with EPA Method 418.1. This method utilizes a solvent (Freon-113) extraction and then analysis with an infrared spectrophotometer (IR). The two original samples collected from the tank excavation (S1 and S2) were also analyzed in accordance with EPA Method 8020 for volatile aromatics.

LABORATORY RESULTS

Chemical analysis of the soil samples collected on March 31, 1989 revealed

sample S1 to have a detectable total recoverable petroleum hydrocarbon concentration of 4780 mg/kg and sample S2 to have a detectable total recoverable petroleum hydrocarbon concentration of 33.1 mg/kg. Sample S2 revealed no detectable volatile aromatic concentrations and sample S1 revealed no detectable benzene, ethylbenzene or total xylene concentrations. Sample S1 revealed a very low detectable level of toluene (0.58 mg/kg). According to the Los Angeles County Department of Public Works, the generally accepted action limit for petroleum hydrocarbons is 100 mg/kg. Therefore, further excavating, sampling and analyses were performed on April 13 and 14, 1989.

Chemical analysis of the two samples (S3 and S4) collected from the south floor of the tank excavation on April 13, 1989 revealed total recoverable petroleum hydrocarbon concentrations of 259 and 202 mg/kg, respectively. The spoils pile sample collected on this date revealed a total recoverable petroleum hydrocarbon concentration of 318 mg/kg. Since these soil samples exceeded the action limit, additional samples were required. Chemical analysis of the six samples (S5, S6, NW, SW, EW and WW) collected on April 14, 1989 revealed total recoverable petroleum hydrocarbon concentrations of ND, 77.7 mg/kg, ND, 30.4 mg/kg, ND and 93.8 mg/kg, respectively (where ND means not detected at 1.0 mg/kg). These samples were not analyzed by EPA Method 8020 for volatile aromatics because the most contaminated sample (S1) did not reveal any significant volatile aromatic concentrations. Because all of these deeper floor and wall samples revealed total recoverable petroleum hydrocarbon concentrations less than the generally accepted action level of 100 mg/kg,

TANK CLOSURE REPORT

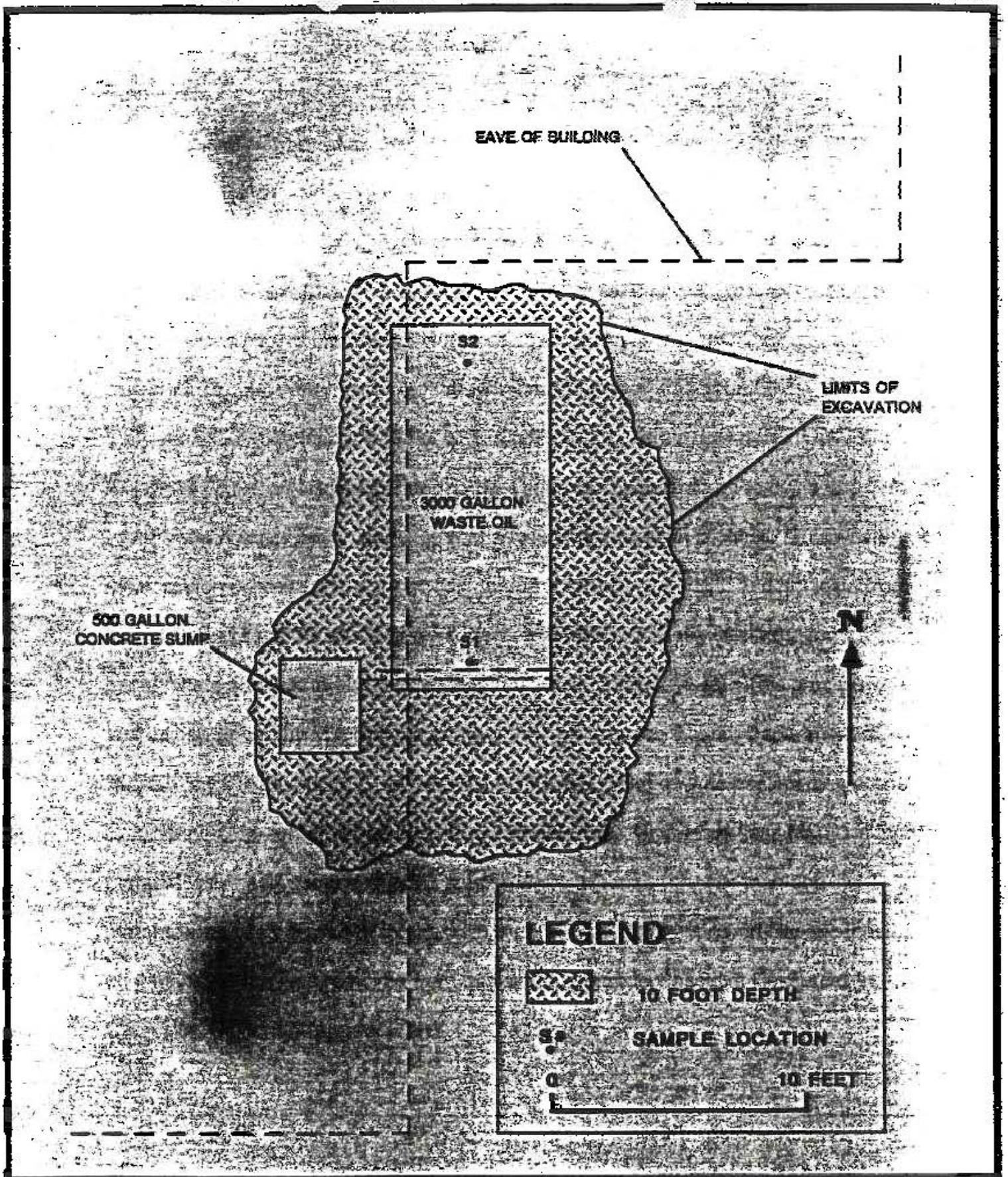
prepared for

RUDY'S SERVICE STATION
REPAIR AND MAINT., INC.
United Concrete Pipe Corporation
14041 East Live Oak
Baldwin Park, California

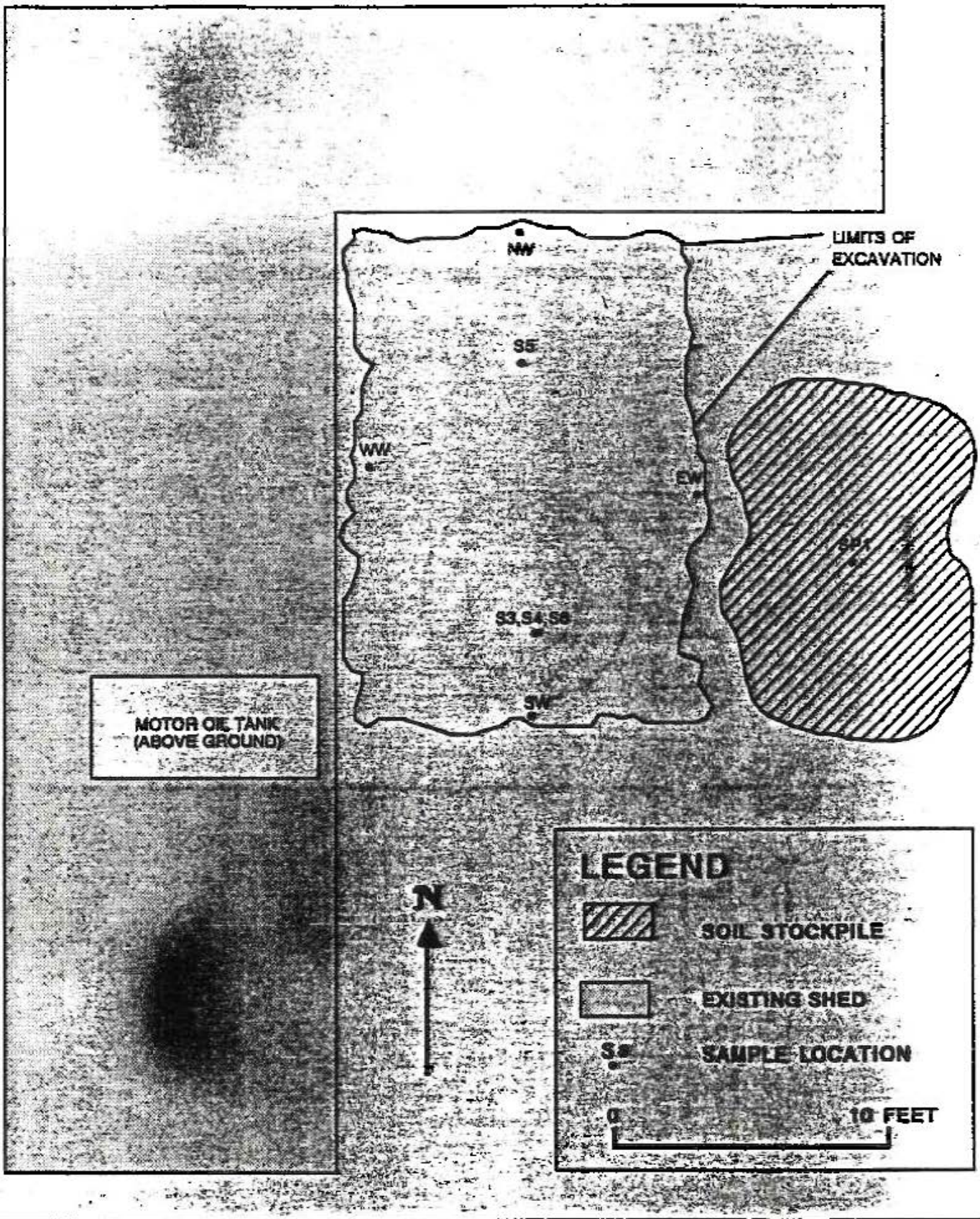
prepared by

TERRA TECH LABS, Inc.
Huntington Beach, California

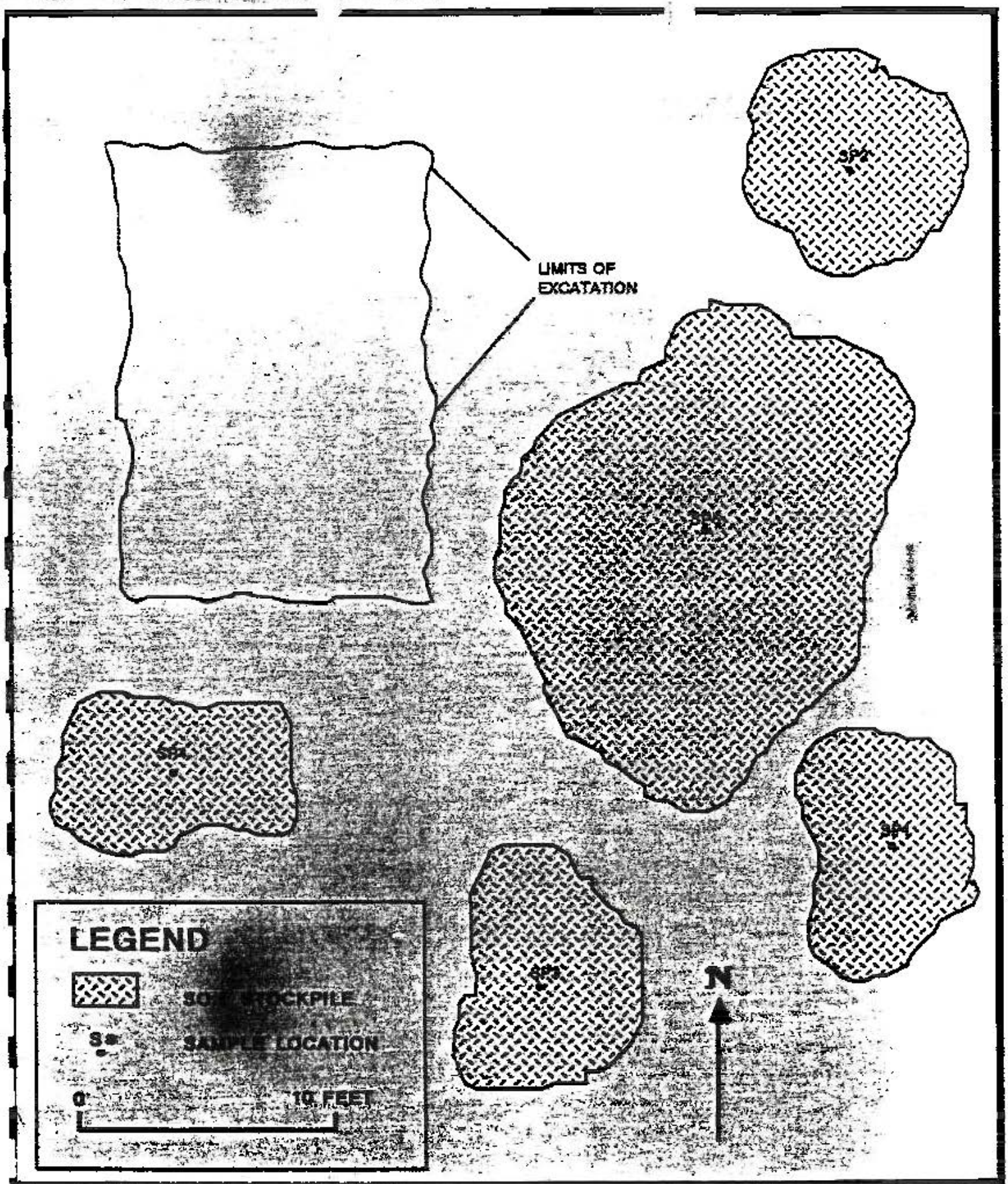
July 8, 1989
1026-12



TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE 16371 Gothard Street, Suite G Huntington Beach, CA 92647	FIGURE 1 - SITE PLAN United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	PROJECT NUMBER: 1026-12 DATE: 03-31-89



TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE 16371 Gothard Street, Suite G Huntington Beach, CA 92647	**FIGURE 2 - SITE PLAN** United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	**PROJECT NUMBER:** 1026-12 **DATE:** April, 1989



TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE 18371 Gothard Street, Suite G Huntington Beach, CA 92647	**FIGURE 3 - SITE PLAN** United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	**PROJECT NUMBER:** 1026-12 **DATE:** 06-01-89

no further sampling or analyses were performed from the tank excavation. See Appendix F for all laboratory results.

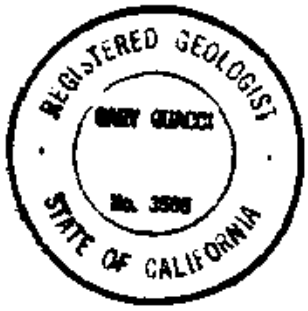
The contaminated soil that was removed from the excavation was stockpiled adjacent to the tank excavation while disposal and treatment options are explored. Chemical analysis of the five soil samples collected from the surrounding spoils piles revealed total recoverable petroleum hydrocarbon concentrations of 545, 1500, 1150, 644 and 649 mg/kg (samples SP1-SP5, respectively). See Appendix F. United Concrete Pipe Corporation decided to haul their contaminated soil to a Class 1 Hazardous Waste Facility, but only after a waste minimization process. This waste minimization process was performed in order to remove the rocks and boulders from the soil because of the much lower surface area to weight ratio (representing contaminated soil) of the larger particles (the rocks and boulders). This process was verbally approved by Ms. Nichole Long of the Los Angeles County Department of Public Works (Appendix G). All material from the excavation was passed over a one inch opening screen powered by pneumatic vibrators. Undersize (less than one inch) material was hauled to the Class 1 landfill, while oversize (greater than one inch) material was used as part of the backfill. Approximately one hundred fifty two tons of contaminated soil was removed from this site and sent to Casmalia Resources in Casmalia, California (Appendix H).

The preceding sampling procedures were reviewed and found acceptable by a California Registered Geologist whose validation appears below:

Gary Guacci, R.G.

State Registration Number: 3566

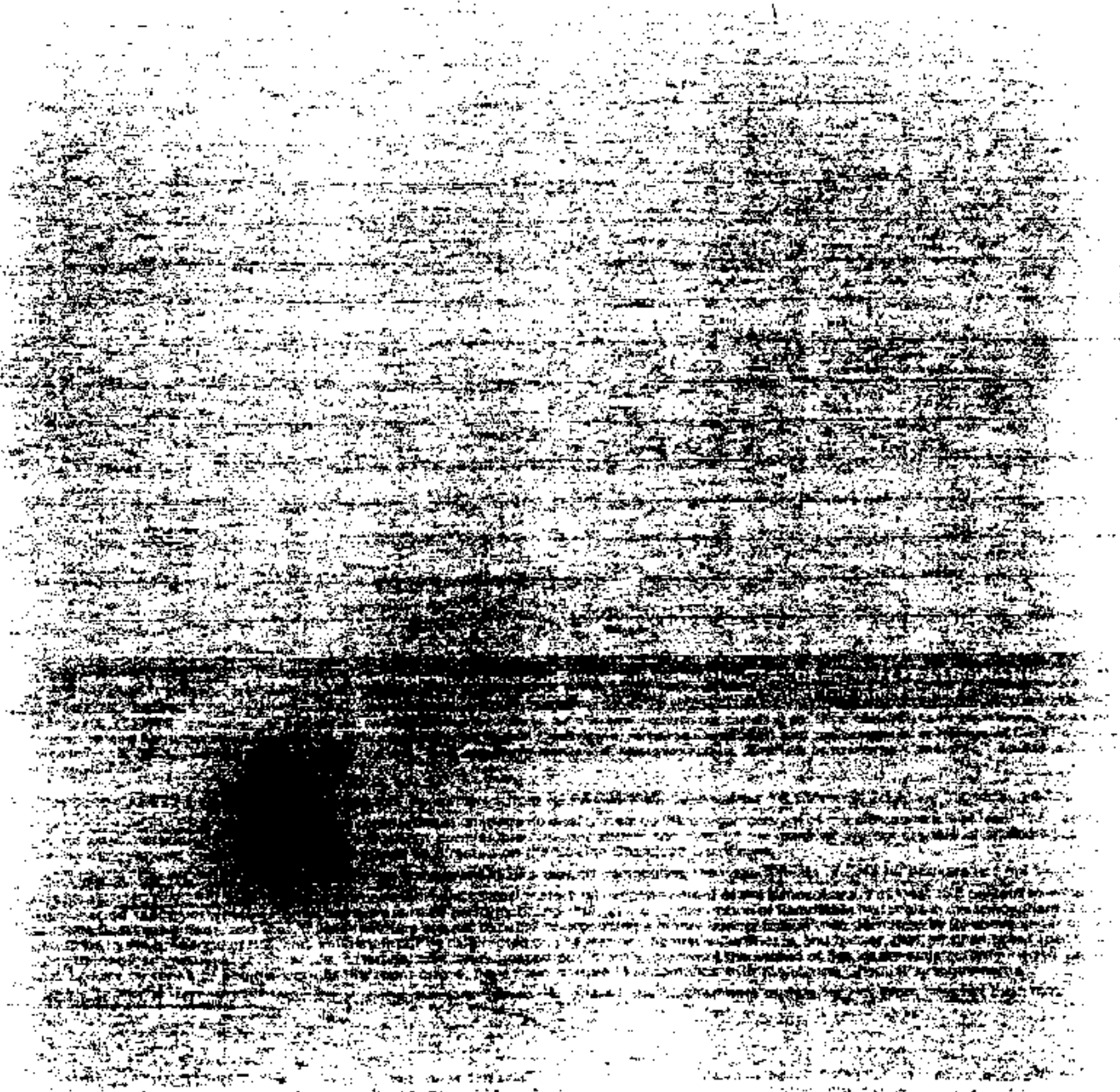
Project #: 1026-12



Gary Guacci
(signature)

7/9/89
(date)

APPENDIX A



APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

RECEIVED
[illegible] MORGAN
AUG 1 1989

Permit S 5418
File 593 R/C 35
Fee $ 141 00
Check [X] Cash [ ]

OWNER: Name UNITED CONCRETE PIPE Phone 818-337-1211
Mailing Address 14041 E. LIVEOAK AVE City BALDWIN PARK State CA Zip 91706

FACILITY:
Occupant Name UNITED CONCRETE PIPE Phone 818-337-1211
Site Address 14041 E. LIVE OAK AVE City BALDWIN PARK Zip 91706
Mailing Address SAME City SAME State Zip SAME
Contact Person BILL RICHARDSON Title FOREMAN

CONTRACTOR [ ], complete below: OWNER/OPERATOR AS CONTRACTOR [✓]
Name RUDY'S SERVICE STATION MAINT. INC Phone 818-443-0181
State License No. 535465 Class C61-D40

CLOSURE REQUESTED:
[ ] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? Ø
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Construction Material	Age (Years)	Capacity (gal)	Materials Stored (Past/Present)
1	STEEL	15	3,000	WASTE OIL

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[✓]
Have structural repairs ever been made to these tanks?	[ ]	[✓]
Will new underground tanks be installed after closure?	[ ]	[✓]
Will any wells, including monitoring wells, be abandoned?	[ ]	[✓]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature Ruby Arzaga Date 3-16-89
(Print Name) RUBY ARZAGA Phone 818-443-0181
Owner [✓] Operator [ ] Contractor [ ]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

By [signature] Date 3/16/89

APPENDIX B



State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type (Form designed for use on elite (12-pitch typewriter)

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD003986718 — Manifest Document No.: 87782075
2. Page 1 of 1
Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address: UNITED CONCRETE PIPE, 14041 E. LIVE OAK AVE, CARLTON PARK CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 87782075
B. State Generator's ID: CAD003986718
C. State Transporter's ID: 906077
D. Transporter's Phone: 95 575-6511
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: CAT080011059
H. Facility's Phone: 213-595-6597

5. Transporter 1 Company Name: SAN RAY WASTE OIL
6. US EPA ID Number: CAC982366620
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: PETROLEUM RECYCLING CENTER, 1835 E 29 ST, SIGNAL HILL CA 90806
10. US EPA ID Number: CAT080011059

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE FLOODS COMBUSTIBLE N.O.S. N.A. 1270	001	TT	750	G	State 241 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: WASTE OIL AND WATER - FROM UNDERGROUND STORAGE TANK. TO BE REMOVED. 90

K. Handling Codes for Wastes Listed Above: a. K01 b. c. d.

15. Special Handling Instructions and Additional Information: Gloves / Ground Cable

16. ... by declare that the contents of this consignment are fully and accurately described above by proper shipping ...d, and labeled, and are in all respects in proper condition for transport by highway according to applicable ...ulations.

...ly that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have ...ple and that I have selected the practicable method of treatment, storage, or disposal currently available to ...re threat to human health and the environment; OR, if I am a small quantity generator, I have made a good ...ion and select the best waste management method that is available to me and that I can afford.

2651 Walnut Avenue
Signal Hill, California 90806

Printed/Typed Name: BILL RICHARDSON — Signature: BILL RICHARDSON — Month Day Year: 03 31 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: VAN SENGINAS (SAN RAY) — Signature: [signature] — Month Day Year: 03 31 89

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: Linen Brooks — Signature: [signature] — Month Day Year: 04 07 89

GENERATOR — TRANSPORTER — FACILITY

DHS 8022 A (1/87)
PA 6700—22
(Rev. 9-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

INSTRUCTIONS ON THE BACK

APPENDIX C



THOMAS R. BECK & ASSOC., INC.
dba HARBOR TESTING LABORATORY
24 HOUR PHONE (213) 834-8228

MARINE CHEMIST CERTIFICATE

SERIAL NO. S 2050

Survey Requested by	Vessel Owner or Agent	Date
RUDY'S PAINT.	UNITED CONCRETE PIPE	31 MARCH 87
Vessel	Type of Vessel	Specific Location of Vessel
WHITE OIL	BARGE	PIER
Last Cargo	Test Method	Time Survey Completed

TESTED FOR LEL
AT THE ANGLE
UNDERGROUND STORAGE
TANK IDENTIFIED WITH
NO SIGNAL WHAT
SOEVER
CARE MUST BE TAKEN TO
CUT TANK WITH TORCH
THE TANK DOES NOT
CONTAIN THREE
METAL LINES WE NOT HOSE
CUTTING LINES
CUTTING TORCH
WELDING
WE ARE NOT MARKET. IT
IS THE TANK NOT USED
FOR SEWER MAIN.

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist

QUALIFICATIONS: Transfer of ballast or manipulation of valves or cleaning equipment leading to other conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306-1980, Subsections 1-6.1 through 1-6.4, and Subsection 5-3.2).

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers has not been met.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

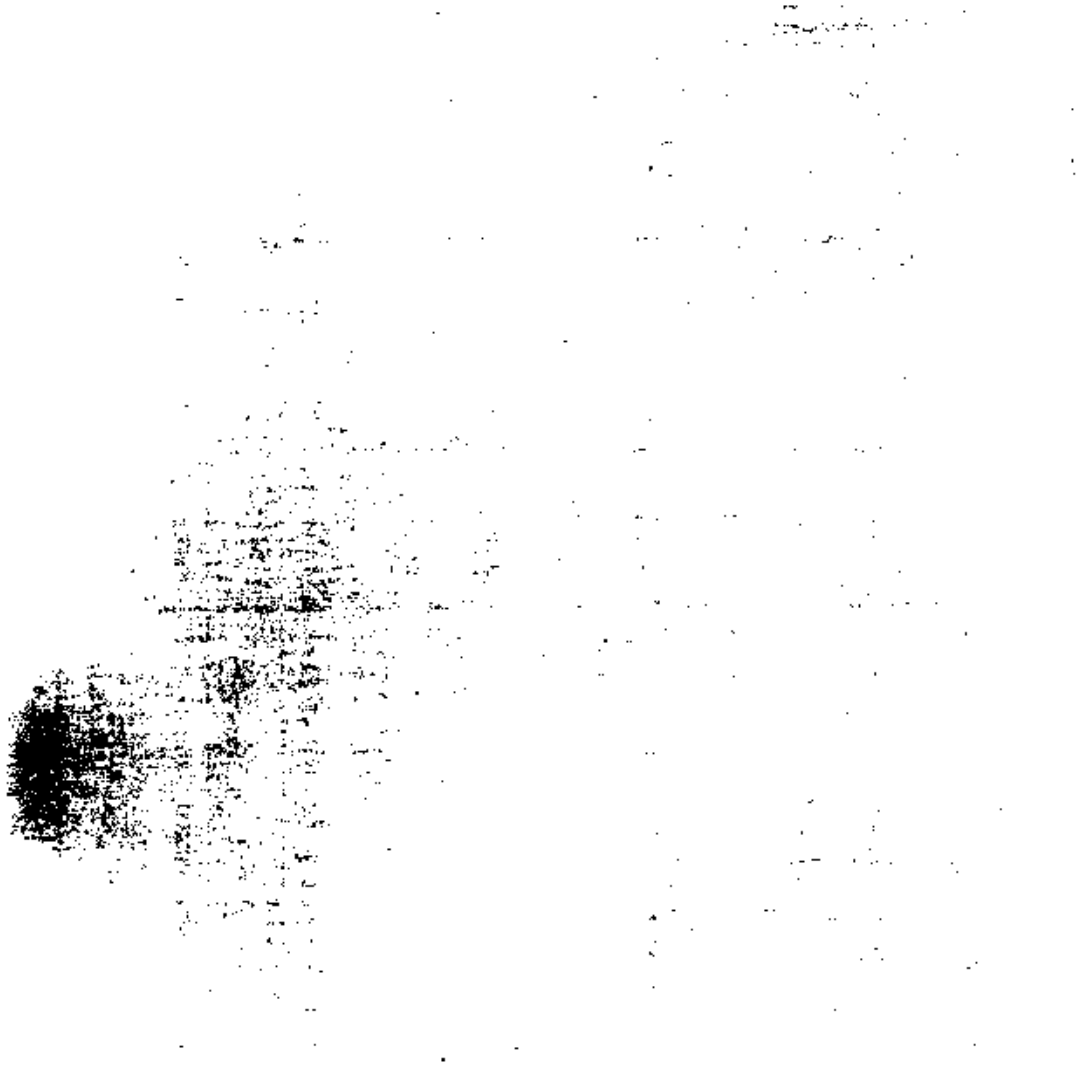
CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306-1980 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 3-3 of NFPA 306-1980 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed _____ _____ _____ Signed _____ _____
Name Company Date Marine Chemist Certificate No.

APPENDIX D



AMERICAN FUEL TANK
METAL
RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2868

No. 30470

TANK DISPOSAL FORM

Date: 3-23 19 89.
Job #
P. O. #

CONTRACTOR: Rudys Service
ADDRESS: 2017 Seaman Av. S. El Monte, CA 91733
JOB SITE: United Concrete
ADDRESS: 14041 E. Live Oak
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	J.O. NO.
3-31-89	10:00	1-3,000		

SPECIAL INSTRUCTIONS: one Truck
Pick up Check

TIME IN: 10:00
TIME OUT: 10:50

check #4807

Paid In Full

TANKS RECEIVED QTY.	GALLONS	TYPE F* S*	NET TONS	TOTAL
	250	☐ ☐	.14	
	500	☐ ☐	.21	
	550	☐ ☐	.24	
	1000 - 12 ft.	☐ ☐	.44	
	1000 - 6 ft.	☐ ☐	.61	
	1500	☐ ☐	.87	
	2000	☐ ☐	.97	
	2500	☐ ☐	1.14	
1	3000	☐ ☐	1.32	1.32
	4000	☐ ☐	1.84	
	5000	☐ ☐	2.42	
	6000	☐ ☐	2.84	
	7500	☐ ☐	3.28	
	8000	☐ ☐	3.44	
	9000	☐ ☐	3.82	
	10000	☐ ☐	4.33	
	12000	☐ ☐	4.93	

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

NO. OF TANKS: 1
TOTAL
NET TONS: 1.32

*F — FIBERGLASS *S — STEEL

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP

3-31-89.
DATE

CONTRACTOR COPY

APPENDIX E



CHAIN-OF-CUSTODY RECORD

Client: KSSM
Client Project #:
Project #: 1026-12

Project Name: United Concrete Pipe
Site Address: 14041 E. Live Oak
Baldwin Park, CA
Sampler's Signature: Thomas F. Weil

Date: 03-31-89 Page 01 of 01

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED:
☐ 8 Hours ☒ 24 Hours
☐ 72 Hours ☐ 7 Days

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 6015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
S1	S. end of tank 2' below tank bottom	03-30-89	11:02		✓	✓					01	Soil, glass jar.
S2	N. end of tank 1½' below tank bottom	03-30-89	11:06		✓	✓					01	Soil, glass jar

Relinquished by: (Signature)	Date	Received by: (Signature)	Date
Thomas F. Weil	03-31-89		
Company: Terra Tech Labs	Time 12:30	Company:	Time
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) Brian Callahan	Date 3/31/89
Company:	Time	Company: TERRA TECH LABS	Time 12:30

02 Total Number of Containers

TERRA TECH LABS, INC.
16371 Gothard St. Suite G
Huntington Beach, CA 92647
Tel. (714) 842-6077

CHAIN-OF-CUSTODY RECORD

Client: Rudy's Service Station Repair & Maintenance
Client Project #:
Project Name: United Concrete Pipe
Site Address: 14041 East Live Oak
Baldwin Park, CA
Sampler's Signature: Lisa Newcombe-Dieri

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)	Number of Containers	SAMPLE TYPE/CONTAINER
SP1	Surrounding spoils pile	4/13/89	745			✓	1	soil, glass jar
S3	south end of tank, 4' below tank	4/13/89	750			✓	1	
S4	south end of tank, 6' below tank	4/13/89	810			✓	1	

Project #: 1026-12
Date: 4/13/89 Page 01 of 01

SAMPLE CONDITION
Rec'd on ice: yes/no
Sealed Container: yes/no

TURNAROUND REQUESTED
☐ 8 Hours ☐ 24 Hours
☐ 72 Hours ☐ 7 Days
ON-SITE

Total Number of Containers:

Relinquished by: (Signature)	Date	Received by: (Signature)	Date
Lisa Newcombe-Dieri	4/13/89		
Company: Terra Tech Labs	Time 1430	Company:	Time
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature)	Date
		Richard Heller	04-13-89
Company:	Time	Company: TTL	Time 1430

TERRA TECH LABS, INC.
16171 Gothard St., Suite G
Huntington Beach, CA 92647
Tel (714) 842-6077

CHAIN-OF-CUSTODY RECORD

Client	Client Project #
Rudy's Service Station Repair Maint.	
Project Name	
United Concrete Pipe	
Site Address	
14041 E. Live Oak	
Baldwin Park, CA	
Sampler's Signature	
Lisa Newcombe-Diehl	

Project # 1024-12

Date 4/14/89 Page 01 of

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED
☐ 8 Hours ☐ 24 Hours
☐ 72 Hours ☐ 7 Days

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
NW	north wall at 16' below grade	4/14/89	8:35			✓					1	Soil, glass jar
SS	north floor at 17' below grade	4/14/89	8:40			✓					1	
SO	south floor at 17' below grade	4/14/89	9:10			✓					1	
SW	south wall at 16' below grade	4/14/89	9:15			✓					1	
EW	east wall at 16' below grade	4/14/89	9:25			✓					1	
WW	west wall at 16' below grade	4/14/89	9:30			✓					1	Soil, glass jar

Relinquished by: (Signature)	Date	Received by: (Signature)	Date		
Lisa Newcombe-Diehl	4/14/89			6	Total Number of Containers
Company: Terra Tech Labs	Time 11:00 a.m.	Company:	Time		
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) Shana F. Diehl	Date 04-14-89		
Company:	Time	Company: Terra Tech Labs	Time 11:00 a.m.		

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92647
Tel (714) 842-6077

CHAIN-OF-CUSTODY RECORD

Client	Client Project #	Project # 1026-12
Project Name: [illegible] Pipe		Date 06-01-89 Page 01 of 01
Site Address: [illegible] Live Oak, [illegible] Park, Ca		SAMPLE CONDITION: Rec'd on Ice yes/no; Sealed Container yes/no
Sampler's Signature: [illegible]		TURNAROUND REQUESTED: ☐ 8 Hours ☐ 24 Hours ☐ 72 Hours ☒ 7 Days

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
[illegible]	[illegible] PILE	06-01 89	10:08			✓					01	SOIL/GLASS JAR
[illegible]	[illegible] PILE	06-01 89	10:13			✓					01	SOIL/GLASS JAR
[illegible]	[illegible] PILE	06-01 89	10:19			✓					01	SOIL/GLASS JAR
[illegible]	[illegible] PILE	06-01 89	10:26			✓					01	SOIL/GLASS JAR
[illegible]	[illegible] PILE	06-01 89	10:31			✓					01	SOIL/GLASS JAR

Relinquished by: (Signature)	Date	Received by: (Signature)	Date		
[illegible]	01 89			05	Total Number of Containers
Company: [illegible]	Time 12:30	Company:	Time		
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) [illegible]	Date 6/[illegible]		
Company:	Time	Company: [illegible]	Time 12:0		

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92647
Tel. (714) 842-6077

APPENDIX F



TERRA TECH

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR & MAINTENANCE, INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK, CALIFORNIA

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : MARCH 31, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID#	CONCENTRATION (mg/kg)
S1	4780
S2	33.1

Reviewed & Approved: Lisa McCormick Davis
Date: 4/5/89

Note: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

TECH

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIE OAK
BALDWIN PARK, CALIFORNIA

ANALYSIS OF VOLATILE AROMATICS
EPA METHOD 8020

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : APRIL 1, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYLBENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
S1	ND,.01	0.58	ND,.05	ND,.05
S2	ND,.01	ND,.01	ND,.05	ND,.05

ND - Not detected at indicated level of detection.

Reviewed & Approved: Lisa Navcombe-Dieri
Date: 4/5/89

NOTE: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

P.O. BOX 9406 • FOUNTAIN VALLEY, CALIFORNIA 92728

TERRA TECH LABS

AN ENVIRONMENTAL TESTING SERVICE

LABORATORY RESULTS

PREPARED FOR

UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK, CA

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : JUNE 1, 1989
DATE ANALYZED : JUNE 5, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	CONCENTRATION (mg/kg)
SP1	545
SP2	1500
SP3	1150
SP4	644
SP5	649

Reviewed&Approved: Lisa Newcombe-Diesl
Date: 6/6/89

Note: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

16371 Gothard Street, Suite G, Huntington Beach, California 92647 Tel (714) 842-6077 Fax (714) 842-1891

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : April 13-14, 1989
DATE ANALYZED : April 13-14, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	CONCENTRATION (mg/kg)
SP1	318
S3	259
S4	202
NW	ND (1.0)
S5	ND (1.0)
S6	77.7
SW	30.4
EW	ND (1.0)
WW	93.8

ND - Not detected at indicated level of detection.

Reviewed&Approved: [signature]
Date: 4-18-89

Note: Samples were received by the mobile laboratory, intact and with Chain-of-Custody attached.

APPENDIX G

UNITED
CONCRETE PIPE
CORPORATION

June 26, 1989

Los Angeles County
Department of Public Works
Waste Management Division
P.O. Box 1460
Alhambra, CA 91802-1460

Attention: Ms. Nichole Long

Dear Ms. Long:

We have acted upon your verbal approval and backfilled the excavation remaining after removal of our 3,000 gallon waste oil tank.

About one-third of the backfill material was boulders and rocks - the oversize from the 1 inch screening process. The 151.68 tons of undersize was hauled to Casmalia Resources on June 19, 1989.

The screening process resulted in an estimated one-third reduction of material that had to go to disposal. Tony Palagyi of your organization's Arcadia office observed our screening operation. I wish your schedule had permitted you to check it out. I expect, however, that another opportunity will soon come up.

In the meantime, we'll be working on the details needed for completion of this project.

Thanks.!

Sincerely,

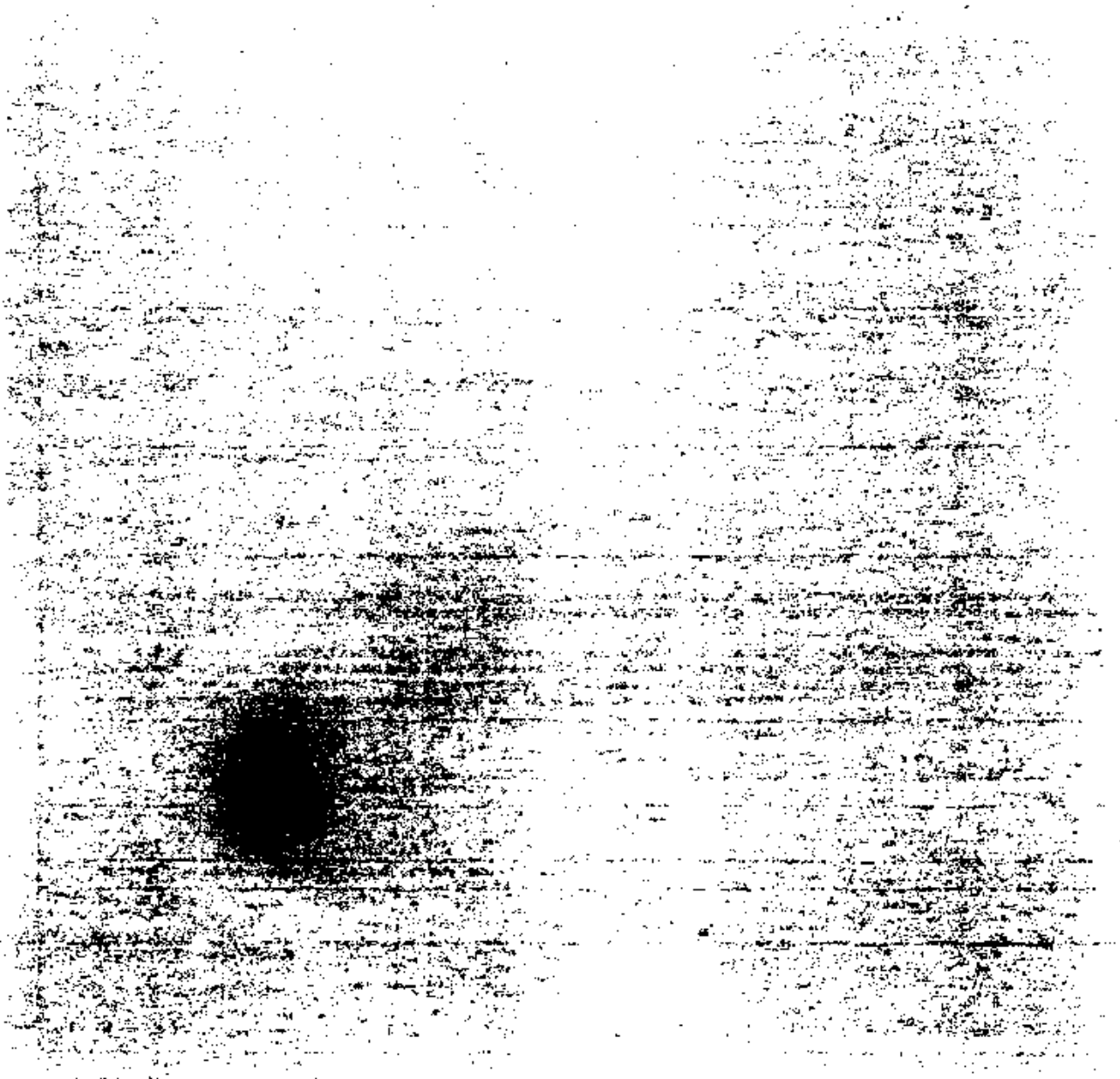
Bill Richardson
Principal Project Engineer

BR:ag

cc: G. D. Redmond
Tony Palagyi

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

APPENDIX H



State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (...tch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982523425 — Manifest Document No.: 00006

Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE CORPORATION
14041 E. Live Oak Avenue
Baldwin Park, CA 91706

4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451711

B. State Generator's ID: HAH036-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483

C. State Transporter's ID:

D. Transporter's Phone: (714) 625-6645

7. Transporter 2 Company Name: J-CAL TRANS
8. US EPA ID Number: CAD980814883

E. State Transporter's ID: 000383

F. Transporter's Phone: 213 920 770

9. Designated Facility Name and Site Address
Casmalia Resources
Ntu Road
Casmalia, CA 93429

10. US EPA ID Number: CAD020748125

G. State Facility's ID: [illegible]

H. Facility's Phone: 805 937 8441

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other CA Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile#165200[illegible]

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
Gloves and goggles
Quote# 1399SM

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: Bill Richardson — Signature: BILL RICHARDSON — Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard Bonasso — Signature: Richard Bonasso — Month Day Year: 06 19 89

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: Casmalia Resources #119471 — Signature: Dennis Fraley — Month Day Year: 06 19 89

Do Not Write Below This Line

UHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

88451711

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-9
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982353585 Manifest Document No. 000015

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
United Concrete Pipe
14041 Elliott Baldwin Park, CA

A. State Manifest Document Number 88451712

4. Generator's Phone (818) 337-1211

B. State Generator's ID HAHQ 36029889

5. Transporter 1 Company Name: M & M Transport

6. US EPA ID Number CAD982353610

C. State Transporter's ID 90462

D. Transporter's Phone 818 962-25

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
Casmalia Resources
Casmalia, CA 93429

10. US EPA ID Number CAD020748125

G. State Facility's ID

H. Facility's Phone 805937-6445

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Solid) NA 9189		DT	00334	T	State 611 EPA/Other CA Only
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

GENERATOR Returned To Generator COPY

J. Additional Descriptions for Materials Listed Above
11.H 50.2 Containing Tool w/ 7L
Waste Motor Oil
Pedile #1652004CA

K. Handling Codes for Wastes Listed Above
a. 03 b.
c. d.

15. Special Handling Instructions and Additional Information
Gloves + Goggles
Quote #1349 PM

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.

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Printed/Typed Name: BILL RICHARDSON | Signature: Bill Richardson | Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: STEVE MARISCAL | Signature: Steve Mariscal | Month Day Year: 06 19 89

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19.

Printed/Typed Name: [illegible] | Signature | Month Day Year

GENERATOR TRANSPORTER FACILITY

2717TC00

OHS 8022 A (1/88)
[illegible] 8700—22
(v. 9-86) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-9
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

88451714

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982152130 | Manifest Document No. 00004

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number 88451714
B. State Generator's ID 1 9 3 1 6 0 2 9 9 9 0
C. State Transporter's ID 00673E
D. Transporter's Phone (714) 525-6645

5. Transporter 1 Company Name: Containerized Chemical Disposal | 6. US EPA ID Number: CAT000611183
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
CASMALIA RESOURCES
Ste Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020787825
G. State Facility's ID
H. Facility's Phone (805) 928-1521

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	L. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11,a: Soil contaminated with waste motor oil
Profile# 16520024CR

K. Handling Codes for Wastes Listed Above
a. | b.
c. 03 | d.

15. Special Handling Instructions and Additional Information
Gloves and goggles
Quote# 139954

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.
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TRANSPORTER

Printed/Typed Name: BILL RICHARDSON | Signature: BILL RICHARDSON | Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: TERRY L. BROWN | Signature: Terry L Brown | Month Day Year: 06 19 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

FACILITY

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: 11:45 Nel. 45,30016 CASMALIA RESOURCES | Signature | Month Day Year

DHS 8022 A (1/88)
EPA 8700—22
(1/88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

ate of California—Health and Welfare Agency
orm Approved OMB No. 2050—0039 (Expires 9-30-9
Please print or type. (Form designed for use on elite (12-pitch) typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: C A D 9 8 2 5 2 3 4 2 5 | Manifest Document No.: 0 1 0 0 0 2
2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451715
B. State Generator's ID: H A H 0 3 6 - 0 2 9 8 8 9

5. Transporter 1 Company Name: Containerized Chemical Disposal | 6. US EPA ID Number: C A T 0 0 0 6 1 1 4 8 3
C. State Transporter's ID: 00630
D. Transporter's Phone: (714) 625-6645

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
CASMALIA RESOURCES
Ten Road
Casmalia, CA 93429
10. US EPA ID Number: C A D 0 2 0 7 4 8 1 2 5
G. State Facility's ID: C A D 0 3 0 2 4 8 1 1 2 5 T
H. Facility's Phone: 805 937 8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a. California Regulated Waste (Soil)	0 0 1	D T	00024	P	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile #1652002ACR

K. Handling Codes for Wastes Listed Above
a. 03 | b. | c. | d.

15. Special Handling Instructions and Additional Information
Gloves and goggles Quote# 1399SM

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Printed/Typed Name	Signature	Month	Day	Year
BILL RICHARDSON	BILL RICHARDSON	06	19	89

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Kevin Crosby		06	19	89

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
Casmalia Resources 46,780 lbs	Dennis Fraley	06	19	89

DHS 8022 A (1/88)
A 6700—22
(R. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

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88451715

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-9
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982523425 — Manifest Document No.: 00003
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451716
B. State Generator's ID: NAHQ36-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID:
D. Transporter's Phone: (714) 625-6645

7. Transporter 2 Company Name: MC TRANSPORT
8. US EPA ID Number: CAD982956610
E. State Transporter's ID: 006734
F. Transporter's Phone: 813-717-[illegible]

9. Designated Facility Name and Site Address
CASMALIA RESOURCES
Ntz Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020748126
G. State Facility's ID: [illegible]
H. Facility's Phone: 805 937 8447

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol.	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	[illegible]	State: 611; EPA/Other: Ca Only
b.					State: ; EPA/Other:
c.					State: ; EPA/Other:
d.					State: ; EPA/Other:

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile# 16520024CR

K. Handling Codes for Wastes Listed Above
a. 93
b.
c.
d.

15. Special Handling Instructions and Additional Information
Gloves and goggles Quote# 1399SM

16.
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Printed/Typed Name: BILL RICHARDSON Signature: Bill Richardson Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year:

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] Signature: [illegible] Month Day Year: [illegible]

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: [illegible] Nat. [illegible] Resources Signature: [illegible] Month Day Year: [illegible]

GENERATOR / TRANSPORTER / FACILITY

88451716

DHS 8022 A (1/88)
A 6700—22
(v. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

APPENDIX D

Manifest #88451717

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-3 [illegible])
Please print or type. (Form designed for use on [illegible] 12-pitch typewriter).

Appt [illegible] 15

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982523425 — Manifest Document No.: 00001

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706

4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451717

B. State Generator's ID: NAE036-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal — 6. US EPA ID Number: CAT000611483

C. State Transporter's ID: 006732

D. Transporter's Phone: (714) 625-6645

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:
CASMALIA RESOURCES
Ntu Road
Casmalia, Ca 93429

10. US EPA ID Number: CAD020748125

G. State Facility's ID: CAD010[illegible]

H. Facility's Phone: 805 937-8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.[illegible] [illegible] with waste motor oil [illegible]

K. Handling Codes for Wastes Listed Above
a. 03 b.
c. d.

15. Special Handling Instructions and Additional Information
Gloves and goggles Quote# 1399SM

16.
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Printed/Typed Name: BILL RICHARDSON — Signature: Bill Richardson — Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: [illegible]

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: # 119467 Net 45,800 lb Casmalia Resources — Signature: [illegible] M. Wood — Month Day Year: 06 19 89

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88451717

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAY

APPENDIX E

Form Oil Material Safety Data Sheeg

****
MATERIAL SAFETY DATA SHEET
****

PRODUCT INFORMATION

FARBEST CORPORATION
6715 Mckinley Avenue
Los Angeles, CA 90001

ISSUE DATE: 09/02/86

EMERGENCY PH# (213) 758-3181

TRADE NAME: Poured Pipe Release 1089

CHEMICAL NAME: Organic Mixture

FORMULA: Proprietary and Trade Secret

FARBEST PRODUCT NUMBER: AF-10007

DOT IDENTIFICATION NUMBER: N/A

HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT:	CAS NUMBER:	ACGIH TLV/TWA:	OSHA PEL:
Mineral Oil	64741-96-4	5 mg/m3 for oil mist	5 mg/m3 for oil mist

Do not use or handle this product until safety precautions recommended in this data sheet have been read and understood.

The precise composition of this product is proprietary information. A more detailed disclosure will be provided by FARBEST CORPORATION to qualified Medical or Industrial Hygiene personnel as privileged information upon request in case of need for specific treatment. All components of this product have been listed on the TSCA chemical substance inventory.

PHYSICAL DATA

MATERIAL IS (AT 77 F) : Liquid
APPEARANCE AND ODOR: Fluid with a mineral odor
MELTING POINT (F): NDA
BOILING POINT: NDA
pH = NDA
SPECIFIC GRAVITY: 0.9
VAPOR PRESSURE: NDA
SOLUBILITY IN WATER: Negligible

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use in well ventilated area, otherwise employ a NIOSH/MSHA approved respirator.
EYES AND FACE: Chemical Safety Glasses
HANDS, ARMS, AND BODY: Rubber Gloves
OTHER PROTECTIVE EQUIPMENT: As required to minimize skin contact.

EMERGENCY MEDICAL PROCEDURES

INHALATION: Remove to fresh air. Provide oxygen if breathing is difficult. Call a physician.
INGESTION: Do not induce vomiting. Call a physician.
EYE: Immediately flush with plenty of water for at least 15 minutes. Call a physician.
SKIN: Flush skin with water followed by soap and water wash. If irritation occurs, call a physician.

HEALTH AND SAFETY INFORMATION

INHALATION: Mists may cause irritation to the mucous membranes of the upper respiratory tract.
INGESTION: May cause gastric irritation or diarrhea.
SKIN: Prolonged or repeated exposure may cause skin irritation and dermatitis.
EYES: Contact may cause irritation.
CARCINOGENICITY: NONE of the components in this product are listed as a carcinogen NOR as a potential carcinogen by - IARC, NTP, OSHA, or ACGIH.

FARBEST

Used @ Cont. Dept

cc. Homer
Ruth
Cont. Chris
QA
J.M.

****
MATERIAL SAFETY DATA SHEET
****

----------PRODUCT INFORMATION----------

FARBEST CORPORATION
6715 McKinley Avenue
Los Angeles, CA 90001

ISSUE DATE: 10/19/87

EMERGENCY PH# (213) 758-3181

TRADE NAME: Form Oil C-572

CHEMICAL NAME: Organic Mixture

FORMULA: Proprietary and Trade Secret

FARBEST PRODUCT NUMBER: F-3529

DOT IDENTIFICATION NUMBER: N/A

----------HAZARDOUS INGREDIENTS----------

MATERIAL OR COMPONENT:	CAS NUMBER:	ACGIH TLV/TWA:	OSHA PEL:
Mineral Oil	64741-96-4	5 mg/m3 for oil mist	5 mg/m3 for oil mist

Do not use or handle this product until safety precautions recommended in this data sheet have been read and understood.

The precise composition of this product is proprietary information. A more detailed disclosure will be provided by FARBEST CORPORATION to qualified Medical or Industrial Hygiene personnel as privileged information upon request in case of need for specific treatment. All components of this product have been listed on the TSCA chemical substance inventory.

----------PHYSICAL DATA----------

MATERIAL IS (AT 77 F) : Liquid
APPEARANCE AND ODOR: Fluid with mineral oil odor
MELTING POINT (F): NDA
BOILING POINT: NDA
pH = NDA
SPECIFIC GRAVITY: 0.9
VAPOR PRESSURE: NDA
SOLUBILITY IN WATER: Negligible

----------PERSONAL PROTECTIVE EQUIPMENT----------

RESPIRATORY PROTECTION: Use in well ventilated area, otherwise employ a NIOSH/MSHA approved respirator.
EYES AND FACE: Chemical Safety Glasses
HANDS, ARMS, AND BODY: Rubber Gloves
OTHER PROTECTIVE EQUIPMENT: As required to minimize skin contact.

----------EMERGENCY MEDICAL PROCEDURES----------

INHALATION: Remove to fresh air. Provide oxygen if breathing is difficult. Call a physician.
INGESTION: Do not induce vomiting. Call a physician.
EYE: Immediately flush with plenty of water for at least 15 minutes. Call a physician.
SKIN: Flush skin with water followed by soap and water wash. If irritation occurs, call a physician.

----------HEALTH AND SAFETY INFORMATION----------

INHALATION: Mists may cause irritation to the mucous membranes of the upper respiratory tract.
INGESTION: May cause gastric irritation or diarrhea.
SKIN: Prolonged or repeated exposure may cause skin irritation and dermatitis.
EYES: Contact may cause irritation.
CARCINOGENICITY: NONE of the components in this product are listed as a carcinogen NOR as a potential carcinogen by - IARC, NTP, OSHA, or ACGIH.

OCT 23 1987
HCL

For Billing only

APPLICATION FOR
[ ] NEW CONSTRUCTION PLAN CLEARANCE
[ ] PERMIT ADDENDUM
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 SOUTH FREMONT AVENUE,
ALHAMBRA, CA 91803-1331

DO NOT WRITE IN THIS SPACE	3179 A
4/16/91	DPW USE FILE # 593 R/C CODE 23 HMUSP # SURCHARGE YES/NO [ ] HMUSP REQ YES/NO [ ] TGP ____ TGC ____

See instructions on back of this form

"Dummy A"

(A) United Concrete Pipe
OWNER/FACILITY NAME
818 W 7th St W, Ste 700
MAILING ADDRESS
Los Angeles CA 90017
CITY STATE ZIP
14041 E Live Oak Ave, Irwindale
FACILITY ADDRESS

(B) COMPLETE FOLLOWING:

OF EXISTING TANKS AT SITE: ____
OF TANKS TO BE INSTALLED: 1
OF TANKS TO BE REMOVED: ____
(SEPARATE CLOSURE PERMIT REQUIRED)
NET TANKS AT SITE: ____

(C) NEW CONSTRUCTION PLAN CLEARANCE APPLICATIONS MUST BE ACCOMPANIED BY:

[ ] STATE APPLICATION FOR PERMIT TO OPERATE UNDERGROUND STORAGE TANK FOR EACH TANK TO BE INSTALLED.
[ ] FOUR (4) SETS OF CONSTRUCTION PLANS AND SPECIFICATIONS.
[ ] NEW CONSTRUCTION PLAN CLEARANCE FEE. ENTER AMOUNT IN SPACE PROVIDED.

NUMBER OF TANKS	PLAN CLEARANCE FEE
1	$178
2	$221
3	$264
4	$307
5	$350
6 OR MORE	$135 + $43 PER TANK

	ENTER FEE AMOUNTS BELOW
[ ] PLAN CLEARANCE FEE ---------->	$
[ ] STATE SURCHARGE OF $50 FOR EACH TANK INCREASING NET NUMBER OF TANKS ---------->	$
[ ] TOTAL FEE = PLAN CLEARANCE FEE + STATE SURCHARGE ---------->	$

MAKE CHECKS PAYABLE TO "L. A. COUNTY DEPARTMENT OF PUBLIC WORKS"

(D) SYSTEM MODIFICATION OR CHANGE PROPOSED: ____

(E) ADDENDUM APPLICATIONS MUST BE ACCOMPANIED BY:

[ ] STATE APPLICATION FOR PERMIT TO OPERATE UNDERGROUND STORAGE TANK FOR EACH TANK MODIFIED OR CHANGED.
[ ] FOUR (4) SETS OF CONSTRUCTION PLANS, SPECIFICATIONS AND/OR EXPLANATION OF MODIFICATIONS OR CHANGES.
[ ] PERMIT ADDENDUM FEE OF $120 ----------> $

(F) APPLICANT OR REPRESENTATIVE:

SIGNATURE ____ TITLE ____

PRINTED NAME ____ DATE ____

CONTRACTORS SHALL FURNISH STATE CONTRACTORS LIC. No. ____ CLASS ____

PRINTED ON RECYCLED PAPER

INSTRUCTIONS:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PROGRAM
NEW CONSTRUCTION PLAN CLEARANCE OR PERMIT ADDENDUM APPLICATION

DO NOT USE THIS FORM FOR CLOSURE,
TRANSFER OR RENEWAL OF AN EXISTING HMUSP.

This application is for authorization to construct or modify hazardous material storage facilities ONLY. A separate Hazardous Materials Underground Storage Permit (HMUSP) is required to operate the approved system. This application will not be approved unless a valid HMUSP application is on file with the Department of Public Works.

(A) Facility name, mailing address and facility address on this form must correspond with information on Part II of the State Application for Permit to Operate Underground Storage Tank.

(B) This application must be submitted for new construction (installation of new tanks) plan clearance or addendum to an existing HMUSP. Specify the number of tanks to be installed and the total number of tanks after installation. A net increase in tanks will require additional State Surcharge fee as noted in Item (C). Existing facilities with a valid operational HMUSP need not make a separate HMUSP application.

(C) Plans and specifications submitted for a new construction plan clearance must conform to Department of Public Works' "Underground Storage of Hazardous Materials Guidelines."

In addition to the plan clearance fee, an HMUSP permit fee will be required when applying to construct a new facility. A State Surcharge fee of $55 per tank will be required for each tank that increases the net number of tanks. No refund of current year HMUSP fees due will be allowed for a net decrease in the number of tanks.

(D) Specify the type of modification or change to existing tanks. Types of modifications and changes requiring an addendum include: repair of tanks or piping, replacement of piping, change or addition of hazardous material stored, change in monitoring equipment or change in overfill protection.

(E) A fee of $120 must be submitted for each addendum.

(F) This form and each State Application for Permit to Operate Underground Storage Tank must be signed by one of the following:

1) The tank owner.
2) A principal executive officer at the level of vice-president or by an authorized representative responsible for the overall operation of the facility where the tank(s) are located.
3) A general partner proprietor.
4) A principal executive officer, ranking elected official or authorized representative of a public agency.
5) An authorized representative, including an architect or contractor responsible for the installation of the new tanks or any modifications or changes to existing tanks.

INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED.

APPLICATION FOR CLOSUR
HAZARDOUS MATERIALS UND[illegible]ROUND STORAGE
COUNTY OF LOS ANGELES-DE[illegible]TMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

Permit 7963 B
File 593 R/C 35
Fee $ 179
Check [X] Cash [ ]

OWNER: Name Mission-Kell I Phone
Mailing Address 818 W. 7th. st. ste.700 City Los Angele State CA Zip 90017

FACILITY:
Occupant Name United Concrete Pipe Phone (714) 658-5251
Site Address 14041 E. Live Oak Ave. City Irwindale Zip 91706
Mailing Address SAME City Same State CA Zip
Contact Person Bob Richardson Title

CONTRACTOR [X], complete below: OWNER/OPERATOR AS CONTRACTOR [ ]
Name J.D. Edwards Company Phone (818)303-8775
State License No. 324262 Class C 61/D40

CLOSURE REQUESTED:
[X] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 1
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
one	Fiberglass	2 yrs.	10,000	Diesel Fuel
two	Steel	2 yrs.	10,000	Unleaded Gas

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[ ]
Have structural repairs ever been made to these tanks?	[ ]	[ ]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOS MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT T CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature John D Edwards Date 3-7-91
(Print Name) John D. Edwards Phone 818-303-8775
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREE GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

Rani Iyer Date 3/21/91

CONDITIONS A -- GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer-Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3) business day advance notification.

   b. Permanent closure of a tank in place or a temporary closure shall require a 30 day written notification.

3. The fee is $145 for the first tank plus $30 for each additional tank.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74-81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies include the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.

   b. The personnel shall be outfit, ally skilled to safely carry out such operations.

   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.

   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B -- TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #3 -- Inspection Guide #4, "Abandonment or Removal of Underground Tanks," Part A and any other applicable parts.

2. A temporary closure shall not exceed 90 days.

CONDITIONS C -- PERMANENT, TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #3 -- Inspection Guide #4, Part B and any other applicable parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tanks shall be transported to a legal disposal point.

6. If the tank had stored materials other than motor fuel, fuel oil, or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be backfilled and recompacted to a relative compaction of 90%.

CONDITIONS D -- PERMANENT, TANK(S) IN PLACE

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #3 -- Inspection Guide #4, Parts B or C, and any other applicable parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be steel drilled to intercept a point beneath the center of the tank, if possible. If steel drilling is not feasible, the test borings may be drilled vertically and the reasons stated in the report in 2.h. below.

   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.

   c. For multiple tanks, as a minimum, borings shall be placed at 20 foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.

   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.

   e. A Shelby tube or a Modified California Sampler shall be utilized for taking all soil samples.

   f. Soil samples shall be capped immediately with teflon or aluminum.

   g. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.

   h. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials -- Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

NOTICE TO CLOSURE PERMIT APPLICANTS

The South Coast Air Quality Management District (SCAQMD) has adopted Rule 1166 regulating emissions of Volatile Organic Compounds (VOC) from decontamination of soil effective August 6, 1988.

In addition to the requirements of your Closure Permit, persons excavating any underground storage tank that previously contained VOC's must:

-- Notify the SCAQMD Executive Officer by telephone at (818) 572-6195, 24 hours prior to tank excavation. 1166(c)(1)(A)

-- Monitor the excavated material during the excavation for VOC contamination. 1166(c)(1)(B)

-- When VOC contamination is detected:
  * Cease excavation
  * Cover the contaminated soil until implementation of approved mitigation measures. 1166(c)(1)(C)
  * Notify the SCAQMD Executive Officer at (818) 572-6195 within 24 hours of detection of VOC contaminated soil. 1166(c)(2)(A)

-- A person shall not engage in or allow any on-site or off-site spreading of VOC contaminated soil which results in uncontrolled evaporation of VOC to the atmosphere. 1166(c)(3)

Exemptions

-- Treatment of less than one (1) cubic yard of contaminated soil. 1166(d)(1)(A)

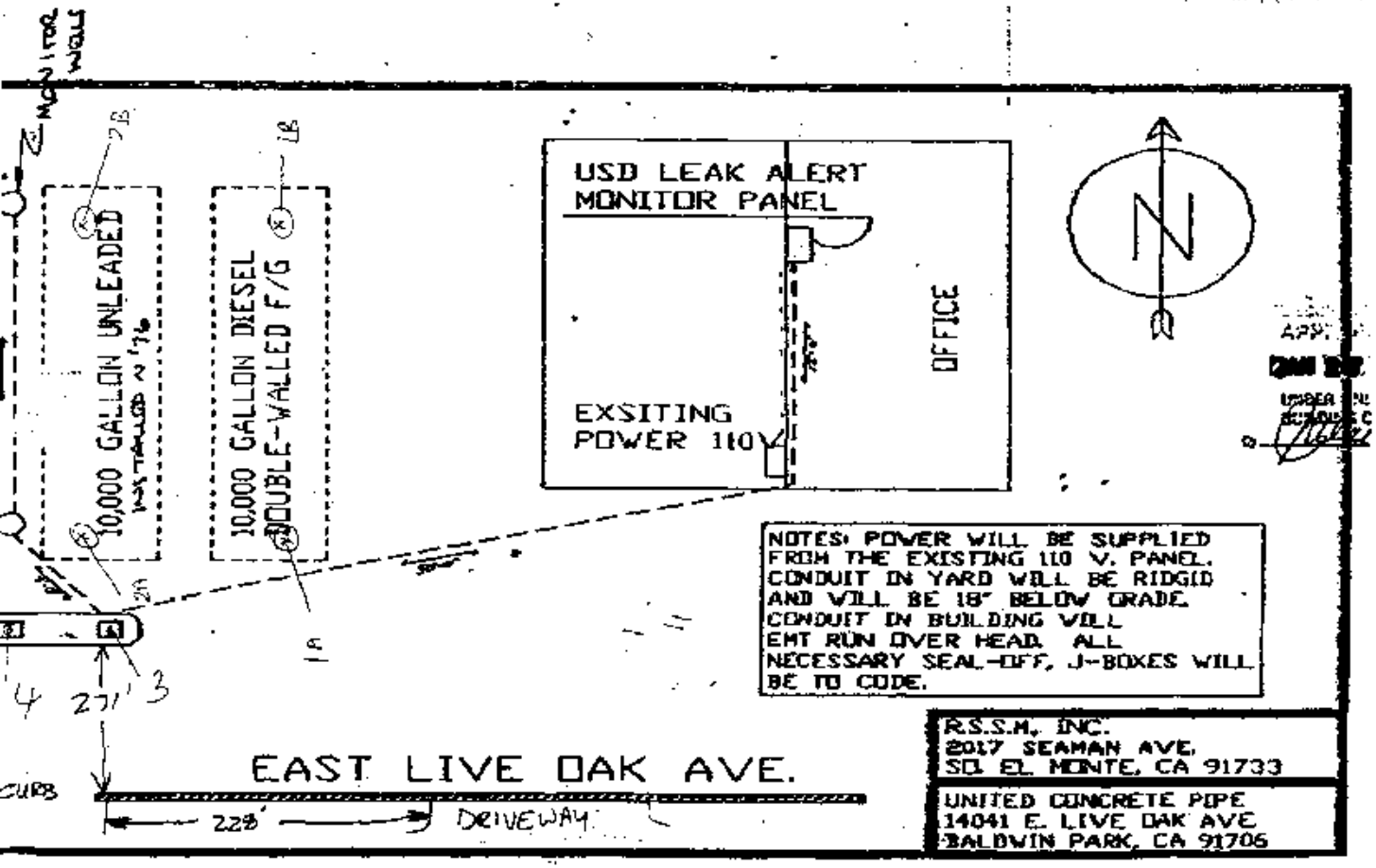
-- Decontamination of soil containing organic compounds that have initial boiling point of 302°F or greater, Reid Vapor Pressure less than 80mm Hg or Absolute Vapor Pressure less than 36mm Hg at 20°C. 1166(d)(1)(E),(F)

-- Removal of soil for sampling purposes pursuant to EPA methods. 1166(d)(1)(C)

-- Accidental spillage of five (5) gallons or less of VOC. 1166(d)(1)(D)

-- Decontamination of soil which is contaminated through natural seepage of VOC from oil and gas wells or other natural sources. 1166(d)(1)(E)

SPECIFIC QUESTIONS ON RULE 1166 SHOULD BE REFERRED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (818) 572-6200


MONITOR WELL
10,000 GALLON UNLEADED
10,000 GALLON DIESEL
DOUBLE-WALLED F/G
USD LEAK ALERT
MONITOR PANEL
OFFICE
EXSITING
POWER 110V
N
NOTES: POWER WILL BE SUPPLIED FROM THE EXISTING 110 V. PANEL. CONDUIT IN YARD WILL BE RIDGID AND WILL BE 18" BELOW GRADE. CONDUIT IN BUILDING WILL EMT RUN OVER HEAD. ALL NECESSARY SEAL-OFF, J-BOXES WILL BE TO CODE.
R.S.S.M. INC.
2017 SEAMAN AVE.
SO. EL MONTE, CA 91733
UNITED CONCRETE PIPE
14041 E. LIVE OAK AVE
BALDWIN PARK, CA 91706
EAST LIVE OAK AVE.
CURB
22'
DRIVEWAY
27'

CLOSURE PERMIT SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

Closure Permit No.: 7963 B
File No. I- 593 – 35

PART 1 OF 2

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4' below tank invert	TPH + BTXE	418.1 + 8020
2A, 2B	2-4' below tank invert	TPH + BTXE	8015(M) + 8020
3, 4	2-4' under each dispenser	TPH + BTXE	8015(M) + 8020 for gasoline 418.1 + 8020 for Diesel
1 sample every 20' at the	2-4' below piping & piping starting at the dispenser	TPH + BTXE	8015(M) + 8020 gasoline 418.1 + 8020 Diesel.

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Cont'd on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

5. The analytical results for all soil samples shall be expressed milligrams per kilogram (mg/kg), or micrograms per kilogram (ug/kg) as appropriate. Practical quantitation limits of 5-10 ug/kg (ppb) for volatile organics and 1 mg/kg (ppm) for the petroleum hydrocarbons must be achieved by the laboratory. Analytical results for groundwater samples shall be expressed in ug/l (ppb) and practical quantitation limits of .5-5 ug/l (ppb) for volatile organics, and 1 mg/l (ppm) for petroleum hydrocarbons must be achieved by the laboratory.

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determiantion; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever is earlier.

ATTENTION CONTRACTOR

NOTIFICATION REQUIREMENTS

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Materials Underground Storage Closure Permit, you are required to complete ALL of the agency notifications indicated below within the time period specified prior to commencement of work on this closure.

[X] 72 HOURS - DEPARTMENT OF PUBLIC WORKS WASTE CONTROL ENGINEERING INSPECTORS:

Unless otherwise noted DPW inspectors are available at the following offices between 8:00 a.m. and 9:30 a.m. ONLY.

[ ] BELLFLOWER DISTRICT - (213) 804-2584; 804-2585
16600 Civic Center Drive, Bellflower, CA 90607

[ ] CENTINELA VALLEY REGION - (213) 534-4862; 534-4859
24320 South Narbonne Avenue, Lomita, CA 90717

[ ] LENNOX DISTRICT - (213) 419-5650
4353 Lennox Boulevard, Lennox, CA 90304

[X] SAN GABRIEL VALLEY DISTRICT - (818) 574-0962
125 South Baldwin Avenue, Arcadia, CA 91006

[ ] EAST LOS ANGELES DISTRICT - (213) 260-3466; 260-3467
5141 East Pomona Boulevard, Los Angeles, CA 90022

[ ] SAN DIMAS REGION - (818) 574-0957; (818) 574-0958
125 South Baldwin Avenue, Arcadia, CA 91006

[ ] NEWHALL REGION - (805) 253-7207
23757 West Valencia Boulevard, Santa Clarita, CA 91355

[X] 24 HOURS (OR AS REQUIRED) - LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[ ] City of _____

[X] Los Angeles County Fire Department 818 - 574 - 0949

[X] 24 HOURS - SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

(818) 572-6195

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

CLOSENOTE
03/91

1d4/ATTENT

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, containing:

1. File number of facility and closure permit number.

2 Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

3. Description of methods for obtaining, handling, and transporting samples.

4. Time and date samples were obtained.

5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.

7. Disposal destination of tanks and evidence of legal disposal.

8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

9. Documentation as to depth of groundwater at facility.

10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.

11. Any observations of site contamination.

12. Remedial action plan to mitigate contamination.

13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

Signature John D Edwards Date 3-21-91

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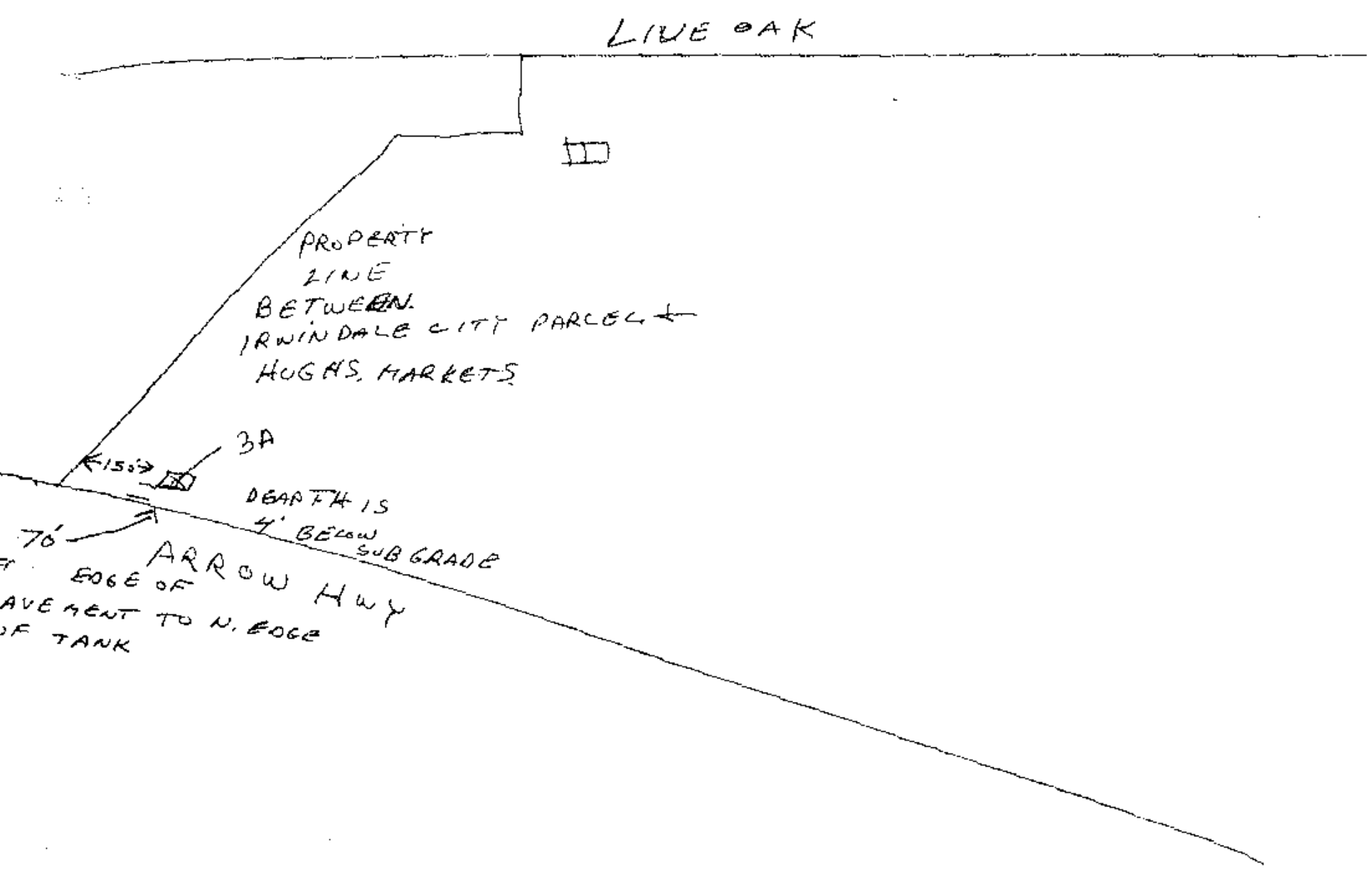
LIVE OAK
PROPERTY
LINE
BETWEEN
IRWINDALE CITY PARCEL
HUGHS MARKETS
3A
150'
DEPTH IS
4' BELOW
SUB GRADE
70'
ARROW HWY
EDGE OF
AVEMENT TO N. EDGE
OF TANK

CDL # K0258854 File # 593
Permit # 7963B, R0000157

J. D. EDWARDS CONSTRUCTION 3373
818-303-6775
11711 CLARK ST., UNIT 110
ARCADIA, CA 91006

3-21 1996 JRE.

15-347/1222

PAY TO THE ORDER OF County of LA. Dept of Public Works $ 397.00

three Hundred ninety Seven & 00/100 DOLLARS

COMMUNITY BANK
150 S. HACIENDA BLVD CITY OF INDUSTRY, CA 91745

MEMO

John D Edwards

⑆122203471⑆3373 06 111805⑈

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM				
	[ ] 1 NEW PERMIT	[ ] 3 RENEWAL PERMIT	[X] 5 CHANGE OF INFORMATION	[X] 7 PERMANENTLY CLOSED SITE
	[ ] 2 INTERIM PERMIT	[ ] 4 AMENDED PERMIT	[ ] 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: [illegible] Pipe Co.	NAME OF OPERATOR:		
ADDRESS: [illegible]	NEAREST CROSS STREET: [illegible]		PARCEL # (OPTIONAL):
CITY NAME: [illegible]	STATE: CA	ZIP CODE: 91706	SITE PHONE # WITH AREA CODE: none

✓ BOX TO INDICATE: [ ] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL-AGENCY DISTRICTS [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY

TYPE OF BUSINESS					
[ ] 1 GAS STATION	[ ] 2 DISTRIBUTOR	[ ] ✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE: two	E. P. A. I. D. # (optional): [illegible]
[ ] 3 FARM	[ ] 4 PROCESSOR	[X] 5 OTHER		

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): [illegible], John	PHONE # WITH AREA CODE: 818-303-8775	DAYS: NAME (LAST, FIRST): Simons, Don	PHONE # WITH AREA CODE: 818-303-8[illegible]
NIGHTS: NAME (LAST, FIRST): [illegible]	PHONE # WITH AREA CODE: 818=-963-0907	NIGHTS: NAME (LAST, FIRST): Simons, Don	PHONE # WITH AREA CODE: 818-[illegible]

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: Mission - Koll I	CARE OF ADDRESS INFORMATION:		
MAILING OR STREET ADDRESS: [illegible] West 7th St., Suite #700	✓ box to indicate: [X] CORPORATION	[ ] INDIVIDUAL [ ] PARTNERSHIP	[ ] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY
CITY NAME: Los Angeles, Ca.	STATE: CA	ZIP CODE: 90017	PHONE # WITH AREA CODE: 213-[illegible]

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: [illegible]	CARE OF ADDRESS INFORMATION:		
MAILING OR STREET ADDRESS:	✓ box to indicate: [ ] CORPORATION	[ ] INDIVIDUAL [ ] PARTNERSHIP	[ ] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY
CITY NAME:	STATE:	ZIP CODE:	PHONE # WITH AREA CODE:

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 739-2582 if questions arise.

TY (TK) HQ 4 4 - [ ][ ][ ][ ][ ][ ]

V. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. [ ] II. [X] III. [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	APPLICANT'S TITLE	DATE MONTH/DAY/YEAR
[illegible]	[illegible]	[illegible]

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
19	0[illegible]	[illegible]

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - DISTRICT CODE - *OPTIONAL*
[illegible]		

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (9-90) FOR0033A-R2

INSTRUCTIONS FOR COMPLETING FORM "A"

GENERAL INSTRUCTIONS:

1. Use FORM "A" only for the specified purposes: NEW PERMITS, PERMIT CHANGES, and FACILITY/SITE INFORMATION CHANGES.
2. SUBMIT ONLY ONE (1) FORM "A" for a facility/site regardless of the number of tanks listed at the site.
3. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
4. Please type or print clearly all requested information.
   Use a BLUE or BLACK pen only. Do not use pencil.

I. FORM TYPE: "MARK ONE (1) ITEM"

1. Mark an (X) in the box for the type of action for which this form is being completed.

II. FACILITY/SITE INFORMATION & ADDRESS (MUST BE COMPLETED)

1. Record name and address (physical location) of the underground tank(s).
   NOTE: Address MUST have a valid physical location including city, state, and zip code.
   P.O. BOX NUMBER ARE NOT ACCEPTABLE.
   Include nearest cross street and mile post if applicable.
2. Phone number: Give an area code. If you might receive calls after hours, provide a phone number.
3. Check the type of business for the FACILITY/SITE. GOVERNMENT, CORPORATION, INDIVIDUAL, etc.)
4. If Facility/Site is located on land within an Indian Reservation or other Indian trust lands, check the box marked "YES".
5. Indicate the NUMBER of TANKS at this SITE.
6. Record the E.P.A. ID # or write "NONE" in the space provided.

III. PROPERTY OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

1. Complete all items in this section, unless all items are the same as SECTION I, if the same, write **"SAME AS SITE"** across this section. Be sure to check PROPERTY OWNERSHIP TYPE box.

IV. TANK OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

1. Complete all items in this section, unless all items are the same as SECTION II, If the same, write **"SAME AS SITE"** across this section. Be sure to check TANK OWNERSHIP TYPE box.

V. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER (MUST BE COMPLETED)

Your application cannot be processed. Registration with the BOE will ensure that you will receive a quarterly storage fee return. In reporting the $0.006 (6 mills) per gallon fee due on the number of gallons placed in your USTs. The BOE will code persons exempt from paying the storage fee so returns will not be sent. If you do not have an account number with the BOE or if you have any questions regarding the fee or exemptions, please call the BOE at 916-739-3582 or write to the BOE at the following address: Board of Equalization, Environmental Fees Unit, P.O. Box 942879, Sacramento, CA 94279-0001.

VI. LEGAL NOTIFICATION ADDRESS

1. Check **ONE BOX** for the address that will be used for **BOTH LEGAL AND BILLING NOTIFICATIONS.**

OWNER MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number is assigned by the local agency, this number can be numerical and can contain an alphabet. If you have any questions please call the State Board at the above number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THIS APPLICATION CANNOT BE PROCESSED IF THE BOE ACCOUNT NUMBER IS NOT FILLED IN. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.E.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #	B. MANUFACTURED BY:
C. DATE INSTALLED (MO/DAY/YEAR) 19x6	D. TANK CAPACITY IN GALLONS: 10,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☐ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☒ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D

A. TYPE OF SYSTEM: ☒ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☒ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☐ 95 UNKNOWN ☐ 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☒ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: (A U) 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH (A U) 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION (A U) 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VAPOR MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL ?
10-90	EMPTY GALLONS	YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
John D Edwards	2-21-91

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	593	1

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
7963B	RVT 3/21/91	

FORM B (9-90) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-R4

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all **NEW PERMITS, PERMIT CHANGES, REMOVALS** and/or any other **TANK INFORMATION CHANGE.**
2. This form should be completed by either the **PERMIT APPLICANT** or the **LOCAL AGENCY UNDERGROUND TANK INSPECTOR.**
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB70789).
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle **A** if above ground; circle **U** if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88)
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical, and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.E.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 2	B. MANUFACTURED BY:
C. DATE INSTALLED (MO/DAY/YEAR) 1976	D. TANK CAPACITY IN GALLONS: 10,000 gal.

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A: ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 85 UNKNOWN

B: ☒ 1 PRODUCT ☐ 2 WASTE

C: ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☒ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☒ 99 OTHER steel

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A (U) 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A (U) 95 UNKNOWN	A U 99 OTHER

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1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL ?
Sept. 90	EMPTY GALLONS	YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): John D Edwards DATE: 3-21-91

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	5993	2

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
7963B	BVE 3/21/91	

FORM B (9-90) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FORB0004B-WA

INSTRUCTIONS FOR COMPLETING FORM "B"

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C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

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2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle **A** if above ground; circle **U** if underground; and circle both if applicable.
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2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
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INSTRUCTION FOR THE LOCAL AGENCIES

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STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.E.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

101639

STATE OF CALIFORNIA — PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500

750.27.11

March 22, 1991

SC

Mr. Peter C. Tilton
THE KOLL COMPANY
818 West Seventh Street, Suite 700
Los Angeles, CA 90017

WELL INVESTIGATION PROGRAM-SUBSURFACE INVESTIGATION WORKPLAN: (FILE NO. AB108.1643), FORMER UNITED CONCRETE PIPE CORPORATION PROPERTY AT 14041 EAST LIVE OAK AVENUE, BALDWIN PARK, CA

Reference is made to your consultants', Woodward-Clyde, letter dated March 15, 1991 (received March 18, 1991) transmitting the Subsurface Soil Investigation Workplan prepared for areas I, G, and B at your above indicated property in Baldwin Park.

Board staff have reviewed the workplan and agree to its implementation providing all circled numbers on the WORKPLAN REQUIREMENTS FOR INITIAL AND SUPPLEMENTARY SUBSURFACE SOIL INVESTIGATIONS (enclosed) are met and the following comments are incorporated to satisfy both site specific and general requirements:

1) Laboratory analysis of only discrete, undisturbed soil samples will be accepted. Obtain all soil samples for analysis from the middle of the sample tube.

2) All soil samples are to be analyzed for volatile organic compounds (VOCs) by EPA Method 8260 or 8010/8020, and for total petroleum hydrocarbons (TPH) by EPA Method 418.1. Quantitation limits (Qls) of 5-10 ug/kg for VOCs and 1 mg/kg for TPH must be attained.

3) Soil samples for VOCs should be analyzed within seven (7) days of collection. Samples analyzed beyond seven days may not be considered representative of site conditions.

4) The assessment report must contain all chain of custody documents and laboratory QA/QC data including: detection limits, laboratory blank, matrix spike and duplicate recoveries, the spike concentrations, laboratory control standards and extraction procedures utilized.

5) Care should be taken to insure that heavy equipment (backhoe, bulldozer) and its use needed to access sampling areas does not adversely affect soil sampling points.

6) Field personnel with appropriate qualifications in overseeing sampling activities should be on-site whenever excavation/soil sampling is to occur.

C9101649W

In addition, you are requested to provide copies of all correspondence between you and Los Angeles County, Department of Health Services, Los Angeles County Department of Public Works, and any other city, county, state or federal agency regarding your site.

Four copies of the Subsurface Soil Investigation results and all other requested information must be submitted to this Regional Board by **May 3, 1991.**

It is understood that excavation/soil sampling activities will commence on-site at approximately 8:00 a.m. March 27, 1991.

Please contact Rick Kaumeyer at (213) 266-7529 if you have any questions concerning this matter and address all correspondence to his attention.

ROY R. SAKAIDA
Senior Water Resource
Control Engineer

RRS:PAR:rsk

cc: Mr. Joe Viray, U. S. Environmental Protection Agency, Region IX
Mr. Stephen Lavinger, State Department of Health Services, Region 3, Site Mitigation Unit
Mr. Thomas Klinger, Los Angeles County, Department of Health Services, Site Mitigation Unit
Mr. Leon Directo, Los Angeles County Sanitation District
Mr. Carl Sjoberg, Los Angeles County Department of Public Works
Mr. Carlos Alvarado, City of Irwindale, City Engineer
Mr. Julian Dawson, City of Baldwin Park, Building Department
Mr. Alistaire Callender, Ph.D., Woodward-Clyde Consultants, (w/Enclosures)

Enclosures —2/

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS U ERGROUND STORAGE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

Additional tank to be removed

Permit 8058 B
File 593 R/C 35
Fee $ 38
Check [X] Cash [ ]

OWNER: Name MISSION-KOLL I Phone 213-623-1038
Mailing Address 818 W 7th ST STE 700 City LA State CA Zip 90017

FACILITY:
Occupant Name UCA Phone 714-658-5251
Site Address 14041 ELLIS AVE City IRVINE Zip
Mailing Address SAME City State Zip
Contact Person Bob RICHARDSON Title

CONTRACTOR [X], complete below: OWNER/OPERATOR AS CONTRACTOR [ ]
Name J.D. EDWARDS Phone 818-303-8775
State License No. 324262 Class C-61-D40

CLOSURE REQUESTED:
[X] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
#3	STEEL	UNKNOWN	500#	WASTE OIL

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ] UNKNOWN	[ ]
Have structural repairs ever been made to these tanks?	[ ] UNKNOWN	[ ]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOS MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT T CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature John D Edwards Date 4-16-91
(Print Name) JOHN D EDWARDS Phone
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HERE GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

Rani Iyer 4/16/91

CONDITIONS A -- GENERAL

Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer-Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

a. Removal of tank shall require a three (3) business day advance notification.

b. Permanent closure of a tank in place or a temporary closure shall require a 30 day written notification.

A fee of $30 per tank shall accompany this application.

All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74-81, December 1981, or any other methods that will provide equivalent or better protection.

Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies include the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

Decontamination shall require the following, as a minimum:

a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.

b. The personnel shall be sufficiently skilled to safely carry out such operation.

c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.

d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B -- TEMPORARY

All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, "Abandonment or Removal of Underground Tanks," Part A and any other applicable Parts.

A temporary closure shall not exceed 90 days.

CONDITIONS C -- PERMANENT, TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Part B and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tanks shall be transported to a legal disposal point.

6. If the tank had stored materials other than motor fuel, fuel oil, waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be backfilled and recompacted to a relative compaction of 90%.

CONDITIONS D -- PERMANENT, TANK(S) IN PLACE

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test borings may be drilled vertically and the reason stated in the report in 2.h. below.

   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.

   c. For multiple tanks, as a minimum, borings shall be placed at [illegible] foot intervals around the tank cluster. The actual number location of borings shall be evaluated on a case-by-case bas[illegible]. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.

   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.

   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.

   f. Soil samples shall be capped immediately with teflon or aluminum.

   g. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.

   h. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials -- Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

NOTICE TO CLOSURE PERMIT APPLICANTS

The South Coast Air Quality Management District (SCAQMD) has adopted Rule 1166 regulating emissions of Volatile Organic Compounds (VOC) from decontamination of soil effective August 6, 1988.

In addition to the requirements of your Closure Permit, persons excavating any underground storage tank that previously contained VOC's must:

-- Notify the SCAQMD Executive Officer by telephone at (818) 572-6195, 24 hours prior to tank excavation. 1166(e)(1)(A)

-- Monitor the excavated material during the excavation for VOC contamination. 1166(e)(1)(B)

-- When VOC contamination is detected:
  - Cease excavation
  - Cover the contaminated soil until implementation of approved mitigation measures. 1166(e)(1)(C)
  - Notify the SCAQMD Executive Officer at (818) 572-6195 within 24 hours of detection of VOC contaminated soil. 1166(e)(2)(A)

-- A person shall not engage in or allow any on-site or off-site spreading of VOC contaminated soil which results in uncontrolled evaporation of VOC to the atmosphere. 1166(e)(3)

Exemptions

-- Treatment of less than one (1) cubic yard of contaminated soil. 1166(e)(1)(A)

-- Decontamination of soil containing organic compounds that have initial boiling point of 302°F or greater, Reid Vapor Pressure less than 80mm Hg or Absolute Vapor Pressure less than 36mm Hg at 20°C. 1166(e)(1)(D),(F)

-- Removal of soil for sampling purposes pursuant to EPA methods. 1166(d)(1)(C)

-- Accidental spillage of five (5) gallons or less of VOC. 1166(d)(1)(D)

-- Decontamination of soil which is contaminated through natural seepage of VOC from oil and gas wells or other natural sources. 1166(d)(1)(E)

SPECIFIC QUESTIONS ON RULE 1166 SHOULD BE REFERRED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (818) 572-6200

CLOSURE PERMIT SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

Closure Permit No.: 8058 B
File No.
I- 593 - 35

PART 1 OF 2

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
3A	2-4' below tank invert	TPH + BTXE	418.1 + 8020
1 sample every 20' of piping	2-4' below piping	"	"

dn4/FPERMIT Rev. 3/90

Cont'd on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

5. The analytical results for all soil samples shall be expressed milligrams per kilogram (mg/kg), or micrograms per kilogram (ug/kg) as appropriate. Practical quantitation limits of 5-10 ug/kg (ppb) for volatile organics and 1 mg/kg (ppm) for the petroleum hydrocarbons must be achieved by the laboratory. Analytical results for groundwater samples shall be expressed in ug/l (ppb) and practical quantitation limits of .5-5 ug/l (ppb) for volatile organics, and 1 mg/l (ppm) for petroleum hydrocarbons must be achieved by the laboratory.

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determiantion; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever is earlier.

ATTENTION CONTRACTOR

NOTIFICATION REQUIREMENTS

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Materials Underground Storage Closure Permit, you are required to complete ALL of the agency notifications indicated below within the time period specified prior to commencement of work on this closure.

[X] 72 HOURS - DEPARTMENT OF PUBLIC WORKS WASTE CONTROL ENGINEERING INSPECTORS:

Unless otherwise noted DPW inspectors are available at the following offices between 8:00 a.m. and 9:30 a.m. ONLY.

[ ] BELLFLOWER DISTRICT - (213) 804-2584; 804-2585
16600 Civic Center Drive, Bellflower, CA 90607

[ ] CENTINELA VALLEY REGION - (213) 534-4862; 534-4859
24320 South Narbonne Avenue, Lomita, CA 90717

[ ] LENNOX DISTRICT - (213) 419-5650
4353 Lennox Boulevard, Lennox, CA 90304

[X] SAN GABRIEL VALLEY DISTRICT - (818) 574-0962
125 South Baldwin Avenue, Arcadia, CA 91006

[ ] EAST LOS ANGELES DISTRICT - (213) 260-3466; 260-3467
5141 East Pomona Boulevard, Los Angeles, CA 90022

[ ] SAN DIMAS REGION - (818) 574-0957; (818) 574-0958
125 South Baldwin Avenue, Arcadia, CA 91006

[ ] NEWHALL REGION - (805) 253-7207
23757 West Valencia Boulevard, Santa Clarita, CA 91355

[X] 24 HOURS (OR AS REQUIRED) - LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[ ] City of _____

[X] Los Angeles County Fire Department 818 - 574 - 0949

[X] 24 HOURS - SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

(818) 572-6195

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

CLOSENOTE
03/91

1d4/ATTENT

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
3. Description of methods for obtaining, handling and transporting samples.
4. Time and date samples were obtained.
5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.
6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil.
11. Any observations of site contamination.
12. Remedial action plan to mitigate contamination.
13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.

Signature John D Edwards Date 4-16-91

J. D. EDWARDS CONSTRUCTION
818-303-8775
11711 CLARK ST., UNIT 110
ARCADIA, CA 91006

File # 593
permit # 80588

3377

4-16 19 91

16-347/1222

PAY TO THE ORDER OF L.A. Dept of Public Works $ 38 00

Thirty eight 00/100 DOLLARS

COMMUNITY BANK
150 S HACIENDA BLVD CITY OF INDUSTRY, CA 91745

MEMO

John D Edwards

⑆122203471⑆3377 06 111805⑈

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #	B. MANUFACTURED BY:
C. DATE INSTALLED (MO/DAY/YEAR)	D. TANK CAPACITY IN GALLONS:

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☒ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☐ 1 PRODUCT ☒ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☒ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VAPOR MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL?
Unknown	500 GALLONS	YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
John D Edwards	4-16-91

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000		

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

FORM B (9-90) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-R4

INSTRUCTIONS FOR COMPLETING FORM "B"

GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all **NEW PERMITS, PERMIT CHANGES, REMOVALS** and/or any other **TANK INFORMATION CHANGE**.
2. This form should be completed by either the **PERMIT APPLICANT** or the **LOCAL AGENCY UNDERGROUND TANK INSPECTOR**.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AH70789).
B. Indicate the name of the company that manufactured the tank (ex. ACME TANK MFG.).
C. Indicate the year the tank was installed (ex. 1987).
D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

II. TANK CONTENTS

A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.
   2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
B. Check the appropriate box.
C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

IV. PIPING INFORMATION

1. Circle **A** if above ground; circle **U** if underground; and circle both if applicable.
2. If UNKNOWN, circle: or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check 'Yes' or 'NO'.

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
C/O S.W.E.E.P.S.
DATA PROCESSING CENTER
P.O. BOX 527
PARAMOUNT, CA 90723

PAT (6)

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

INDUSTRIAL WASTE/HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE INSPECTION REPORT

102526

RECEIVED

Date 4-23-91

Facility Name UNITED CONCRETE PIPE File No. I- 593 -35

Site Address 14041 E. LIVE OAK AVE DEPARTMENT OF PUBLIC WORKS WASTE MANAGEMENT DIVISION 7963 B

Contact Person PETER TILTON (KOLL - PROP OWNER) Phone (213) 623-1038

Type Inspection: [ ] Tank(s) & Piping [ ] Sump(s)
[X] Tank(s) only [ ] Closure in place
[ ] Piping only [ ] Other

Contractor J.D. EDWARDS CO. Phone (818) 303-8075

Samples by WOODWARD CLYDE CONSULTANTS (FOR KOLL) Phone (714) 835-6886

Geologist SUSAN OVERMAN (NOT A CERTIFIED GEOLOGIST) Phone (714) 835-6886

Industrial Hygienist STEWART SALOT (CTL ENVIRONMENTAL) Phone ( ) N/A

Items closed:

Type (tank/sump)	Contents	Capacity	Proper Sampling [yes]	Proper Sampling [no]	Perm Removal	Perm In-place
1. TANK	DIESEL	10,000	[X]	[ ]	[X]	[ ]
2. TANK	UNLEADED	10,000	[X]	[ ]	[X]	[ ]
3. TANK	WASTE OIL	2,000	[X]	[ ]	[X]	[ ]
4.			[ ]	[ ]	[ ]	[ ]

C09102526W

Observations:

	[yes]	[no]	
Visual contamination observed	[X]	[ ]	
Sampling of excavated soil required	[X]	[ ]	
Tanks structurally sound	[X]	[ ]	
Tanks remaining on site	[ ]	[X]	How many ____ Monitor sys. ____
Sampling conducted by DPW	[X]	[ ]	Attach Chain-of-Custody
Notice issued	[ ]	[X]	Attach copy of Notice

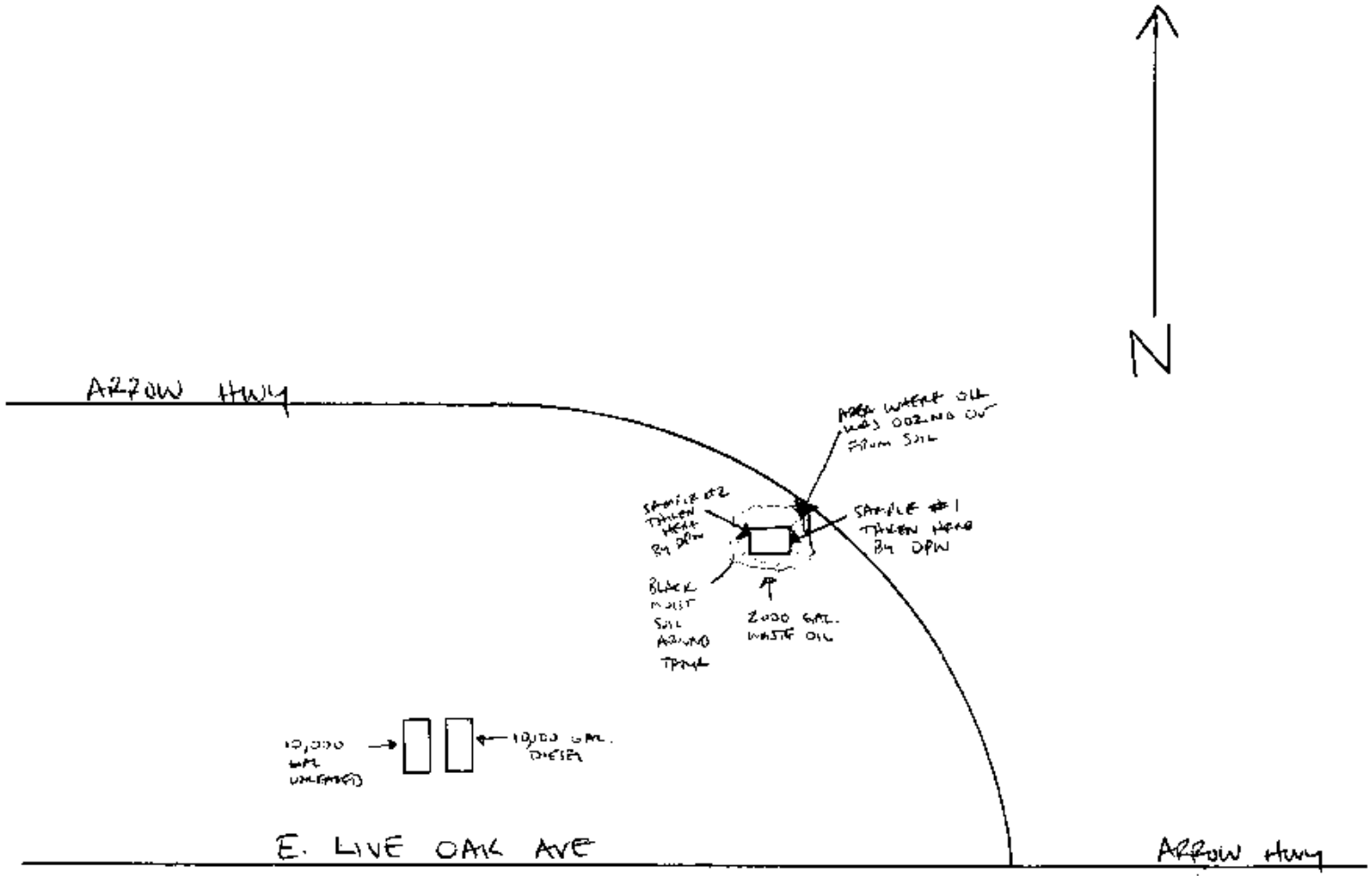
RECEIVED
MAY 7 1991
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

Comments: WASTE OIL TANK HAD A CAPACITY OF 2,000 GALLONS, NOT 500 GALLONS AS WAS STATED IN PERMIT. SOIL DISCOLORATION WAS OBSERVED AROUND WASTE OIL TANK. SOIL WAS BLACK AND LOOKED MOIST. SAMPLES WERE NOT TAKEN BY MYSELF ON THIS DAY. SOIL JARS WERE LEFT AT THE OFFICE. (SEE REPORT ATTACHED)

Include a detailed site survey on the reverse of this form.

Inspector Serge S Arroyo Date 4-23-91

JB:1d4/CLOSURE



NOTE

— WASTE OIL TANK IS LOCATED ABOUT 70 FEET EAST OF ARROW HWY.

—

* NOT TO SCALE

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

102526

Waste Management Division

INSPECTOR'S REPORT

TO: JERRY WONG DATE: 4-24-91

FROM: SERGIO S. ARVAYO FILE: I-593-35

INDUSTRY: UNITED CONCRETE PIPE
14041 E. LIVE OAK.

REPORT:

ON TUESDAY, APRIL 23, 1991, I WENT TO THE ABOVE SITE TO INSPECT A TANK PULL. THREE TANKS WERE PULLED ON THIS DAY. THE ONLY PROBLEMS I OBSERVED WERE ASSOCIATED WITH THE WASTE OIL TANK. THE 2,000 GALLON WASTE OIL TANK, WHICH WAS LOCATED ON THE NORTHEAST SIDE OF THE PROPERTY, LOOKED AS IF IT'S CONTENTS HAD CONTAMINATED THE SOIL AROUND IT. THE SOIL WAS BLACK AND LOOKED MOIST. ALSO, EVERY TIME THE BACKHOE WOULD SCRAPE THE NORTHEAST SIDE OF THE HOLE, OIL, OR SOMETHING THAT LOOKED LIKE OIL, WOULD OOZE OUT OF THE SOIL. IT LOOKED LIKE THE THE SOIL WAS BLEEDING. I DIDN'T TAKE ANY SAMPLES BECAUSE I LEFT THE SAMPLE JARS AT THE ARCADIA OFFICE. I WENT BACK TO THIS SITE THE FOLLOWING DAY, WEDNSDAY, APRIL 24, AND SAW THAT THE BACKHOE OPERATOR WAS ON SITE. I ASKED HIM IF HE COULD HELP ME OBTAIN SOME SAMPLES. HE SAID HE COULD. I TOOK TWO SAMPLES, ONE FROM THE EASTSIDE (SAMPLE #1) AND ONE FROM THE WESTSIDE OF THE TANK (SAMPLE # 2). THE SAMPLES WERE TAKEN AT A DEPTH OF 15-18 FEET BELOW GRADE.

LOS ANGELES DEPARTMENT OF PUBLIC WORKS
Waste Management Division
Mail Address: P.O. Box 1460, Alhambra, CA 91802-1460

SAMPLE AND CHAIN OF CUSTODY RECORD

Date 4-24-91 Page 1 of 1

PROJECT MANAGER: JOE BALOCCO
PHONE NUMBER: (818) 458-3559
PROJECT NAME: I-593-35

TO BE COMPLETED BY LABORATORY
LAB NO:
Samples intact: YES ☐ NO ☐
County Seal(s) intact: YES ☐ NO ☐
Sample: Ambient ☐ Cooled ☐ Frozen ☐

SAMPLERS (Signature): Sergt. J Alvarez

SAMPLE NUMBER	SAMPLE LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER COMP.	SAMPLE TYPE: WATER GRAB.	SAMPLE TYPE: AIR	SAMPLE TYPE: SOLID	NO. OF CONTAINERS	PRESERVATION	TEST REQUIRED
#1	EAST SIDE OF TANK	4-24-91	9:30 AM		✓		✓	1	NONE	EPA 418.1 AND 8020
#2	WEST SIDE OF TANK	4-24-91	9:30 AM		✓		✓	1	NONE	EPA 418.1 AND 8020

Special Instructions:

SAMPLE COLLECTION INFORMATION

☐ Composite-timed _____ ml/_____ min. intervals
_____ intervals/_____ bottle.
☐ Composite-flow with _____ gallon intervals.
Composite Times:
Start _____ ☐ A.M. ☐ P.M. Date _____
End _____ ☐ A.M. ☐ P.M. Date _____
Sample split with facility ☐ YES ☑ NO

RELINQUISHED BY: (Signature) Sergt. J Alvarez	RECEIVED BY: (Signature)	DATE/TIME 04-24-91 1400
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE/TIME
RECEIVED FOR LABORATORY BY: (Signature)		DATE/TIME

102526

38-0026 DPW (10/90)

DISTRIBUTION: WHITE: REPORT, CANARY: LAB, PINK: FIELD, GOLDENROD: SAMPLE CONTROL/COURIER

102526

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900 FAX 714/538-1209

CLIENT

Los Angeles County (3731)
Dept. of Public Works
Attn: Joe Baiocco/Waste Mgmt. Div.
900 S. Fremont Ave.
Alhambra, CA 90813

LAB NO. G07270-01

REPORTED 04/29/91

SAMPLE Soil

RECEIVED 04/24/91

IDENTIFICATION Project: I-593-3S

BASED ON SAMPLE Collected 04/24/91 @ 0930 hrs.
East Side of Tank
As Submitted

Constituent	Method	Results
Total Hydrocarbons	EPA 418.1	1.6%

PURGEABLE AROMATICS

Constituent	Method	Results
Benzene	EPA 602	ND <0.05 mg/kg
Toluene	EPA 602	0.9 mg/kg
Ethyl-Benzene	EPA 602	0.7 mg/kg
Total Xylenes	EPA 602	2 mg/kg

ASSOCIATED LABORATORIES, by:

Robert A. Webber
Vice President

RAW/jac

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical •
Microbiological •
Environmental •

102526

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900 FAX 714/538-1209

CLIENT

Los Angeles County (3731)
Dept. of Public Works
Attn: Joe Baiocco/Waste Mgmt. Div.
900 S. Fremont Ave.
Alhambra, CA 90813

LAB NO G07270-02

REPORTED 04/29/91

RECEIVED 04/24/91

SAMPLE IDENTIFICATION Soil

BASED ON SAMPLE
Project: I-593-3S
Collected 04/24/91 @ 0930 hrs.
West Side of Tank
As Submitted

Constituent	Method	Results
Total Hydrocarbons	EPA 418.1	2.0%

PURGEABLE AROMATICS

Constituent	Method	Results
Benzene	EPA 602	ND <0.05 mg/kg
Toluene	EPA 602	0.5 mg/kg
Ethyl-Benzene	EPA 602	0.4 mg/kg
Total Xylenes	EPA 602	1 mg/kg

ASSOCIATED LABORATORIES, by:

Robert A. Webber
Vice President

RAW/jac

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical •
Microbiological •
Environmental •

102526

LOS ANGELES DEPARTMENT OF PUBLIC WORKS
Waste Management Division
Mail Address: P.O. Box 1460, Alhambra, CA 91802-1460

SAMPLE AND CHAIN OF CUSTODY RECORD

Date 4-24-91 Page 1 of 1

PROJECT MANAGER: JOE BARBOCCO
PHONE NUMBER: (818) 458-3559
PROJECT NAME: I-593-35

TO BE COMPLETED BY LABORATORY
LAB NO:
Samples intact: YES ☐ NO ☐
County Seal(s) intact: YES ☐ NO ☐
Sample: Ambient ☐ Cooled ☐ Frozen ☐

SAMPLERS: (Signature) Jorge J Olvera

SAMPLE NUMBER	SAMPLE LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER COMP.	SAMPLE TYPE: WATER GRAB.	SAMPLE TYPE: AIR	SAMPLE TYPE: SOLID	NO. OF CONTAINERS	PRESERVATION	TEST REQUIRED
#1	EAST SIDE OF TANK	4-24-91	9:30 AM		✓		✓	1	NONE	EPA 418.1 AND 8020
#2	WEST SIDE OF TANK	4-24-91	9:30 AM		✓		✓	1	NONE	EPA 418.1 AND 8020

Special Instructions:

SAMPLE COLLECTION INFORMATION

☐ Composite-timed _____ ml/_____ min. Intervals
_____ intervals/_____ bottle.
☐ Composite-flow with _____ gallon intervals.
Composite Times:
Start _____ ☐ A.M. ☐ P.M. Date _____
End _____ ☐ A.M. ☐ P.M. Date _____
Sample split with facility ☐ YES ☑ NO

RELINQUISHED BY: (Signature) Jorge J Olvera	RECEIVED BY: (Signature)	DATE/TIME 04-24-91 1400
RELINQUISHED BY: (Signature) 04-24-91 1630	RECEIVED BY: (Signature)	DATE/TIME 4/24/91 1700
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE/TIME
RECEIVED FOR LABORATORY BY: (Signature)		DATE/TIME

38-0026 DPW (10/90)

DISTRIBUTION: WHITE: REPORT, CANARY: LAB, PINK: FIELD, GOLDENROD: SAMPLE CONTROL/COURIER

102526

ASSOCIATED LABORATORIES
INTERNAL CHAIN OF CUSTODY

LAB NUMBER G-07270

CLIENT LA County

RECEIVED BY

4/25/91

WASTE

I - 93-35

STATE OF CALIFORNIA — PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500

106511 RECEIVED
DEC 5 1991
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

I-593

December 3, 1991

Mr. Peter C. Tillon
Development Manager
Koll Business Center
14041 East Live Oak Avenue
Irwindle, CA 90071

WASTE DISCHARGE REQUIREMENTS - KOLL BUSINESS CENTER, IRWINDLE [FILE 90-60-19(91)]

You filed with this Board a report of waste discharge for land treatment of petroleum hydrocarbon contaminated soil.

We have reviewed this report, all information and data submitted for this project, and have determined that all conditions specified in "GENERAL WASTE DISCHARGE REQUIREMENTS FOR LAND TREATMENT OF HYDROCARBON CONTAMINATED SOIL", Order No. 90-148, have been met.

Enclosed are waste discharge requirements consisting of:

1. General Waste Discharge Requirements, Order No. 90-148
2. Monitoring and Reporting Program, made a part of this Order by reference.

You may begin this land treatment project in accordance with the requirements of Order No. 90-148, and are directed to submit the reports required in the Monitoring and Reporting Program No. 90-148-19. All reports submitted to this Board should reference File No. 90-60-19(91).

If you have any questions, please contact me at (213) 266-7550 or Manjulika Chakrabarti at (213) 266-7610.

for J.E. Ross, Unit Chief
Site Cleanup Unit

cc: See attached mailing list
Enclosures -/

C9106511W

Koll Business Center
Irwindle Facility
Mailing List

cc: Archie Matthews, State Water Resources Control Board,
Division of Water Quality
Jorge Leon, State Water Resources Control Board,
Office of Chief Counsel
Department of Fish and Game, Region 5
Department of Toxic Substances Control, Region 3, Burbank
Los Angeles County, Department of Health Services
Los Angeles County, Department of Public Works
John Yee, South Coast Air Quality Management District

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM NO. 90-148-19
FOR
LAND TREATMENT OF PETROLEUM HYDROCARBON CONTAMINATED SOIL
Koll Business Center, Irwindle
[(File No.90-60-19(91)]

The discharger shall implement this Monitoring and Reporting Program on the date of issuance of the Waste Discharge Requirements. The reports detailed in Order No. 90-148 shall be submitted as required.

The first monitoring report under this program is due on January 15, 1992. Thereafter, monitoring reports shall be submitted by the date in the following schedule:

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

I. GROUND WATER MONITORING

A. Groundwater monitoring wells, when required by the Executive Officer, shall be located in suitable and accessible locations down gradient from the land treatment site to serve as receiving ground water monitoring stations. In addition, at least one monitoring well shall be established upgradient of the treatment site. A proposal for the selected well(s) shall be submitted for the Exeutive Officer's approval by December 15, 1991, and shall include construction details and precise location(s). The following shall constitute the ground water monitoring program for all required wells:

Parameter	Units	Frequency
Water Elevation	(0.01 feet)	Quarterly
Total Dissolved Solids	mg/l	Quarterly
Total Petroleum Hydrocarbon (EPA 418.1 and 8015 Mod.)	ug/l	Quarterly
Priority Pollutants (EPA Method 601 & 602)	ug/l	Quarterly
pH	pH units	Quarterly

B. Monitoring wells installed on-site shall be sampled and analyzed for the constituents detailed in I-A. The wells shall be perforated in the shallow and uppermost regional aquifers. Each well shall be installed in a manner that will ensure no cross contamination between the shallow and any regional aquifers.

C. Construction details and location of any required extraction wells required for site mitigation shall be submitted for approval of the Executive Officer. The method of disposal of all extracted liquids shall be detailed.

II. LAND TREATMENT FACILITY SOIL MONITORING

A soil sampling grid shall be established for the land treatment site and the sampling locations shall be located where representative soil samples can be obtained. Soil samples shall be collected and analyzed for the following parameters:

Parameter	Units	Frequency[1]
Bacteria Plate Count	Colonies/gm	Weekly[2]
Total Hydrocarbons (EPA Method 8015)	mg/kg	Quarterly[3]
Lead	mg/kg	Quarterly[3]
Priority Pollutants (EPA Method 8020 & 8270)	ug/kg	Quarterly[3]

1. In the event the land treatment is completed prior to the due date of the first monitoring report, then final verification samples shall be collected and analyzed in lieu of the sampling frequency approved by the Executive Officer.

2. Bacteria plate count and total petroleum hydrocarbons shall be monitored weekly after beginning full-scale land treatment.

3. A final sample shall be taken of the treated soil at the end of treatment and just prior to removal and reuse.

III. GENERAL PROVISIONS FOR SAMPLING AND ANALYSIS

A. All sampling, sample preservation, and analysis shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedure for Analysis of pollutants",

promulgated by the United States Environmental Protection Agency.

B. All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services, or approved by the Executive Officer. No changes shall be made in sampling points without prior approval of the Executive Officer.

C. All verification sampling requires 72 hours written and verbal notice to the Board in order for staff to participate in the sampling.

D. The discharger shall maintain all sampling and analytical results, including strip charts, date, exact location, and time of sampling, date analysis were performed, name of analyst, analytical techniques used, and results of all analysis. Such result shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board.

IV. SPECIFIC REPORTING REQUIREMENTS

A. The following technical reports shall be filed with the Board:

1. A "Petroleum Hydrocarbon Contamination Removal Report" shall be submitted within 15 days of removal of contaminated soil, verifying that all contaminated soil has been removed for land treatment, and including all soil verification data supporting the nature and extent of removed soil and nature and extent of contaminated soils to remain in place.

2. A "Land Treatment Completion Report" shall be submitted within 15 days of completing land treatment, verifying that biodegradation is complete for the land treatment zone. The report shall include all data collected to date verifying that cleanup levels have been met.

3. A "Final Project Completion Report" shall be submitted within 15 days of completing all final verification sampling, summarizing the final hydrocarbon contamination levels of the land treated soils, including laboratory analysis data, and indicate the quantity and the final disposition of the land

treated material. A statement, signed by a responsible official of the discharger, shall be included stating that the land treatment was completed in accordance with the requirements and provisions of Order No. 90-148 and all other signed statements required by Order No. 90-148 shall also be included.

B. Each of the three technical reports submitted shall contain the following minimum information:

1. Quantity of waste material treated during the reporting period.

2. Analytical results from any of the ground water monitoring, as required, land treatment zone soil sampling, and soil monitoring in the excavated areas.

C. All technical reports prepared for submittal to the Board shall be signed by either a California registered professional engineer, registered geologist, or certified engineering geologist.

D. For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed, together with a timetable, to bring the discharge back into full compliance with the requirements at the earliest time.

E. In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the data, the constituents, and the concentrations are readily discernible. The data shall be summarized to determine compliance with waste discharge requirements and, where applicable, shall include receiving ground water observations.

F. Monitoring reports submitted to the Regional Board shall be signed by:

1. In the case of corporations, principal executive officer at least the level of Vice President or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which discharge originates;

2. In the case of a partnership, a general partner;

3. In the case of a sole proprietorship, the proprietor;

4. In the case of a municipal, state or public facility, either a principal executive officer, ranking elected official, or other duly authorized employee.

Each report shall contain the following completed declaration:

" I declare under penalty of perjury that the foregoing is true and correct.

Executed on the_____day of_____ at ___

_____ (Signature)

_____ (Title)"

Ordered by Robert P. Ghirelli
ROBERT P. GHIRELLI, D.Env
Executive Officer

Date: December 3, 1991

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

ORDER NO. 90-148

GENERAL WASTE DISCHARGE REQUIREMENTS
FOR
LAND TREATMENT OF PETROLEUM HYDROCARBON CONTAMINATED SOIL
IN LOS ANGELES AND SANTA CLARA RIVER BASINS
(FILE NO. 90-60)

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. Soils contaminated with high concentrations of petroleum hydrocarbon, where identified and left unmitigated, are considered to be a discharge of waste that could affect the quality of the waters of the State, as defined in Section 13260 of the California Water Code.

2. Land treatment of these soils is proving to be an efficient and economical means of mitigating the effects of such hydrocarbon contamination. The threat to waters of the State is thereby eliminated or reduced to non-significant levels of contamination and the soil rendered suitable for reclamation and reuse. Such land treatment operations involve the discharge to land of petroleum hydrocarbon contaminated soil.

3. Section 2532(b)(5) of Chapter 15, Division 3, Title 23 of the California Code of Regulations, requires that Regional Boards shall specify in Waste Discharge Requirements, the elements of land treatment programs by dischargers who treat or dispose of wastes in land treatment waste management units.

4. Each month this Board receives a large number of Reports of Waste Discharge for the land treatment of hydrocarbon contaminated soils. Such requests far exceed the capacity of staff to review and bring to the Board for adoption, individual waste discharge requirements. These circumstances create the need for an expedited system for processing the numerous requests.

Revised October 22, 1990

5. The adoption of general waste discharge requirements would 1) simplify the application process for dischargers, 2) free up staff for higher priority work, and 3) reduce Board time involved by enabling the Executive Officer to notify the discharger, in appropriate cases, of the applicability of the general requirements adopted by the Regional Board. The vast majority of these discharges is characterized by low volume, short term discharges to land primarily for the purpose of allowing reuse of the soil during site cleanup and development.

6. These general waste discharge requirements for land treatment of up to 100,000 cubic yards of petroleum hydrocarbon contaminated soil for durations not exceeding 365 days under the direction of the Executive Officer, would benefit the public, staff and the Board through a streamlined process without loss of significant regulatory oversight.

7. The Board adopted revised Water Quality Control Plans for Santa Clara River Basin and Los Angeles River Basin on April 27, 1978 and November 27, 1978, respectively. These Water Quality Control Plans contain water quality objectives for ground water for all Hydrologic Subareas within the Region. The requirements contained in this Order, as they are met, will be in conformance with the goals of these Water Quality Control Plans.

8. All ground waters in both the Los Angeles and Santa Clara River Basins have beneficial uses which include municipal and domestic supply, agricultural supply, industrial process supply, and groundwater recharge.

9. The waste discharge requirements contained in this order would regulate such land treatment programs in accordance with Title 23, Division 3, Chapter 15, of the California Code of Regulations.

10. The issuance of Waste Discharge Requirements for the discharges subject to these general requirements is exempt from the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code pursuant to one or more of the following provisions: (1) The lead agency has prepared a negative declaration

based on findings pursuant to California Code of Regulations, Title 14, Chapter 3, Section 15070 which show that there will be no significant impact on water quality; or (3) The project would effect a minor alteration to the condition of land, and is exempt in accordance with Title 14, Chapter 3, Section 15304 of the California Code of Regulation.

11. This land treatment operation is a one time, short term process, and is not anticipated to require in excess of 365 days to complete at which time these requirements will expire.

12. These general waste discharge requirements are not intended to alter any existing working arrangements relating to cleanup cases with local governmental agencies.

The Board has notified the interested agencies and persons of its intent to adopt general waste discharge requirements for land treatment projects and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public meeting heard and considered all comments pertaining to the tentative requirements.

IT IS HEREBY ORDERED THAT:

A. This Order shall serve as General Waste Discharge Requirements for the temporary discharge of petroleum hydrocarbon contaminated soil to an on-site land treatment facility for land treatment processing of the soil. Upon receipt of a Report of Waste Discharge describing such a discharge, the Executive Officer shall determine if such discharge 1) involves 100,000 cubic yards or less of contaminated soil to be land treated, 2) involves a process that will bioremediate the contaminated soil to acceptable levels as determined by the Executive Officer, but not exceeding 1000 ppm, 3) will be completed within 365 days, and 4) is covered by adequate site assessment which characterizes the nature and extent of the soil contamination including sufficient water quality data, collected under the direction of an appropriate regulatory

agency, to determine the impact on ground water resulting from such soil contamination. In the event the Executive Officer so finds, he shall notify the applicant (hereinafter called the Discharger) in writing that the proposed land treatment operation is subject to this Order.

Notwithstanding the provisions of the above paragraph, appropriate cases may be brought to the Board for adoption of individual requirements when the Executive Officer deems it desirable or necessary to do so.

B. The operation of any temporary land treatment facility shall be in conformance with Title 23, Division 3, Chapter 15, of the California Code of Regulations, "Discharge of Waste To Land", including but not limited to Sections 2510; 2532(b-5); 2549; 2550; 2580; 2584; 2590 and the following special provisions:

1. Wastes discharged on-site for biodegradation by a land treatment process shall be limited to hydrocarbon contaminated soil found on site. No other waste material shall be imported for land treatment on-site. The land treatment process, which includes water, nutrients and bacterial addition to soil along with soil aeration in the treatment zone, shall be conducted in such a way that no contaminants are added to surface water or ground waters.

2. For any proposed development on-site during the land treatment, closure and post-closure period, as defined in Title 23, Division 3, Chapter 15 of the California Code of Regulations, the discharger shall submit to this Board, written notification of such development.

3. During the land treatment operations, surface runoff from the drainage area tributary to this site shall be prevented from passing over or percolating through the treatment zone. Adequate facilities shall be provided to divert all surface runoff from storms away from the treatment area.

4. The treatment zone shall be bermed in such a way that storm water falling directly on the treatment zone will be contained. Standing water within the contained treatment zone shall be pumped down immediately and

removed to treatment facilities on site or disposed of at a legal disposal site. For the purpose of this requirement, a legal point of disposal is defined as one for which waste discharge requirements have been established by a California Regional Water Quality Control Board, and which is in full compliance therewith.

5. No condition of pollution or nuisance shall be caused by the handling, treatment or reuse of the wastes or from any excavation operation conducted in association with this land treatment operation.

6. Odors from the handling, treatment or reuse of these wastes shall not be perceivable beyond the limits of the property owned or controlled by the discharger. The discharger shall demonstrate, to the satisfaction of the Executive Officer, a positive method for odor control, prior to beginning a full-scale land treatment operation.

7. All required state and local health department permits and/or variances and air quality permits and/or variances shall be obtained by the discharger prior to commencing the land treatment operation.

8. During full-scale operation of the land treatment operation, a sampling and analysis program shall be implemented, in accordance with a Monitoring and Reporting program prescribed by the Executive Officer, to verify that complete degradation and transformation of the petroleum hydrocarbon is occurring to levels approved by the Executive Officer. Reporting of this data shall comply with the Monitoring and Reporting Section of this Order.

9. Maximum land treatment zone thickness shall not exceed 18 inches or the maximum depth of penetration of the aeration equipment, whichever is less, except with prior written approval of the Executive Officer.

C. The following General Provisions Shall Apply:

1. A copy of these requirements shall be maintained at the discharge facility and be available at all times to operating personnel.

2. In the event of any change in name, ownership, or control of these land treatment facilities, the discharger shall notify this Board in writing and shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to the Board.

3. In the event the discharger is unable to comply with any of the conditions of this Order due to:

   (a) Breakdown of waste treatment equipment,

   (b) Accidents caused by human error or negligence,

   (c) Other causes such as acts of nature,

   (d) Facility operations,

   The discharger must notify this Board by telephone within 24 hours of the incident and confirm it in writing within one week of the telephone notification.

4. In accordance with Section 13260 of the California Water Code, the discharger shall file a report with this Regional Board of any material change or proposed change in the character, location or volume of the discharge.

5. In accordance with Section 13267 of the California Water Code, the discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted.

6. Wastes discharged or reclaimed for reuse as soil backfill shall not contain any substance in concentrations toxic to human, animal, plant, or aquatic life.

7. Any off-site disposal of wastes shall be to a legal point of disposal and in accordance with the provisions of Division 7.5 of the Water Code. A legal point of disposal is defined in item A4 above.

8. The Regional Board and other authorized representative shall be allowed:

   (a) Entry upon premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this Order;

   (b) Access to copy any records that are kept under the conditions of this Order;

   (c) To inspect any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and

   (d) To photograph, sample, and monitor for the purpose of assuring compliance with this Order, or as otherwise authorized by the California Water Code.

9. Following completion of the land treatment program on site, the discharger shall, implement a land treatment facility closure plan, which complies with the requirements of Article 8, Chapter 15, Division 3, Title 23, of the California Code of Regulations. As a minimum the plan shall include but not be limited to the following:

   (a) continue all operations necessary to maximize degradation of waste constituents within the treatment zone,

   (b) continue all ground water and unsaturated zone monitoring,

   (c) continue all operations in the treatment zone to prevent runoff from the site containing waste constituents, and

   (d) maintain the precipitation and drainage control systems.

10. In accordance with Section 13263 of the Water Code, these waste discharge requirements are subject to periodic review and revision by this Regional Board.

11. These requirements do not exempt the discharger from compliance with any other laws, regulations, or ordinances which may be applicable, they do not legalize these land treatment and disposal facilities and they leave unaffected any further restraints on those facilities which may be contained in other statues or required by other regulatory agencies.

12. An appropriate Health and Safety Plan for all assessment and mitigation activities at the site shall be filed with this Board prior to commencing any land treatment activities.

E. The attached Monitoring and Reporting Program is made a requirement of the order.

F. The Waste Discharge Requirements regulating a specific short term land treatment expire 365 days after the Executive Officer has determined the applicability of this Order to the specific project.

I, Robert P. Ghirelli, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region on October 22, 1990.

Robert P. Ghirelli

ROBERT P. GHIRELLI, D.Env.
Executive Officer

STATE OF CALIFORNIA PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500

I-593-3S

106577

December 13, 1991

12/19/91

Mr. Norb Parseneault
HUGHES MARKETS, INC.
2716 San Fernando Road
Los Angeles, CA 90065

WELL INVESTIGATION PROGRAM-INFORMATION REQUEST (FILE NO.AB108.1643) FOR PROPERTY AT 14041 EAST LIVE OAK AVENUE, IRWINDALE, CA, FORMER KOLL CO. PROPERTY, CURRENT PROPERTY OWNER HUGHES MARKETS, INC.

It has come to this Board's attention that an underground waste storage tank (UWST) was recently removed from the above referenced property under the jurisdiction of Los Angeles County Department of Public Works (LACDPW). It was indicated that soil samples were collected and analyzed, the lateral and vertical extent of contamination was, at least, partially determined and a closure report is to be prepared and submitted to LACDPW.

The objective of this agency's well investigation program is to identify and eliminate possible sources of contamination in near-by drinking water wells. This is a comprehensive program because even small discharges may have additive effects on the ground water quality in the area.

Based on the above considerations this Board respectfully requests that you submit the following information:

1) Provide a scaled map showing the location of the UWST and any associated plumbing, all soil sample points and area(s) of remediation.

2) Provide a copy of the closure report and all soil sampling analytical results.

3) Provide copies of any other subsurface investigative work completed or ongoing at your property.

4) Provide copies of all past, current and future correspondence between you and LACDPW concerning removal of the UWST, closure report(s), and remediation requirements (if applicable).

The above required information must be submitted to this Regional Board by **January 24, 1992.**

You are also requested to notify this Board of any changes at the subject property which may affect operations, property ownership, storage and handling of chemicals or processing and disposal of wastes.

CO910657 MW

You are also reminded that this Board may impose additional requirements (which may include, but not be limited to subsurface investigation/sampling and/or remediation) concerning the UWST removed from the subject property pending review of the above requested information and other pertinent data.

Please contact Rick Kaumeyer at (213) 266-7529 if you have any questions concerning this matter and address all correspondence to his attention.

ROY R. SAKAIDA
Senior Water Resource
Control Engineer

RRS:rk

cc: Mr. Neil Ziemba, USEPA, Region IX
Mr. Wayne Praskins, USEPA, Region IX
Mr. Carl Sjoberg, Los Angeles County Department of Public Works
Mr. Bill Jones, Los Angeles County Department of Forester and Fire Warden
Mr. John Maulding, SGV Watermaster
Mr. Thomas Stetson, SGV Watermaster

I-593-35

106379

Waste

STATE OF CALIFORNIA

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500

RECEIVED
DEC 19 1991
Department Of Public Works
WASTE MANAGEMENT DIVISION

December 13, 1991

Mr. Carlos Alvarado
5050 North Irwindale Avenue
City of Irwindale, CA 91706

WELL INVESTIGATION PROGRAM-REQUEST FOR INFORMATION-(FILE NO. AB108.1643) CONCERNING PROPERTY AT 14041 EAST LIVE OAK AVENUE, IRWINDALE, CA, FORMER UNITED PIPE CONCRETE-KOLL COMPANY PROPERTY

It has come to the attention of this Regional Board that the City of Irwindale, within the past year, has purchased a portion of the property at the above referenced address including the water (pumping) rights to an on-site production well. Additionally, it was learned, that a second well was recently discovered on-site, the condition of which is unknown.

Since the Well Investigation Program of this Regional Board is responsible for identifying and abating subsurface contamination which may impact ground water quality we respectfully request the following information regarding the subject property and the attending well(s):

1) Provide a scaled map showing the exact parcel of land which the City of Irwindale owns and the locations of the well(s).

2) Describe/discuss briefly the city's pumping rights regarding the well(s).

3) Provide a copy of the most recent ground water sampling-analytical results for both wells.

4) Provide a diagram showing the design/construction/completion of each well. Include any other pertinent information.

5) If either one or both of the wells will not be used or adequately maintained, the well(s) must be abandon per Los Angeles County, Department of Health Services-Water, Sewer, and Subdivision Program (LAC,DHS,WSSP) guidelines as soon as possible as the well(s) may provide a conduit for contamination to reach ground water. You may contact Mr. Al Bragg of LAC,DHS at (213) 881-4147 for information regarding well abandonment requirements/procedures.

CO9065794W

6) Provide information on any known contamination (soil and/or ground water), chemical spills, or subsurface investigation(s) associated with the subject property.

7) Please provide this Regional Board with copies of all correspondence between you and any other agencies regarding bringing this property into compliance with other agency's applicable guidelines/requirements.

The above required information must be submitted to this Regional Board by **January 24, 1992.**

You are also requested to notify this Board of any changes at the subject property which may effect operations, property ownership, storage and handling of chemicals or processing and disposal of wastes.

If you have any questions concerning this matter please contact Rick Kaumeyer at (213) 266-7529 and address all correspondence to his attention.

ROY R. SAKAIDA
Senior Water Resource
Control Engineer

RRS:rsk

cc: Mr. Neil Ziemba, USEPA, Region IX
Mr. Wayne Praskins, USEPA, Region IX
Mr. Seiichi Saito, LAC,DHS
Mr. Carl Sjoberg, LACDPW
Mr. John Maulding, SGV Watermaster
Mr. Thomas Stetson, SGV Watermaster

STATE OF CALIFORNIA

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500

March 5, 1992

Ms. Yvonne M. Taylor
Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue, Annex, Second Floor
Alhambra, CA 91803-1331

WELL INVESTIGATION PROGRAM-COPY ALL CORRESPONDENCE REQUEST, HUGHES MARKETS, (FILE NO. AB108.1711)

This is a follow-up to the meeting held at your Los Angeles County Department of Public Works (LACDPW) office on February 20, 1992, regarding the underground waste storage tank (UWST) that was recently removed, under the jurisdiction of LACDPW, from property owned by Hughes Markets, Inc. at the following address:

Contact: Mr. Norb Parseneault
Hughes Markets, Inc.
14005 East Live Oak Avenue
Irwindale, CA 90071

This Regional Board respectfully requests that your department copy us on all correspondence between you and the owner of the above referenced property regarding UWST removal, remediation/monitoring (if applicable) and closure (report/analytical results) as this Board is currently involved in an ongoing investigation of the redevelopment area which includes this site and wishes to keep informed of all additionally required or future investigations/requirements concerning the site. We also request that you consider, where appropriate, requiring soil, soil vapor and/or ground water samples be analyzed for volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs).

If you have any questions concerning this matter please contact Rick Kaumeyer at (213) 266-7529 and address all correspondence to his attention.

ROY R. SAKAIDA
Senior Water Resource
Control Engineer

RRS:rsk

cc: Mr. Wayne Praskins, USEPA, Region IX
Mr. Carl Sjoberg, LACDPW, Underground Tank Division
Mr. Norb Parseneault, Hughes Markets, Inc.

C63167

File No. 593 **S I T E S P E C I F I C S T A T U S S H E E T**

Project Manager: YMT Inspector: TC Local Oversight Status: C Date of Printing: 02/19/92

SITE NAME & ADDRESS:	RESPONSIBLE PARTY NAME & ADDRESS:	CONSULTANT NAME & ADDRESS:
United Concrete Pipe	United Concrete Pipe	Woodward - Clyde
14041 E. Live Oak Avenue	Bill Richardson	Tom Zdeb
Irwindale ,CA 91706	P.O. Box 429	203 N. Golden Circle Drive
	Baldwin Park CA 91706	Santa Ana, CA 92705
Additional RPs? N	(818) 337-1211 FAX:	(714) 835-6886 FAX:

SCAQMD Permit?	Soil Contamination? Yes	GW Contamination? No
Health & Safety Plan?	Deepest Contamination: 16 ft	Gradient (ft/~~ft~~ & ~~dir~~):
Remedial Actions Taken: EO	High Contam Level (ppm): 259	GW Contam Level (ppb) :
Predominate Soil Type:		Depth to GW - actual : ft
Source of Release:		- historic: ft
Probable Contaminants: w/o		- regional: 159 ft
	GW Depth Source:	

Date Corresp Sent/Recd	INCOMING Date on Letter	Rev By	OUTGOING Ltr By	Reply Recd	Summary of Correspondence I- 593
08/02/88					Permit 46548 pulled - 500 gallon concrete sump
01/12/89					Discovery of 3k tank beneath the sump
03/16/89					Permit 5418B pulled - 3k-w/o
06/26/89					LETTER (to Nicole Long) - confirming verbal agreement to backfill pit.
12/05/89					CLOSURE REPORT (Terra Tech) - they excavated and sampled, all results are below 100 ppm, 8020 was ND. Soil hauled away = 150 tons (6 manifest), excavated down to = 17'. Report discussed, the 3k w/o tank. Give final closure
04/04/90			PAP	*	NOTICE TO RP
06/12/90					ADDITIONAL INFO (from United) - chronology of events; plot plan showing sump above 3k tank
07/06/90			YMT	?	Closure Review - discuss removal of 500 gallon. Sump removed 3/23/90
07/24/90		YMT			RESPONSE FROM RUDY'S
10/29/90	10/18/90	YMT			RESPONSE (Woodward-Clyde) - there was an attempt to make it all one permit; 500 gallon sump was located directly above the 3k tank, see layout of sump and tank. Need signature from RG.
12/03/90			YMT	?	DPW Review - need wet signature from
12/06/90					Spoke with Tom Zeb - they just complied the data. No signature recuired. See Terra Tech. closure report.
02/25/91			YMT	*	CLOSURE CERTIFICATE
12/05/91	12/03/91	YMT			WASTE DISCHARGE REQUIREMENTS
12/17/91	12/17/91	YMT			LETTER
__/__/__					
__/__/__					
__/__/__					
__/__/__					

Comments:
Closure should be granted to both permits 4654 & 5418B

C637169

UST LOCAL OVERSIGHT PROGRAM - SITE ADD SHEET
date of printing: 02/19/92

****** S I T E I N F O R M A T I O N ******

Site ID: 593 Site Name: United Concrete Pipe
Street: 14041 E. Live Oak Avenue
City: Irwindale ,CA 91706

Project Eng.: Taylor LOP Status (I/R/U/C): C Inspector (inits): TC

****** Q U A R T E R L Y R E P O R T I N F O R M A T I O N ******

Funding (S/F): F Federal Exempt? (Y/N): N Petroleum? (Y/N): Y
Substance (code): 12035 Waste Oil Date Reported (to county): 12/05/89
Case Type (U/S/G/D): S Date Confirmed (into LOP): 03/01/90
Contract Status (1-9): 9

RP Search (S/I/R/N/_):	S	Date Begin:	03/01/90	Date End:	03/01/90
Prelim Investigation (U/C):	C	Date Begin:	03/23/89	Date End:	03/23/89
Site Assessment (U/C):	C	Date Begin:	03/23/89	Date End:	04/13/89
Remedial Action (U/C):	C	Date Begin:	04/13/89	Date End:	06/01/89
Post Rem. Monitor (Y/N/U/C):	N	Date Begin:		Date End:	

Enforcement Act. Taken? (Y/N): Y Type: 1 Case Closed? (R/Y/_): Y
Date Last Correspondence Received: 10/29/90 Date Case Closed: 02/25/91
Date Remedial Excavation Started: 04/13/89 Date Case Rejected:
Remedial Actions Taken (code): ED Referred to:(REG/UST):
LUFT Category (1/2/3): 2

****** R E S P O N S I B L E P A R T Y A D D R E S S ******

Multiple RPs? (Y/N): N
RP Contact Name: Bill Richardson FAX:
RP Company Name: United Concrete Pipe Phone: (818) 337-1211
Street: P.O. Box 429
City: Baldwin Park CA 91706

Additional RPs:

****** C U R R E N T C O N S U L T A N T A D D R E S S ******

Contact Name: Tom Zdeb
Phone Number: (714) 835-6886 FAX:
Company Name: Woodward - Clyde
Street: 203 N. Golden Circle Drive
City, State, ZIP: Santa Ana, CA 92705

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

March 31, 1992

IN REPLY PLEASE
REFER TO FILE

I-593

Mr. Norb Parsoneault
Hughes Markets
2716 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM REVIEW SHEET
INVESTIGATION OF WASTE OIL TANK AND TANK CLOSURE REPORT
PREPARED BY: WOODWARD-CLYDE CONSULTANTS
REPORTS DATED: DECEMBER 1991 AND JANUARY 14, 1992
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 EAST LIVE OAK BOULEVARD, IRWINDALE

C 31606

As discussed in our meeting on February 20, 1992 with Allstaire Callender of Woodward-Clyde and Richard Kaumeyer of the California Regional Water Quality Control Board, our agency is requesting additional investigation to further define the lateral limits of the petroleum contamination.

Although Boring B (drilled approximately 35 feet southeast of the tank) stepped out in the clean soil, the extent of contamination toward the northeast, southwest, and northwest remains undefined by laboratory analysis. Borings should step out into clean soil and encircle the plume.

It is understood that due to the underground utilities and the close proximity of Arrow Highway it would be difficult to drill toward the northeast. However, measures should be taken to determine the possibility of obtaining an encroachment permit to drill in the street.

Also, since it is uncertain as to the historical high groundwater level, it is advised that the investigation extend vertically to a minimum depth of 25 feet below the deepest detectable contamination. Selected soil samples should be analyzed for volatile organics and as mentioned by Richard Kaumeyer of the California Regional Water Quality Control Board soil test should be run for PCB's due to the presence of transformers on the site.

It was discussed that an in situ form of bioremediation is being considered, however, feasibility tests need to be conducted. We require that the State Department of Health Services, Office of Alternative Technologies be notified of this proposed remediation and their requirements be met prior to approval from our office. Please provide this agency with a workplan discussing the next phase of site investigation and remediation by April 30, 1992.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site. The Los Angeles County Department of Public Works may disregard the work performed if the County was not properly notified.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed _____
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:ts
WP/593

cc: Mr. Richard Kaumeyer, California Regional Water Quality Control Board
Woodward-Clyde Consultant

File

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: Dave Lobato/Taylor DATE: 9-16-92

FROM: Tom CUSTARD FILE: I-593

INDUSTRY: United Concrete Pipe
14041 E. Live OAK ave., Irwindale

REPORT: This was a Scheduled oversight inspection For drilling of exploratory borings For Site assessment. No representatives From Woodward Clyde Consultants were Seen when I arrived on-site. According to Construction Manager John Navarro, The drilling was rescheduled. I was not notified previously. Much of the area around the Former Tank area is under Construction. Proposed boring locations appeared to be marked with Stakes. (Photo) Surface evidence of at least three (3) Monitoring Wells were Seen. (Photo's) Two (2) of the Monitoring Wells exist near a Shallow pit. The area around the Former Waste oil Tank does not appear to be under Construction. Several Large Soil piles are Seen in the area. No Signs of Contamination were noted.

C637178

38-0002 DPW 10/86

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

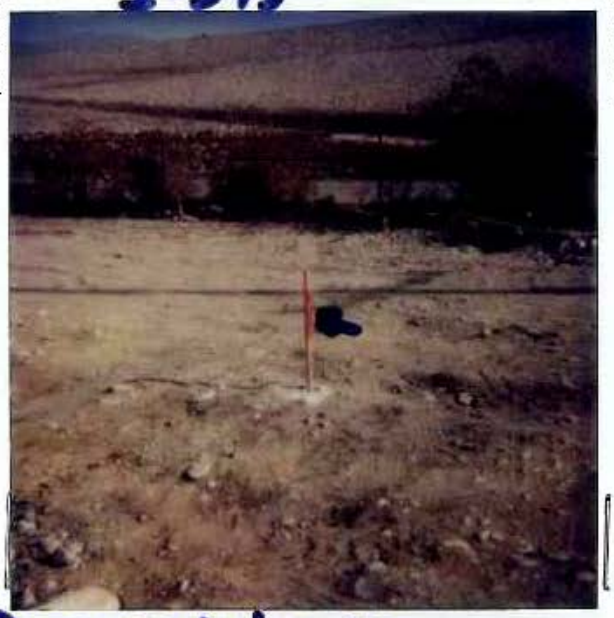
Waste Management Division

I-593



Possible monitoring wells

I-593



Proposed boring locations MARKED with STAKES & FLAGS

I-593



Possible Monitoring well in Pit

NOT 72 HRS.

INSPECTION REQUEST

Call Date: 9-14-92 Inspection Date: 9-16-92

Caller: Alistire Callender Time: 9:00

From: Woodward Clyde Consultants File No.: I- 593

Telephone: 714 835-6886 Project Engr.: Yvonne Taylor

Site Name: United Concrete Pipe

Site Address: 14041 E. Live Oak Ave
Irwindale

Purpose	Type	Sampling				Comments
		Yes	No	Soil	Water	
Tank Closure						3 Borings to 125 ft
-						
Site Assessment	X	X		X		
Remediation						
Post Remediation Verification						
Mobil Lab Yes___ No X	Lab Analysis: 8015, 418.1					

Work Plan Approval: Letter X By _____
Verbal ___

Type of Contamination: waste oil

Health and Safety Plan Submitted and In File: Yes ___ No ___ have one prepared

Assigned Inspector: Tom Custard

* If samples are requested, Project Engineer to determine number, location and depth.

Comments: Make sure they go 25' below ND
ASK About Samples under dispensers on Mission Foil property

3 of 3 Form completed by: Terri

DL:ts(3)/IR

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

September 17, 1992

IN REPLY PLEASE
REFER TO FILE I-593

Mr. Norb Parsoneault
Hughes Market
2716 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM REVIEW SHEET
WORKPLAN TO CONDUCT REMEDIAL INVESTIGATION
PREPARED BY: WOODWARD CLYDE
REPORT DATE: MAY 18, 1992
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 EAST LIVE OAK AVENUE, IRWINDALE

This office has reviewed the subject document. Please be advised that prior to approval of the in-situ bioremediation project, the Department of Toxic Substances Control must be informed and a variance obtained. Please contact Paul Hadley at (916) 324-3823 for more information regarding this matter. Also, additional investigation was proposed, however, the plot plan provided by Williamson and Schmid does not clearly show the location of the former waste oil tank, previous boring locations, and proposed boring locations.

Please submit a revised plot plan to this office by October 30, 1992.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site. The Los Angeles County Department of Public Works may disregard the work performed if the County was not properly notified.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed _____
Pat Prdano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:tr/PP201536/May 21, 1992
WP/593-1

cc: Mr. Richard Kaumeyer, California Regional Water Quality Control Board
Mr. Alistaire Callender, Woodward Clyde

I-593

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 1, 1993

IN REPLY PLEASE REFER TO FILE I-593

MR NORB PARSONEAULT
HUGHES MARKET
2716 SAN FERNANDO RD
LOS ANGELES CA 90065

Dear Mr. Parsoneault:

STATUS REQUEST
HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 E. LIVE OAK AVENUE, IRWINDALE

You were notified on September 17, 1992, to submit additional information on or before October 30, 1992. As of this date, our records show that you have not responded. Please be advised that the required information must be submitted along with a update on the status of the project to this office by February 26, 1993.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P.O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed _____
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:rm
WP/593-2

cc: Mr. Richard Kaumeyer, California Regional Water Quality Control Board
Mr. Alistaire Callender, Woodward Clyde

C637186

MAILING LIST

Mr. Archie Matthews, SWRCB, Division of Water Quality
Mr. Jorge Leon, SWRCB, Office of Chief Counsel
Mr. Wayne Praskins, USEPA, Region IX
Mr. Dennis Dickerson, Cal-EPA, TSC, Region 3
Mr. Bill Jones, LACFD-HMCP
Mr. Paul Martyn, LACSD
Mr. Carl Sjoberg, LACDPW
Mr. John Yee, South Coast Air Quality Management District
Department of Fish and Game, Region 5
Mr. Thomas Stetson, Stetson Engineers, Inc.
Mr. John Maulding, San Gabriel Valley Watermaster
Mr. Carlos Alvarado, City of Irwindale, City Engineer
Mr. Julian Dawson, City of Baldwin Park, Building Department
Mr. Alistaire Callender, Ph.D., Woodward-Clyde Consultants,

593-35

STATE OF CALIFORNIA PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500

PJL/RWQC

U.S. Pipe & Foundry Co
14041 E. Live Oak Ave
Irwindale

Received WM
12/17/92

C48934

December 15, 1992

Mr. Peter C. Tilton
THE KOLL COMPANY
515 South Figueroa Street, Suite 750
Los Angeles, CA 90071

WELL INVESTIGATION PROGRAM-WASTE DISCHARGE REQUIREMENTS/LAND TREATMENT PROJECT CLOSURE APPROVAL FOR PROPERTY AT 14041 EAST LIVE OAK AVENUE, IRWINDALE, KOLL BUSINESS CENTER, (FILE NO. AB108.1643), [SITE CLEANUP UNIT FILE NO. 90-60-19(91)]

Board staff are in receipt of your November 9, 1992, "Final Project Completion Report on Land Treatment of Soil at Koll Business Center, Irwindale, CA", prepared by your consultant, Woodward-Clyde, requesting closure of the land treatment project. This Regional Board issued The Koll Company a land treatment permit in accordance with "GENERAL WASTE DISCHARGE REQUIREMENTS FOR LAND TREATMENT OF HYDROCARBON CONTAMINATED SOIL", Order No. 90-148 on December 3, 1991, to bio-remediate approximately 9,000 cubic yards of (primarily) hydrocarbon contaminated soil. The soil was excavated from a former settling pond located along the western boundary of the referenced property.

Soil samples collected from the settling pond during excavation were analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8240, petroleum hydrocarbons (TRPH) by EPA Method 418.1, CAM metals and pH. Also, two samples were evaluated for characteristics of toxicity and semi-volatiles by EPA Method 8270.

Approximately 17,000 cubic yards of (primarily) hydrocarbon impacted soil was excavated from the former settling pond area. Subsequent screening/removal of boulders and cobbles reduced the volume of soil to be bio-remediated (at the on-site land treatment unit-LTU) to approximately 9,000 cubic yards.

Three rounds of soil sampling (in April, June, and September of 1992) were conducted at the LTU. Soil samples were analyzed for TRPH by EPA Method 418.1, TPH by EPA Method 8015, aromatic volatile organics by EPA Method 8020, total lead, pH, moisture content, nutrient concentration (nitrate, ammonia, and total phosphate) and density of hydrocarbon-degrading microorganisms. Two soil samples were collected on October 18, 1992, and analyzed for VOCs by EPA Method 8260. Also, a water sample was collected from the retention pond during March of 1992 when runoff from the LTU was present as a result of heavy rainfall.

The most recent laboratory analytical results indicate that average petroleum hydrocarbon concentrations at the LTU have decreased and currently range from 40 mg/kg to 530 mg/kg. 6 µg/kg of chloroform was the only VOC detected in soil samples collected during October 1992. No VOCs were detected in the rainwater runoff sample. Toluene (2 µg/kg) and xylene (3 µg/kg) were detected in soil samples collected during the second round of sampling (June and July of 1992), but nearly identical concentrations of these compounds were present in laboratory blank samples. Total lead concentrations were below TTLC and STLC limits.

Based upon the existing data Board staff conclude that the requirements set forth in the Land Treatment Permit No. 90-148-19 have been met and approve closure of this land treatment project.

This determination is based upon data and information developed by Woodward-Clyde and The Koll Company to date. In accordance with its legal authority if contrary information arises in the future (from continuing soil/groundwater investigations or monitoring), this Regional Board has the option of ordering additional investigation or taking other actions as deemed appropriate.

Additionally, the jurisdictional requirements of other agencies, such as the U. S. Environmental Protection Agency and the California-EPA, Department of Toxic Substance Control are in no way affected by this determination. Such agencies may choose to evaluate the situation and make their own determinations.

Please contact Rick Kaumeyer at (213) 266-7529 if you have any questions concerning this matter and address all correspondence to his attention.

Hank H Yacoub

HANK H. YACOUB
Supervising Water Resource
Control Engineer

HHY:AC:rsk

MAILING LIST

Mr. Archie Matthews, SWRCB, Division of Water Quality
Mr. Jorge Leon, SWRCB, Office of Chief Counsel
Mr. Wayne Praskins, USEPA, Region IX
Mr. Dennis Dickerson, Cal-EPA, TSC, Region 3
Mr. Bill Jones, LACFD-HMCP
Mr. Paul Martyn, LACSD
Mr. Carl Sjoberg, LACDPW
Mr. John Yee, South Coast Air Quality Management District
Department of Fish and Game, Region 5
Mr. Thomas Stetson, Stetson Engineers, Inc.
Mr. John Maulding, San Gabriel Valley Watermaster
Mr. Carlos Alvarado, City of Irwindale, City Engineer
Mr. Julian Dawson, City of Baldwin Park, Building Department
Mr. Alistaire Callender, Ph.D., Woodward-Clyde Consultants,

ATE OF CALIFORNIA—ENVIRONMENTAL PROTE[illegible]N AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600

593-35

EK/RWQC

US Pipe & Foundry Co.
14041 E. Live Oak Ave
Irwindale

REC[illegible]

JU[illegible]93

DEPAR[illegible] OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

C69281

July 23, 1993

United Concrete Pipe Corporation
or current owner/operator
14041 East Live Oak Avenue
Irwindale, California 91706

RESCISSION OF WASTE DISCHARGE REQUIREMENTS -
Baldwin Park Plant (NPDES No. CA0001597; Order No. 90-018)

Reference is made to the subject waste discharge requirements and National Pollutant Discharge Elimination System (NPDES) permit adopted by this Regional Board for the discharge of wastes from the subject facility.

An on-site inspection verified that the NPDES permit is no longer necessary since the facility has been demolished and the discharge has been terminated.

In accordance with administrative procedures, this Board at a public hearing will consider the enclosed tentative order which will rescind the requirements and NPDES permit for your facility. The hearing will be held on August 23, 1993, 9:30 a.m., in the City Council Chambers at San Buenaventura City Hall, 501 Poli Street, Ventura, California.

If you have any questions, please contact Harry Nguyen at (213) 266-7618.

Joshua M. Workman

JOSHUA M. WORKMAN
Senior Water Resource
Control Engineer

United Concrete Pipe Corporation CA0001597
Mailing list

cc: Archie Matthews, State Water Resources Control Board,
Division of Water Quality
Jorge Leon, State Water Resources Control Board,
Office of Chief Counsel
Department of Fish and Game, Region 5
Department of Health Services, Public Water Supply Branch
Environmental Protection Agency, Region 9,
Permits/Pretreatment Section (W-5-1)
U. S. Army Corps of Engineers
County of Los Angeles, Department of Health Services
County of Los Angeles, Department of Public Works,
Waste Management Division
City of Irwindale

RECEIVED
1993 JUL 26 PM 2:09
MAILROOM
900 S. FREMONT AVE.

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. 93-XXX

RESCINDING WASTE DISCHARGE REQUIREMENTS AND
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMITS

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. This Regional Board has adopted waste discharge requirements for discharges to surface waters which also serve as the National Pollutant Discharge Elimination System permit for the dischargers listed below.

2. The dischargers have terminated the discharge to surface waters.

3. Board staff has verified, by inspection, that there is no longer a waste discharge to surface waters.

4. Therefore, requirements are no longer applicable and should be rescinded.

5. The rescission of waste discharge requirements for these discharges are exempt from the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.

By letter dated July 23, 1993, this Regional Board notified the dischargers and interested agencies and persons of its intent to conduct a public hearing to consider rescission of the subject waste discharge requirements.

The Regional Board, in a public hearing, heard and considered all testimony pertinent to the matter.

IT IS HEREBY ORDERED that the following requirements are hereby rescinded:

Discharger (NPDES No.)	Order No.	Date Adopted	Reason for Rescission
United Concrete Pipe Baldwin Park Plant (CA0001597)	90-018	1-29-90	Moved/ Demolished

TENTATIVE

ARCO Terminal Services Terminal 1, Berth 118 Long Beach Harbor (CA0000434)	88-097	9-26-88	Terminated discharge

The Executive Officer of this Regional Board, is authorized, and he is hereby directed, to certify and submit copies of this Order to the discharger, and to such individuals and governmental agencies as may have need therefor, or as may request same.

I, Robert P. Ghirelli, Executive Officer, do certify that the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region on August 23, 1993.

_____

ROBERT P. GHIRELLI, D.Env.
Executive Officer

TENTATIVE

cc: Mr. Wayne Praskins, USEPA, Region IX
Ms. Carol Williams, Main San Gabriel Basin Watermaster
Mr. Dennis Dickerson, Cal-EPA, Department of Toxic Substances Control, Region III
Mr. Paul Martyn, Los Angeles County Sanitation District
Mr. Carl Sjoberg, L.A. County Department of Public Works, Underground Tank Program
Mr. Bill Jones, L.A. County Fire Department, Hazardous Materials Control Program
Mr. Thomas Stetson, Stetson Engineering, Inc., Engineer for Watermaster
Mr. Carlos Alvarado, City of Irwindale, City Engineer
Mr. Norb Parsoneault, Hughes Markets
Mr. Peter C. Tilton, The Koll Company
Mr. Alistaire Callender, Woodward-Clyde Consultants

I-593-35

106

STATE OF CALIFORNIA — PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500

December 13, 1991

Mr. Carl Sjoberg
Los Angeles County
Department of Public Works, Underground Tanks Program
900 South Fremont Avenue, P.O. Box 1468
Alhambra, CA 91803

PAT

WELL INVESTIGATION PROGRAM-COPY ALL CORRESPONDENCE REQUEST
(FILE NO. AB108.1643)

It has come to the attention of this Regional Board that an underground waste storage tank (UWST) was recently removed, under the jurisdiction of LACDPW, from property owned by Hughes Markets, Inc. at the following address:

Contact: Mr. Norb Parseneault
Hughes Markets, Inc.
14041 East Live Oak Avenue
Irwindale, CA 90071

This Regional Board respectfully requests that your department copy us on all correspondence between you and the owner of the above referenced property regarding UWST removal, remediation (if applicable) and closure (report/analytical results) as this Board is currently involved in an ongoing investigation of the redevelopment area which includes this site and wishes to keep informed of all additionally required or future investigations concerning the site. We also request that you consider, where appropriate, requiring soil samples be analyzed for Volatile Organic Compounds (VOCs).

If you have any questions concerning this matter please contact Rick Kaumeyer at (213) 266-7529 and address all correspondence to his attention.

ROY R. SAKAIDA
Senior Water Resource
Control Engineer

RRS:rsk

C910674W

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

March 15, 1993

IN REPLY PLEASE
REFER TO FILE I-593

MR NORB PARSONEAULT
HUGHES MARKET
2716 SAN FERNANDO RD
LOS ANGELES CA 90065

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM (LOP)
LEAD AGENCY TRANSFER
CLOSURE PERMIT NO. 6058B
LOCATION: 14041 EAST LIVE OAK AVENUE, IRWINDALE

As discussed in our meeting held on February 18, 1993, between your consultant Woodward Clyde, the Regional Water Quality Control Board (RWQCB) and our agency it was concluded that the site be referred to the (RWQCB) for Lead Agency status. This was due to the concern for possible vapor transport and the sensitivity of the site location within the San Gabriel Well Investigation Program.

The site will be rejected from our LOP and no further costs will be billed to you for this project. We do request, however, that our agency be carbon copied on all reports regarding the status of the project for our records.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed _____
for Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:rm
WP/593

cc: Mr. David Koo, California Regional Water Quality Control Board
Mr. Allistaire Callender, Woodward Clyde
Mr. Hubert Kang, CRWQCB

C6374?

January 26, 1995

Note to file # 000590 - 000593

Per Correspondence dated 5-19-92, entitled "Workplan to Conduct Remedial Investigation at 14005 E. Live Oak Ave". Site address 14041 E. Live Oak was subdivided, parcel purchased by Hughes Markets was 14005 E. Live Oak.

C# 121052

For new site history: new USTs installed in 1992 @ Hughes address, see file # 015425-016787

Nandy Drew

590 - 593

RECEIVED

NOV 0 7 2000

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

SIIR - IEC

C 305978

URS
Dames & Moore

2020 East First St, Ste 400
Santa Ana, California 92705
(714) 835-6886

TRANSMITTAL SHEET

To: Thomas Andrews
Vice President
In-Situ Technologies, Inc.
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Date: November 2, 2000
D&M Proj #: 25437-160-5003-149
Project: **Former Hughes Market Facility**
14041 Live Oak Avenue
Irwindale, CA
LACDPW Closure Permit #7963B

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Copies to: Mr. Tab Harrison, Ralphs Grocery Company
Mr. Jim Buckingham, TA Realty Associates
Mr. Jeff Darling, URS Corporation

Signed:

DAMES & MOORE

Taras B. Kruk, R.G., C.HG.
Senior Geologist

OOC 590 - 000593 (35)

SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
LACDPW CLOSURE PERMIT #7963B

14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA

Prepared For
FOR TA REALTY ASSOCIATES

URS/D&M JOB NO. 25437-160-149

November 1, 2000

URS
2020 East First St., Suite 400
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SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA
URS/D&M JOB NO. 25437-160-149
FOR TA REALTY ASSOCIATES

1.0 INTRODUCTION

URS Corporation (URS) has prepared this report on behalf of TA Realty Associates and Ralphs Grocery Company that describes the results of a subsurface investigation at the former Hughes Market facility located at 14041 Live Oak Avenue. The planned activities associated with this investigation were outlined in a work plan dated August 10, 2000 (Appendix A). The activities were based on the results of a Phase I Environmental Site Assessment being conducted for the site as part of a "due diligence" evaluation prior to property sale and title transfer. The property owner contact during this phase of investigation was identified as Mr. Tab Harrison of the Ralphs Grocery Company. Mr. Harrison may be contacted by telephone at (310) 884-4083.

2.0 SITE DESCRIPTION

The former Hughes Market facility is located at 14005 East Live Oak Avenue in Irwindale, California. A vicinity map is presented as Figure 1. The site was formerly part of a larger 74-acre parcel (14041 East live Oak Avenue) that was owned and occupied by United Concrete Pipe (UCP). Ralphs Markets acquired Hughes Markets and the property is now considered excess and is in the process of being sold.

The property is located east of the San Gabriel River Channel and south of the Santa Fe Dam. The subject property is bordered to the north-northwest by Rivergrade Road, to the northeast by Arrow Highway, a vacant lot to the east, and south by Live Oak Avenue (Figure 2). The property is developed with a 2-story vacant office building, asphalt parking lots, concrete sidewalks, and landscaped with grass, shrubs and trees.

3.0 GEOLOGY AND HYDROGEOLOGY

The site is situated in the northern-central portion of the San Gabriel Valley Groundwater Basin, overlying fresh water-bearing deposits of that basin. The basin is an elongated, alluvium-filled valley extending from the central part of Los Angeles County almost to its eastern boundary. The valley is approximately 14 miles wide, and is bordered to the north by the San Gabriel Mountains and to the south by the Repetto, Puente, and the San Jose Hills. A topographic divide marks the eastern boundary of the basin, and the Raymond fault serves as the northwestern boundary. The surface area of the valley floor is approximately 100,000 acres.

Average annual precipitation in the site vicinity is approximately 14 inches, although rainfall to the north in the San Gabriel Mountains exceeds 35 inches annually. Because these mountains are composed primarily of non-water-bearing rock, local precipitation from the mountains runs off through the San Gabriel Canyon, providing sources of recharge to the water-bearing deposits underlying the valley floor in the vicinity of the site. The region's groundwater gradient from the mouth of the San Gabriel River is to the south and west.

The principal drainage in the area is the San Gabriel River, located west of the site. The riverbanks are lined with concrete. The river bottom consists of native alluvial sand and gravel deposits.

The surface deposits at the site are recent alluvium deposited in the San Gabriel River flood plain. These deposits overlie older alluvium. The central portion of the San Gabriel Valley Groundwater Basin has water-bearing deposits averaging about 1,000 feet in thickness. The alluvium that comprises the water-bearing materials in the site vicinity consists of randomly sorted, sub-rounded to well-rounded, coarse-grained deposits derived from the San Gabriel Mountains to the north. The deposits range in size from silt to 4-foot diameter boulders. The alluvium generally consists of course sands and gravel, with occasional lenses of finer-grained material deposited during low-flow cycles.

The coarseness of the sands and gravel in the alluvial deposits makes these deposits very efficient aquifers. Horizontal permeability of the deposits range from about 100 to 500 gallons per day per square foot. Vertical permeability is generally an order of magnitude lower than the horizontal values.

Ground water levels in the vicinity of the site fluctuate greatly depending on the frequency and quantity of the precipitation. The existence of a perched water-bearing zone above the primary ground water basin at the site is unlikely, due to the coarse-grained nature of the soil.

4.0 BACKGROUND

In 1991, URS (formerly known as Woodward-Clyde) was retained by Mission-Koll to decommission two 10,000-gallon steel underground storage tanks (USTs) at the former United Concrete Pipe (UCP) facility in Irwindale, California. The USTs consisted of a steel unleaded gasoline tank and a double-walled fiberglass diesel fuel tank. The tanks were removed in April 1991 under Closure Permit No. 7963B issued by the Los Angeles County Department of Public Works (LACDPW). A closure report was submitted to the LACDPW on December 20, 1991. A copy of the closure report (Woodward-Clyde Consultants, Tank Closure Report, December 20, 1991) can be found in Appendix B. LACDPW responded to the closure report with a letter dated March 1995 requesting additional sampling. There is no indication that the former owner has ever responded to this letter, or that a follow-up investigation was ever competed.

URS personnel documented the removal of the tanks and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. Soil samples were taken beneath the tanks at an approximate depth of 15 feet below ground surface (bgs) as specified by the removal permit. Soil samples collected beneath the gasoline tank were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015 Modified and the samples collected beneath the diesel tank were analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH) by EPA Method 418.1.

The analytical results revealed non-detect concentrations of TPHg in samples collected beneath the unleaded gasoline tank. One sample collected beneath the north end of the diesel tank contained 186 milligrams per kilogram (mg/kg) of TRPH. Additional samples were then collected beneath the diesel tank to assess the magnitude and extent of the TRPH. On May 3, 1991, samples were collected at the same location the TRPH was detected but at greater depths (20 and 25 feet) below grade. The samples taken were non-detect for TRPH but showed low levels of toluene, xylenes, and ethylbenzene.

On May 4, 1991, four additional samples were collected near the area where the original TRPH was detected. All samples were non-detect except for one sample that contained 2 micrograms per kilogram (ug/kg) of toluene. Soil removed from beneath the tank was stockpiled and later moved to another location on site in case further treatment was deemed necessary. The stockpiled soil was reported to show no sign of discoloration.

Hughes Markets acquired a portion of the property from Mission Koll and subsequently developed the property as a business office facility. A two-story office building was constructed over the

location of the former USTs. Currently the office building is unoccupied pending sale of the property.

In July 2000, URS personnel met with Mr. Iheanacho Ofo of LACDPW to discuss specific steps necessary to close the former USTs. In accordance with LACDPW guidelines, Mr. Ofo stated that further soil investigation including sampling for methyl-tertiary-butyl ether (MTBE) must be conducted before closure would be granted. On the basis of LACDPW guidelines, Mr. Ofo stated that five borings around the former UST cluster should be drilled to depths of 40 feet bgs (25 feet below the base of the UST invert) to assess the condition of the subsurface soil. Mr. Ofo stated that if no impacts from petroleum hydrocarbons were detected in the soil beneath the former tanks, then LACDPW would consider granting UST closure.

5.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this investigation was to further investigate subsurface soil conditions to evaluate whether product from the former USTs had impacted deeper soil horizons beneath the site. It should be noted that this phase of work was performed as part of a "due diligence" investigation for a property sale and title transfer and, as such, proceeded without regulatory overview of the August 10, 2000 work plan. The scope of work, however, was intended to fulfill guidelines presented by the LACDPW for a UST Site Assessment Plan with the objective of LACDPW providing regulatory oversight for UST closure. The tasks completed during this investigation are summarized below.

5.1 PREPARATION FOR FIELD INVESTIGATION ACTIVITIES

Prior to conducting the subsurface investigation, URS performed the following activities:

- Prepared a site-specific health and safety plan (HASP) for this phase of work.
- Notified Underground Service Alert of the proposed investigation.
- Selected Oltmans Construction, Spectrum Geophysics, Skaggs Concrete Coring, Pacific Drilling, and Calscience Analytical laboratories as subcontractors for the investigation.

5.2 FIELD-INVESTIGATION ACTIVITIES

The subsurface field investigation included the following activities:

- Conducted an on-site geophysical survey to verify utility clearances before advancing the soil borings.

- Supervised removal and re-construction of interior room walls by licensed contractor in order to provide access for drilling operations.

- Supervised concrete coring and cutting to allow drill stem access through the building foundation in the locations of the five borings.

- Advanced five hollow-stem auger borings to depths of 23 feet bgs, 40.5 feet bgs, 11 feet bgs, 36 feet bgs, and 14 feet bgs.

- Collected soil samples at 4-foot intervals, when possible, from the borings for soil classification, total organic vapor headspace measurements, and chemical analysis.

- Analyzed the soil samples for total petroleum hydrocarbons (TPH - full carbon chain); benzene, toluene, ethylbenzene, and xylenes (BTEX); methyl tertiary butyl ether (MTBE); and lead.

5.3 REPORT PREPARATION

Following the field activities, URS has prepared this summary report with the investigation results and recommendations in accordance with LACDPW guidelines.

6.0 METHODS OF INVESTIGATION

6.1 HEALTH AND SAFETY PLAN

A site-specific HASP was prepared by URS prior to conducting field activities at the site. The HASP described specific health and safety requirements and guidelines for the proposed activities. In addition, URS employees and subcontractor employees assigned to the project attended a tailgate safety meeting given by the Site Safety Officer each day that field activities were performed. A copy of the Health and Safety Plan is included in Appendix C.

6.2 UTILITY CLEARANCE

Underground Service Alert was notified at least 48 hours in advance of the proposed drilling activities. In addition, a geophysical survey was conducted by Spectrum Geophysics prior to performing subsurface work in order to identify the presence of potential utilities or underground structures. Four geophysical methods were used: magnetic; electromagnetic; ground penetrating radar (GPR); and electromagnetic line location. Magnetics and electromagnetics were used to identify underground tanks, drums and conduits. These features are detected due the ferrous and electrically conductive material of their construction. GPR was used as a follow up technology to characterize identified magnetic or electromagnetic anomalies.

An area within an approximate 10-foot radius around each boring location was surveyed. Once a proposed boring location was surveyed and cleared of utilities, the location was re-marked to denote clearance for drilling.

6.3 CONSTRUCTION ACTIVITY

Prior to initiating drilling activities Oltmans Construction, a general contractor, removed part of an exterior wall on the eastern portion of the office building and part of an interior wall in the northern portion of the office building to provide access for the drilling equipment. URS directed the contractor to remove the wall sections. Following completion of drilling activities, the walls and utilities removed were restored to original specifications.

6.4 SOIL BORING ADVANCEMENT

At each boring location, a concrete cutter equipped with a diamond-tipped hole-saw was used to cut two12-inch diameter holes through the concrete surface to expose subsurface soils. Two holes were cut at each boring location to allow for a secondary boring location in case of auger refusal in the primary location. After partially advancing soil boring SB-1, the driller and on-site geologist found it necessary to enlarge the 12-inch diameter holes to allow evacuation of the soil cuttings from the borehole and to allow the drill stem to maneuver around subsurface cobbles/boulders. Therefore, Skaggs Concrete Cutting returned to the site and cut 2' x 4'rectangular shaped holes encompassing the two 12-inch diameter holes.

Five borings, SB-1 through SB-5, were advanced to depths of 23 feet bgs, 40.5 feet bgs, 11 feet bgs, 36 feet bgs, and 14 feet bgs, respectively. Each of the soil borings were advanced until refusal was

met. Refusal of the drill stem was a result of cobble-sized hard rock that could not be penetrated by the drilling equipment. The borings were located in the area of the former dispenser island and USTs as shown on Figure 3. Drilling of the borings was performed using a hollow-stem auger, limited space-drilling rig with 6-inch outside diameter continuous-flight augers. Prior to drilling, boring locations were hand-augured to approximately 5-feet bgs to verify that there were no underground utilities.

Soil samples were collected at 4-foot intervals beginning at 4-feet bgs and continuing every four feet until auger refusal was met. The soil samples were collected using a modified California split-spoon sampler, fitted with three brass liners. The sampler was driven 18 inches (or to refusal) into undisturbed ground, by repeatedly dropping a 140-pound hammer from 30 inches above the sampler. The number of blows required to drive the sampler each 6-inches was recorded on the boring logs shown on Appendix D. Refusal is defined as requiring 50 hammer blows to advance the sampler 6 inches or less. In many instances sampler refusal was met and a sample could not be retrieved. In this case the drill stem was advanced to the next 4-foot interval and sampling continued.

Soil samples were used for measurement of headspace volatile organic compound (VOC) concentrations, describing the soil in accordance with the Unified Soil Classification System (USCS), and for chemical analysis (if selected).

Soil from the middle and top brass liners (if enough soil was available from the sampling process) was placed in a re-sealable plastic bag for approximately 15 minutes to allow VOCs in the soil to volatilize. The soil vapor was then measured by inserting a photoionization detector (PID) probe into the plastic bag. Background VOCs were measured prior to each measurement. The PID results were recorded on the boring logs as shown on Appendix D. The soil samples were visually examined, described and classified in general accordance with the USCS. Soil descriptions were recorded on the boring logs with other pertinent drilling notes.

The bottom brass liner from each sample interval was sealed and capped, labeled, and stored in a chilled cooler for delivery to the laboratory. The drilling and sampling activities were performed under the direction of Mr. Taras B. Kruk, a Registered Geologist (No 5681) and Certified Hydrogeologist (No. 469) experienced in environmental drilling and sampling. Boring logs were prepared in accordance with the URS standard format for environmental drilling. The boring logs

are included in Appendix D and contain geologic descriptions (USCS) of soil strata, sample identification numbers, blow counts, and PID readings for headspace analyses.

During drilling activities, soil cuttings were shoveled into 55-gallon drums. The drums were labeled, identifying the site name, boring number, date, and properly sealed. The soil cuttings will be disposed of in an appropriate manner.

6.5 SOIL ANALYSIS

Soil samples collected from the borings were submitted to Calscience Environmental Laboratories, Inc. (Calscience) in Garden Grove, California for analyses. Soil samples collected as feasibly close to 8, 16, 24, 32 and 40 feet were analyzed for TPH by EPA Method 8015-Modified for carbon chain to C44 and BTEX/MTBE by EPA Method 8020. Soil samples collected as feasibly close to 32 and 40 feet were additionally analyzed for lead by EPA Method 6010B. Samples not selected for analysis were held by the laboratory in the event that additional analysis was needed to confirm a "clean" zone beneath the former USTs. All samples sent to the laboratory were sealed, labeled, stored in a chilled cooler and submitted in accordance with EPA chain-of-custody field procedures. Soil samples were analyzed by Calscience on a 24-hour turn around time. It should be noted that the samples collected were not analyzed for TRPH by EPA Method 418.1 since the former USTs did not contain motor oil.

6.6 DECONTAMINATION PROCEDURES

The drill rig and augers were decontaminated by steam cleaning at the drilling company's maintenance facility prior to arriving at the site. The drilling company provided enough clean equipment for each day of drilling and sampling. They also provided a mobile steam cleaner for field decontamination of augers, and other large equipment used for drilling and/or sampling. Only properly decontaminated equipment approved by URS onsite personnel was used for drilling and sampling.

The field decontamination process for smaller (non-disposable) soil sampling equipment (i.e., split spoon sampler) consisted of wiping the equipment of excess soil, washing in a solution of non-phosphate detergent (Liquinox), and rinsing twice with de-ionized water. The equipment was cleaned prior to use, between each sample collection, and prior to leaving the site. All decontamination liquid and soil cuttings generated from drilling operations were stored in a

55-gallon Department of Transportation (DOT) approved drums, labeled, and properly sealed. URS staged the drums in the former trash dumpster area for disposal.

6.7 QUALITY ASSURANCE SAMPLES

Laboratory QA/QC samples were analyzed to identify the precision and accuracy of the laboratory measurements. Laboratory QA/QC samples consist of method blanks and matrix spike/matrix spike duplicates (MS/MSD) that are run daily as part of the laboratory's QA/QC plan. The purpose of the method blank samples is to evaluate the potential for introduction (during laboratory sample handling) of an analyte into a sample extract that is not present at detectable levels in the sample matrix. The purpose of the MS/MSD samples is to evaluate the effects of the sample matrix on the measurement methodology.

6.8 SAMPLE DOCUMENTATION AND TRACKING

Documentation of observations and data acquired in the field provide information on the acquisition of samples and also provide a permanent record of field activities. The observations and data were recorded with indelible ink on field sampling data sheets.

The information on the field sampling data sheets included the following information:

- Project name;
- Location of sample;
- Sampler's signature;
- Date and time of sample collection;
- Sample identification numbers and sample depth (if applicable);
- Description of samples (matrix sampled);
- Analysis to be performed;
- Number and volume of samples;
- Sample methods;
- Sample handling;
- Field observations; and
- Personnel and equipment present.

Changes or deletions on the field sampling data sheets were lined out with a single strike mark, initialed and dated by the person making the change, and remained legible. Sufficient information

was recorded to allow the sampling event to be reconstructed without relying on the collector's memory.

7.0 INVESTIGATIVE RESULTS

Five soil borings were advanced inside the former Hughes Market facility located at 14041 Live Oak Avenue, Irwindale, California during the time from August 14 through August 17, 2000. Boring SB-1 was drilled adjacent and south of the former underground storage tank (UST) and dispenser island location. Boring SB-2 was drilled through the approximate center of the former UST cluster location. Boring SB-3 and SB-4 were advanced adjacent and southwest, and adjacent and west, of the former UST and dispenser island location, respectively. Boring SB-5 was advanced north of the former UST and dispenser island location. The boring locations are shown on Figure 3.

The presence of cobbles resulted in difficult drilling conditions and, as such, four of the five boreholes met refusal before reaching the targeted depth of 40 feet bgs. However, URS used the best available technology (BAT) in attempting the 40-foot target depth within the former UST and dispenser island area, which we believe fulfill the regulatory requirements.

Boring SB-1 was advanced to a total depth of 23 feet bgs on the third attempt. Refusal was encountered twice at 6 feet bgs and finally at 23 feet bgs in the third location. Boring SB-1 encountered dark brown, fine sand, with coarse gravel at four feet bgs. Numerous cobble-sized rocks created refusal conditions for the split-spoon sampler at the 8-, 12-, and 16-foot depths. Brown/ greenish-gray, coarse, gravelly sand was encountered at 20 feet bgs, and drill rig refusal was met at 23 feet bgs due most probably to a boulder-sized rock. Headspace readings of the soil samples collected ranged from 9.8 to 15.2 ppm.

Boring SB-2 was advanced to a total depth of 40.5 feet bgs on the first attempt. Refusal was encountered at 40.5 feet bgs; however, the target depth set forth in the Soil Boring Investigation Workplan of 40 feet bgs was attained. Boring SB-2 encountered dark brown, gravelly, fine to coarse sand at 4 feet bgs. A cobble-sized rock created refusal conditions for the split-spoon sampler at the 8, 16-, and 20-foot depths. Light gray, gravelly, medium to coarse sand, with cobble sized fragments were encountered at 12 feet bgs. Brown, fine to coarse sand, with coarse gravel was observed in the 24-foot sample. Brown, fine to medium, sandy, gravel was encountered at 28 feet bgs while refusal of the sampler occurred at 32 feet. Olive gray/brown, gravelly, medium to coarse, sand with chips from cobble-sized rock was observed in the 36-foot sample. Sampler refusal was encountered at the 40-foot depth and eventually drill rig refusal at 40.5 feet bgs due to a cobble or boulder. Headspace readings of the soil samples collected from this borehole ranged from 1.8 to 3.4 ppm.

Boring SB-3 was advanced to a total depth of 11 feet bgs on the second attempt. Refusal was encountered once at 5 feet bgs and finally at 11 feet bgs in the second location. Boring SB-3 encountered sampler refusal at 4 feet bgs due to a granitic cobble fragment in the shoe of the sample barrel. Brown/greenish gray, fine to coarse, gravelly, sand was encountered at 8 feet bgs. Drill rig refusal occurred at 11 feet bgs in SB-3 due most probably to a cobble sized rock. The headspace reading of the soil sample collected from this borehole was 1.6 ppm.

Boring SB-4 was advanced to a total depth of 36 feet bgs on the first attempt. Boring SB-4 encountered dark brown, medium to coarse, sand, with fine gravel at 4 feet bgs, gray/greenish gray, gravel-sized, granitic, rock chips, with medium to coarse sand at 8 feet bgs, and brown, fine to coarse, sand, with fine gravel at 12 feet bgs. A cobble-sized rock created refusal conditions for the split spoon sampler at the 16-foot depth. Light brown/brown, fine to coarse sand with fine gravel was encountered at 20 and 24 feet bgs. Sampler refusal occurred at the 28- and 36-foot depths. Brown, medium to coarse sand with fine gravel was observed in the 32-foot sample. Drill rig refusal occurred at 36 feet bgs due most probably to a cobble-sized rock. Headspace readings of the soil samples collected from this borehole ranged from 1.5 to 14.3 ppm.

Boring SB-5 was advanced to a total depth of 14 feet bgs on the second attempt. Refusal was encountered once at 12 feet bgs and finally at 14 feet bgs in the second location. Boring SB-4 encountered dark brown, fine to coarse, sand, with fine gravel at 4 feet and 8 feet bgs. Sampler refusal was encountered at 12 feet bgs due to a cobble. Drill rig refusal occurred at 14 feet bgs in SB-5 due most probably to a cobble sized rock. Headspace readings of the soil samples collected from this borehole ranged from 10.3 to 22.4 ppm.

URS submitted the 20-foot sample from boring SB-1, the 24-foot and 36-foot samples from boring SB-2, the 8-foot sample from boring SB-3, the 8-, 24-, and 32-foot samples from SB-4, and the 8-foot sample from boring SB-5 to Calscience Environmental Laboratories, Inc. for analyses. In accordance with LACDPW guidelines, soil samples were analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Method 8015-modified for carbon chain matches through C44; the volatile fuel hydrocarbon constituents BTEX by EPA 8020; and the fuel additive MTBE by EPA Method 8020. Soil samples collected as feasibly close to 32 and 40 feet were additionally analyzed for lead by EPA Method 6010B. The soil samples were analyzed on a 24-hour turnaround basis. Samples that were not selected for analysis were held by the laboratory in the event additional analyses were needed to confirm a "clean" zone beneath the former USTs. Laboratory reports and chain-of-custody records are presented in Appendix E.

PID measurements ranged from 1.5 to 22.4 parts per million by volume (ppmv). The results of TPH, BTEX, and MTBE analyses were all below method detection limits and total lead concentrations ranged from 1.35 mg/kg in SB-4 to 5.42 mg/kg in SB-1. Results of the findings are summarized in Table 1.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Results of the field monitoring indicated the presence of some residual hydrocarbons in vapor-phase as measured by the PID. Results of the laboratory analyses, however, showed no indication of petroleum hydrocarbons remaining in the soil. The analytical results for lead indicated that concentrations are indicative of background lead levels in soil for the State of California (9.0 ppm to 31.0 ppm) according to the Kearney Foundation's "Special Soil Report," dated March, 1996. Based on these results, it is our opinion that no further action is required for this UST site and that formal case closure should be issued.

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Should you have any questions or comments, please do not hesitate to contact us.

Respectfully Submitted,
URS Corporation

for Mike Makerov
Staff Geologist

Taras B. Kruk, R.G., C.HG.
Senior Geologist

TABLES

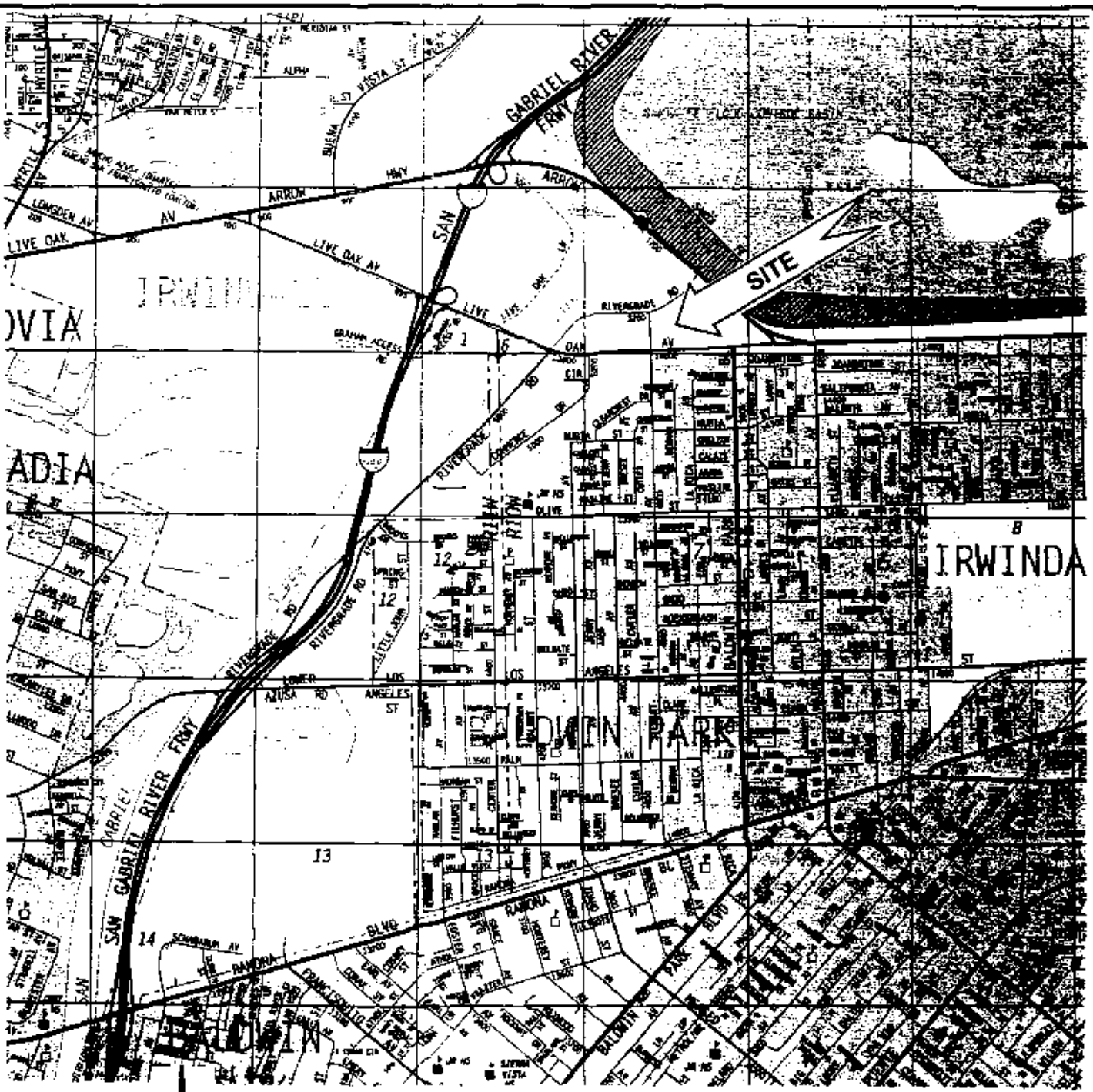
TABLE 1
SUMMARY OF ANALYTICAL RESULTS
Former Hughes Market Facility
Irwindale, California

Boring Number	Depth (ft bgs)	Depth (ft bgs)	OVM (ppmv)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
SB-1	23	20	15.2	ND	ND	ND	ND	ND	ND	5.42
SB-2	40	24	2.8	ND	ND	ND	ND	ND	ND	--
		36	2.1	ND	ND	ND	ND	ND	ND	3.1
SB-3	11	8	1.6	ND	ND	ND	ND	ND	ND	--
SB-4	36	8	1.5	ND	ND	ND	ND	ND	ND	--
		24	1.5	ND	ND	ND	ND	ND	ND	--
		32	14.3	ND	ND	ND	ND	ND	ND	1.35
SB-5	14	8	22.4	ND	ND	ND	ND	ND	ND	--

Notes/Explanation:

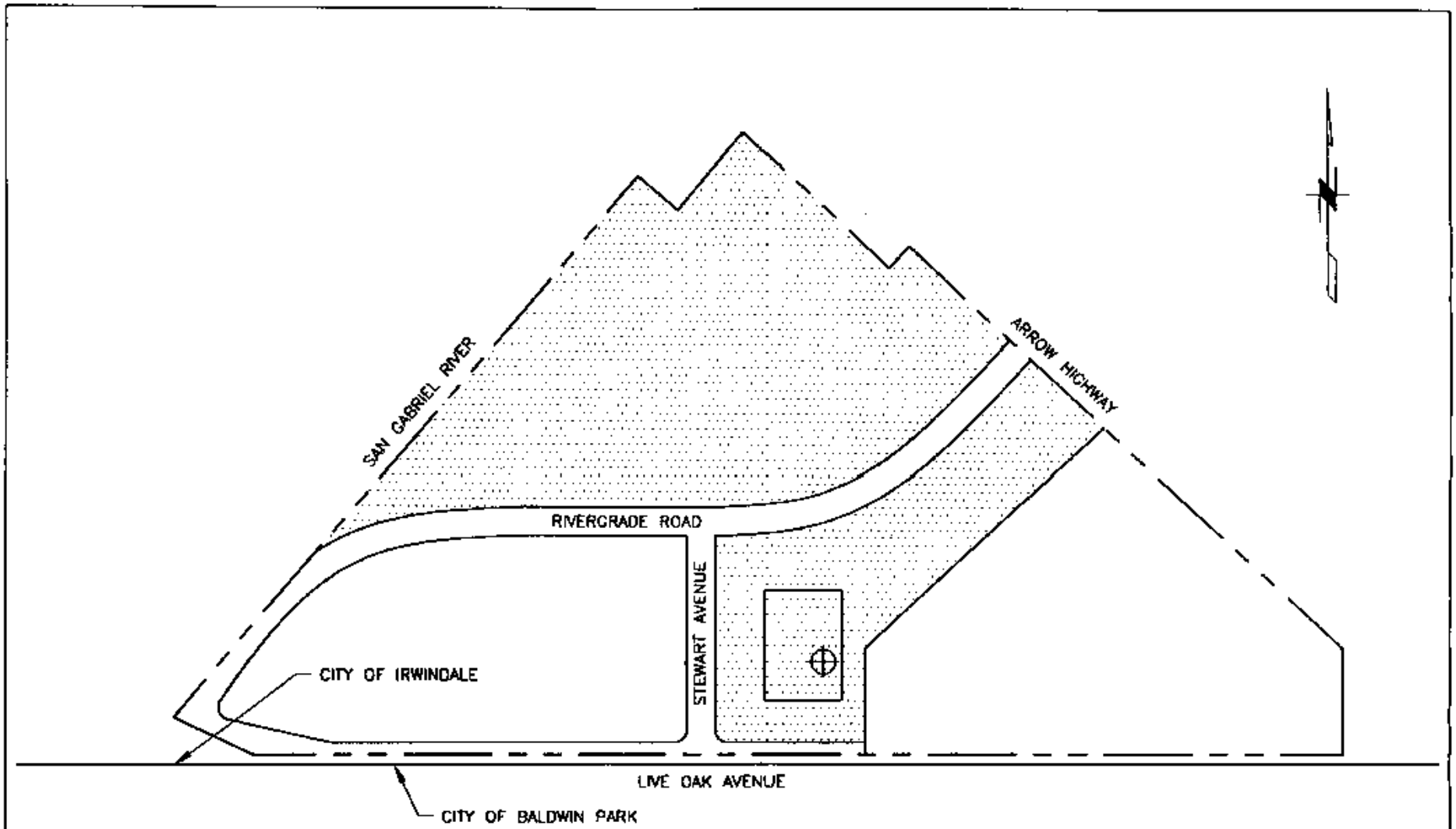
1. ft bgs = feet below ground surface
2. ppmv = parts per million by volume
3. mg/kg = milligrams per kilogram
4. TPH = Total Petroleum Hydrocarbons
5. MTBE = Methyl Tertiary Butyl Ether
6. OVM = Organic Vapor Monitor

FIGURES



SITE LOCATION MAP

Project No: 25437-161-149	Date: JULY 2000	Project: HUGHES MARKETS	Figure: 1



LEGEND

PARCELS OWNED BY HUGHES MARKETS

APPROXIMATE LOCATION OF FORMER USTs AND DISPENSER ISLAND AREA

0 200' 400' 800'

SCALE: 1"=400'

URS Corporation

FORMER HUGHES MARKETS FACILITY SITE LAYOUT MAP

Proj. No.: 25437-161-149 | Date: JULY, 2000

Project: HUGHES MARKETS | CAD ID.:

Figure: FIG. 2

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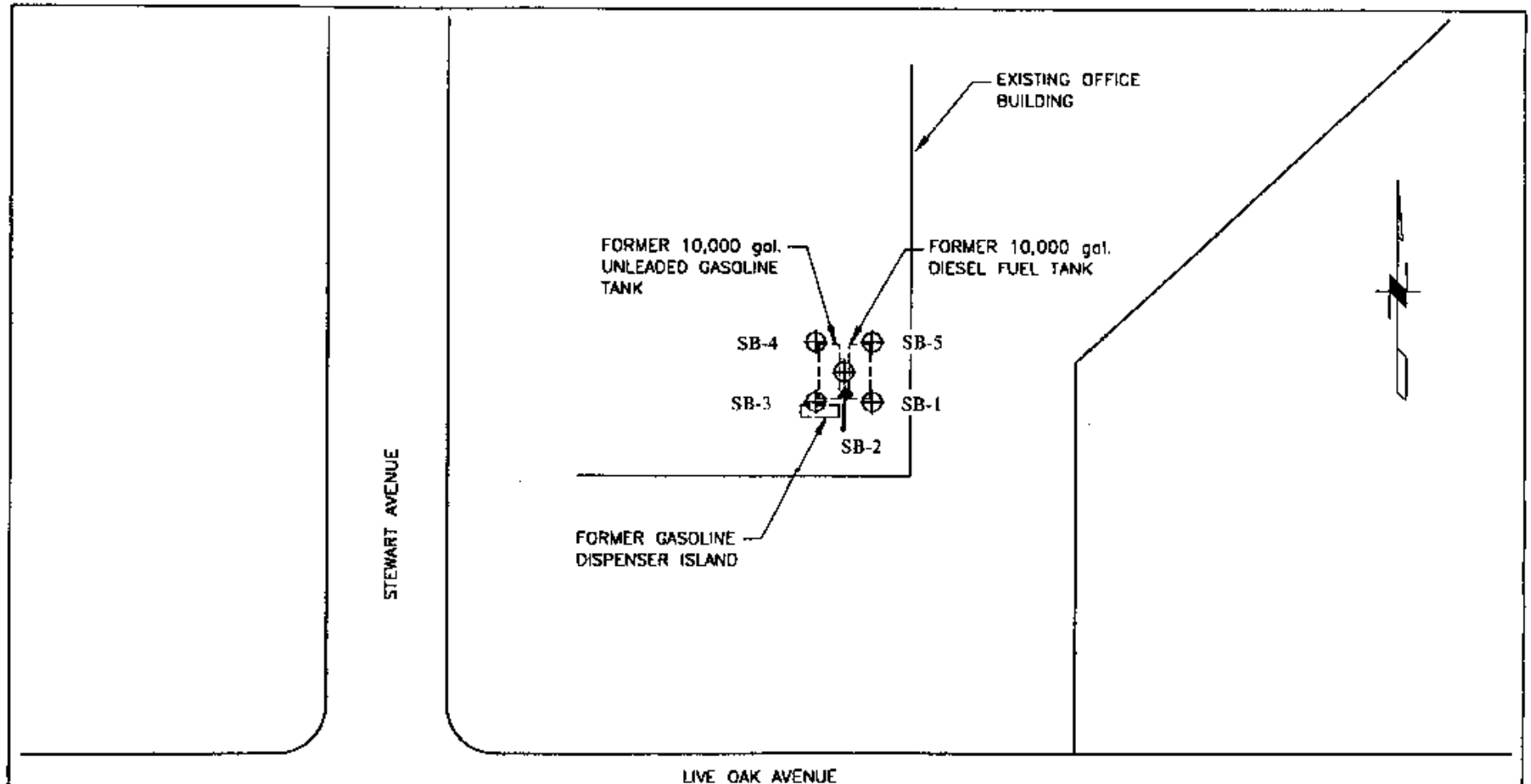

LEGEND

⊕ APPROXIMATE LOCATION OF PROPOSED BORINGS

0 50' 100' 200'

SCALE: 1"=100'

URS Corporation

FORMER HUGHES MARKETS FACILITY
BORING LOCATION MAP

Proj. No.: 25437-161-149	Date: JULY, 2000
Project: HUGHES MARKETS	CAD ID.:
	Figure: FIG. 3

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APPENDIX A

SOIL BORING INVESTIGATION WORK PLAN FOR THE FORMER HUGHES MARKET FACILITY

WORK PLAN

SOIL BORING INVESTIGATION WORK PLAN FOR THE FORMER HUGHES MARKET FACILITY

14041 LIVE OAK AVENUE IRWINDALE, CALIFORNIA

Prepared for
TA Realty Associates

URS/D&M Project No. 25437-160-149

8/10/00

URS

2020 East First St., Suite 400
Santa Ana, CA 92705
(714) 835-6886 Fax: (714) 667-7147

August 10, 2000

Mr. Iheanacho Ofo
County of Los Angeles
Department of Public Works
Environmental Programs Division
900 South Fremont Avenue, Annex 3rd Floor
Alhambra, CA 91803-1331

Re: Work Plan and Check Submittal for
Voluntary Cleanup Oversight
UST Closure Investigation
Irwindale Office Building
14005 Live Oak Avenue
Irwindale, California
URS/D&M Job No. 25437-160-149

Dear Mr. Ofo:

Please find attached, a Work Plan for a Soil Boring Investigation, and a check amounting to $535 ($401 "initial fee" and $135 one hour "maximum billed oversight fee") for entering into the Voluntary Cleanup Oversight program. These submittals are being made pursuant to our August 2, 2000 meeting at your office.

As you are aware, URS Corporation (formerly as Dames & Moore) is performing a Phase I Environmental Site Assessment for TA Realty Associates as part of a "due diligence" evaluation prior to property sale and title transfer. The current property owner contact is as follows:

Mr. Tab Harrison
Director of Environmental Affairs
Ralphs Grocery Company
P.O. Box 54143
Los Angeles, CA 90054
Phone: (310) 884-4083
FAX: (310) 884-2508

The objective of the upcoming soil boring investigation described in the attached work plan is to further investigate subsurface soil conditions and evaluate whether product from former underground storage tanks (USTs) had impacted deeper soil horizons beneath the site. It should be noted that, per our earlier discussions, this phase of work is being performed as part of a "due diligence" investigation for the property sale and title transfer and, as such, is proceeding without regulatory overview of the attached work plan. The scope of work, however, is intended to

fulfill guidelines presented by the Los Angeles County Department of Public Works (LACDPW) for a UST Site Assessment Plan with the objective of LACDPW providing regulatory oversight for UST closure. It should also be noted that the scope of work includes recent revisions that incorporate your suggestions made during our August 2, 2000 meeting.

We look forward to working with you on this project. Please feel free to contact me at (714) 433-7694 if you have any questions or comments.

Respectfully Submitted,

URS Corporation

Taras B. Kruk, R.G., C.HG.
Senior Geologist

w/Attach.

cc: Mr. Jim Buckingham, TA Realty Associates
Mr. Tab Harrison, Ralphs Grocery Company
Mr. Jeff Darling, URS Corporation/KS

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A TASK CLOSURE REPORT (Dated December 20, 1991)

URS Corporation (URS) has been retained on behalf of TA Realty Associates and Ralphs Grocery Company to conduct a subsurface investigation at the former Hughes Market facility located at 14041 Live Oak Avenue. The proposed activities associated with this investigation are outlined below in this work plan. The activities are based on the results of an ongoing Phase I Environmental Site Assessment being conducted for the site as part of a "due diligence" evaluation prior to property sale and title transfer. The current property owner contact is identified as Mr. Tab Harrison of Ralphs Groceries. Mr. Harrison may be contacted by telephone at (310) 884-4083.

1.1 BACKGROUND

In 1991, URS was retained by Mission-Koll to decommission two 10,000-gallon steel underground storage tanks (USTs) at the former United Concrete Pipe (UCP) facility in Irwindale, California. The USTs consisted of a steel unleaded gasoline tank and a double-walled fiberglass diesel fuel tank. The tanks were removed in April 1991 under Closure Permit No. 7963B issued by the Los Angeles County Department of Public Works (LACDPW). A closure report was submitted to the LACDPW on December 20, 1991. A copy of the closure report (Woodward-Clyde Consultants, Tank Closure Report, December 20, 1991) can be found in Appendix A. LACDPW responded to the closure report with a letter dated March 1995 requesting additional sampling. There is no indication that the former owner has ever responded to this letter, or that a follow-up investigation was ever competed.

Hughes Markets acquired a portion of the property from Mission Koll and subsequently developed the property as a business office facility. A two-story office building was constructed over the location of the former USTs. Currently the office building is unoccupied pending sale of the property.

In July 2000, URS personnel met with Mr. Iheanacho Ofo of LACDPW to discuss the specific steps necessary to close the former USTs. In accordance with LACDPW guidelines, Mr. Ofo stated that further soil investigation including sampling for methyl-tertiary-butyl ether (MTBE) must be conducted before closure would be granted. The guidelines require five borings around the former UST cluster to depths of 40 feet below ground surface (bgs) (25 feet below the base of the UST invert) to assess the condition of the subsurface soil. Mr. Ofo stated that if no impacts from petroleum hydrocarbons were detected in the soil beneath the former tanks then LACDPW would consider granting UST closure.

1.2 OBJECTIVES

The objective of the investigation described in this work plan is to further investigate subsurface soil conditions to evaluate whether product from former USTs had impacted deeper soil horizons beneath the site. It should be noted that this phase of work is being performed as part of a "due diligence" investigation for a property sale and title transfer and, as such, is proceeding without regulatory overview of this work plan. The scope of work, however, is intended to fulfill guidelines presented by the LACDPW for a UST Site Assessment Plan with the objective of LACDPW to provide regulatory oversight for UST closure.

1.3 APPROACH

URS has proposed the following approach to meet the objective of the investigation:

- Perform tasks necessary to initiate field investigation
- Advance five soil borings to 40 bgs in the location of the former gasoline dispenser island and USTs to collect additional soil samples for analytical testing.
- Submit collected soil for appropriate analytical tests.
- Prepare a report describing the field activities and results of laboratory analyses.

1.4 SCOPE OF WORK

The scope of work necessary to meet the objective and approach of the investigation are outlined below, and described in detail in Sections 3 and 4.

1.4.1 Task 1: Preparation for Field Investigation Activities

Prior to conducting the subsurface investigation, URS will perform the following activities:

- Prepare/update the site-specific health and safety plan (HASP) for this phase of work.
- Notify Underground Service Alert of proposed investigation.
- Select construction, geophysics, concrete coring, drilling and analytical laboratory subcontractors.

1.4.2 Task 2: Field-Investigation Activities

The subsurface field investigation will include the following activities:

- Conduct site geophysical survey to verify utility clearances before beginning intrusive investigations.
- Supervise removal and re-construction of interior room walls by licensed contractor in order to provide access for drilling operations.
- Complete five hollow-stem auger borings to be advanced to 40 feet bgs.
- Collect soil samples at 5-foot intervals from the vadose zone during drilling of borings for soil classification, total organic vapor headspace measurements, and chemical analysis.
- Analyze the soil samples for total petroleum hydrocarbons (TPH - full carbon chain); benzene, toluene, ethylbenzene, and xylenes (BTEX); MTBE; and lead.

1.4.3 Task 3: Report Preparation

Following the field activities, URS will prepare a summary report with the investigation results and recommendations. In accordance with LACDPW guidelines, the report will include the following:

- Site information
- Facility maps
- Geology/Hydrogeology
- Boring logs
- Field sampling procedures
- Chain-of-custody records
- Laboratory results
- Waste management documentation
- Subsurface plume illustrations
- Conclusions and recommendations
- References

2.1 SITE DESCRIPTION

The former Hughes Market facility is located at 14005 East Live Oaks Avenue in Irwindale, California (Figure 1). The site was formerly part of a larger 74-acre parcel (14041 East live Oak Avenue) that was owned and occupied by United Concrete Pipe (UCP). Ralphs Markets acquired Hughes Markets and the property is now considered excess and is in the process of being sold.

The property is located east of the San Gabriel River Channel and south of the Santa Fe Dam. Rivergrade Road borders the subject property to the north-northwest, to the northeast by Arrow Highway, a vacant lot to the east and south by Live Oak Avenue (Figure 2). The property is developed with a 2-story vacant office building, asphalt parking lots, concrete sidewalks, and landscaped with grass, shrubs and trees.

2.1 GEOLOGY AND HYDROGEOLOGY

The site is situated in the north-central portion of the San Gabriel Valley Groundwater Basin, overlying fresh water-bearing deposits of that basin. The basin is an elongated, alluvium-filled valley extending from the central part of Los Angeles County almost to its eastern boundary. The valley is approximately 14 miles wide, and is bordered to the north by the San Gabriel Mountains and to the south by the Repetto, Puente, and the San Jose Hills. A topographic divide marks the eastern boundary of the basin, and the Raymond fault serves as the northwestern boundary. The surface area of the valley floor is approximately 100,000 acres.

Average annual precipitation in the site vicinity is approximately 14 inches, although rainfall to the north in the San Gabriel Mountains exceeds 35 inches annually. Because these mountains are composed primarily of non-water-bearing rock, local precipitation from the mountains runs off through the San Gabriel Canyon, providing sources of recharge to the water-bearing deposits underlying the valley floor in the vicinity of the site. The region's groundwater gradient from the mouth of the San Gabriel River is to the south and west.

The principal drainage in the area is the San Gabriel River, located west of the site. The riverbanks are lined with concrete. The river bottom consists of native alluvial sand and gravel deposits.

The surface deposits in the site are recent alluvium deposited in the San Gabriel River flood plain. These deposits overlie older alluvium. The central portion of the San Gabriel Valley Groundwater Basin has water-bearing deposits averaging about 1,000 feet in thickness. The

alluvium that comprises the water-bearing materials in the site vicinity consists of randomly sorted, subrounded to well-rounded, course-grained deposits derived from the San Gabriel Mountains to the north. The deposits range in size from silts to 4-foot diameter boulders. The alluvium generally consists of course sands and gravel, with occasional lenses of finer-grained material deposited during low-flow cycles.

The coarseness of the sands and gravel in the alluvial deposits makes these deposits very efficient aquifers. Horizontal permeability of the deposits range from about 100 to 500 gallons per day per square foot. Vertical permeability is generally an order of magnitude lower than the horizontal values.

Ground water levels in the vicinity of the site fluctuate greatly depending on the frequency and quantity of the precipitation. The existence of a perched water-bearing zone above the primary ground water basin at the site is unlikely, due to the coarse-grained nature of the soil.

2.2 SUMMARY OF PREVIOUS SITE INVESTIGATIONS

URS (formerly Woodward-Clyde) conducted a previous field investigation that consisted of the removal of two USTs at 14041 East Live Oaks Avenue in Irwindale, California. The field investigation was conducted on April 23, 1991. The two tanks consisted of a 10,000-gallon steel (unleaded) gasoline tank and a 10,000-gallon double-walled fiberglass diesel tank. A copy of the tank removal report can be found in Appendix A.

URS personnel documented the removal of the tanks and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. Soil samples were taken beneath the tanks at an approximate depth of 15 feet bgs as specified by the removal permit. Soil samples collected beneath the gasoline tank were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015 Modified and the samples collected beneath the diesel tank were analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH) by EPA Method 418.1.

The analytical results revealed non-detect concentrations of TPHg in samples collected beneath the unleaded gasoline tank. One sample collected beneath the north end of the diesel tank contained 186 milligrams per kilogram (mg/kg) of TRPH. Additional samples were then collected beneath the diesel tank to assess the magnitude and extent of the TRPH. On May 3, 1991, samples were collected at the same location the TRPH was detected but at greater depths (20 and 25 feet) below grade. The samples taken were non-detect for TRPH but showed low levels of toluene, xylenes, and ethylbenzenes.

On May 4, 1991, four additional samples were collected near the area were the original TRPH was detected. All samples were non-detect except for one sample that contained 2 micrograms per kilogram (ug/kg) of toluene. The soil removed beneath the tank for soil collection was stockpiled and later moved to another location on site in case further treatment was deemed necessary. The stockpiled soil was reported to show no sign of discoloration.

This section presents a discussion of pre-field activities to be conducted prior to beginning field investigation activities described in Section 4.0.

3.1 HEALTH AND SAFETY PLAN

A site-specific HASP will be prepared by URS prior to conducting field activities at the site. The HASP will describe specific health and safety requirements and guidelines for the proposed activities. In addition, URS employees and subcontractor employees assigned to the project will attend a tailgate safety meeting given by the Site Safety Officer each day that field activities are performed.

3.2 UNDERGROUND UTILITY SURVEY

Underground Service Alert will be notified at least 48 hours in advance of the proposed drilling activities. In addition, a geophysical survey will be conducted prior to performing subsurface work in order to identify the presence of potential utilities or underground structures. Four potential methods may be used: magnetic; electromagnetic; ground penetrating radar (GPR); or electromagnetic line location. Magnetics and electromagnetics are used to identify underground tanks, drums and conduits. These features are detected due the ferrous and electrically conductive material of their construction. GPR is used as a follow up technology to characterize identified magnetic or electromagnetic anomalies.

An area within an approximate 10-foot radius around the boring location will be surveyed. Once a proposed boring location is surveyed and cleared of utilities, the location will be remarked to denote clearance for drilling. If utilities are detected within the surveyed area, marking in paint on the ground will denote type of utility detected (e.g., electrical conduits) and the approximate location.

3.3 CONSTRUCTION ACTIVITY

Prior to initiating drilling activities a general contractor will remove appropriate building walls to provide access to for the drilling equipment to access the boring locations. URS will direct the contractor to the wall sections to be removed. Following completion of drilling activities the walls and utilities removed will be restored to original specifications.

This section presents a description of field activities to be performed during the site investigation.

4.1 SOIL BORING ADVANCEMENT

At each boring location, a concrete coring device equipped with a diamond-tipped circular concrete corer will be used to advance through the concrete surface.

Five borings (SB-1 through SB-5) will be advanced to a depth of 40 feet bgs or until refusal is met. The borings will be located in the area of the former dispenser island and USTs (Figure 3). Drilling of the borings will be performed using a hollow stem auger, limited space drilling rig with 6-inch outside diameter continuous-flight augers. Prior to drilling, boring locations will be hand-augured to approximately 5 feet bgs to verify that there are no underground utilities.

Soil samples will be collected at approximately 4-foot intervals beginning at 4-feet bgs and continuing to 40 feet bgs. The soil samples will be collected using a modified California split-spoon sampler, fitted with three brass liners. The sampler will be driven 18 inches (or to refusal) into undisturbed ground, by repeatedly dropping a 140-pound hammer from 30 inches above the sampler. The number of blows required to drive the sampler each 6 inches will be recorded. Refusal will be defined as requiring 50 hammer blows to advance the sampler 6 inches or less.

Soil samples will be used for measurement of head space volatile organic compound (VOC) concentration, describing the soil in accordance with the Unified Soil Classification System (USCS), and for chemical analysis (if selected).

Soil from the middle and top brass liners will be placed in a resealable plastic bag for approximately 15 minutes to allow VOCs in the soil to volatilize. The soil vapor will then be measured by inserting an organic vapor analyzer (OVA) or photoionization detector (PID) probe into the plastic bag. Background VOCs will be measured prior to each measurement. The organic vapor monitoring results will be recorded on boring logs.

The soil samples will be visually examined, described and classified in general accordance with the USCS. Soil descriptions will be recorded on the boring logs with other pertinent drilling notes.

The bottom brass liner from each sample interval will be sealed and capped, labeled, and stored in a chilled cooler for delivery to the laboratory.

A Registered Geologist or Professional Engineer experienced in environmental drilling and sampling will perform oversight of the drilling and sampling program. Boring logs will be prepared in accordance with the URS standard format for environmental drilling. At a minimum, boring logs shall contain geologic descriptions (USCS) of soil strata, depth to groundwater if encountered, depth to free product if present, sample identification numbers, blow counts, and OVA readings for headspace analyses. A Registered Geologist will review the boring logs.

During drilling activities, soil cuttings will be shoveled into 55-gallon drums. The drums will be labeled, identifying borings and depth intervals, and properly sealed or secured. Following a review of analytical soil tests the soil cuttings will be disposed at an appropriate licensed facility.

4.2 SOIL ANALYSIS

All soil samples collected from the borings will be submitted to Calscience Environmental Laboratories, Inc. (Calscience) in Garden Grove, California for analytical analyses. Soil samples collected 8, 16, 24, 32 and 40 feet will be analyzed for TPH analysis by EPA Method 8015-Modified for carbon chain to C44 and BTEX/MTBE using EPA Method 8020. Soil samples collected at 32 and 40 feet will be additionally analyzed for lead by EPA Method 6010B. Samples not selected for analysis (4, 12, 20, 28 and 36 feet) will be held by the laboratory in the event additional analysis is needed to confirm a "clean" zone beneath the former USTs. Samples showing detectable concentrations of MTBE will be confirmed by EPA Method 8260. All samples sent to the laboratory will be sealed, labeled, stored in a chilled cooler and submitted in accordance with EPA chain-of-custody field procedures. Soil samples will be analyzed by Calscience on a 24-hour turn around time. It should be noted that samples collected will not be analyzed for TRPH by EPA Method 418.1 since the former USTs did not contain motor oil.

4.3 DECONTAMINATION PROCEDURES

Drill rigs and augers will be decontaminated by steam cleaning at the drilling company's maintenance facility prior to arriving at the site. The drilling company will provide enough clean equipment for each day of drilling and sampling. They will also provide a mobile steam cleaner for field decontamination of augers, and other large equipment used for drilling and/or sampling. Only properly decontaminated equipment approved by URS Greiner Woodward Clyde onsite personnel will be used for drilling and sampling.

The field decontamination process for smaller (non-disposable) soil sampling equipment (i.e., split spoon sampler), will consist of wiping the equipment of excess soil, washing in a solution of

non-phosphate detergent (Liquinox), and rinsing with deionized water. The equipment will be cleaned prior to use, between each sample collection, and prior to leaving the site. All decontamination liquid and soil cuttings generated from drilling operations will be stored in 55-gallon Department of Transportation (DOT) approved drums, labeled, and properly sealed or secured. URS will stage the drums in an appropriate designated area for disposal.

4.4 QUALITY ASSURANCE SAMPLES

Laboratory QA/QC samples will be analyzed to identify the precision and accuracy of the laboratory measurements. Laboratory QA/QC samples consist of method blanks and matrix spike/matrix spike duplicates (MS/MSD) that are run daily as part of the laboratory's QA/QC plan. The purpose of the method blank samples is to evaluate the potential for introduction (during laboratory sample handling) of an analyte into a sample extract that is not present at detectable levels in the sample matrix. The purpose of the MS/MSD samples is to evaluate the effects of the sample matrix on the measurement methodology.

4.5 SAMPLE DOCUMENTATION AND TRACKING

Documentation of observations and data acquired in the field will provide information on the acquisition of samples and also provide a permanent record of field activities. The observations and data will be recorded with indelible ink in a permanently bound weatherproof field book with consecutively numbered pages and, if applicable, on field sampling data sheets.

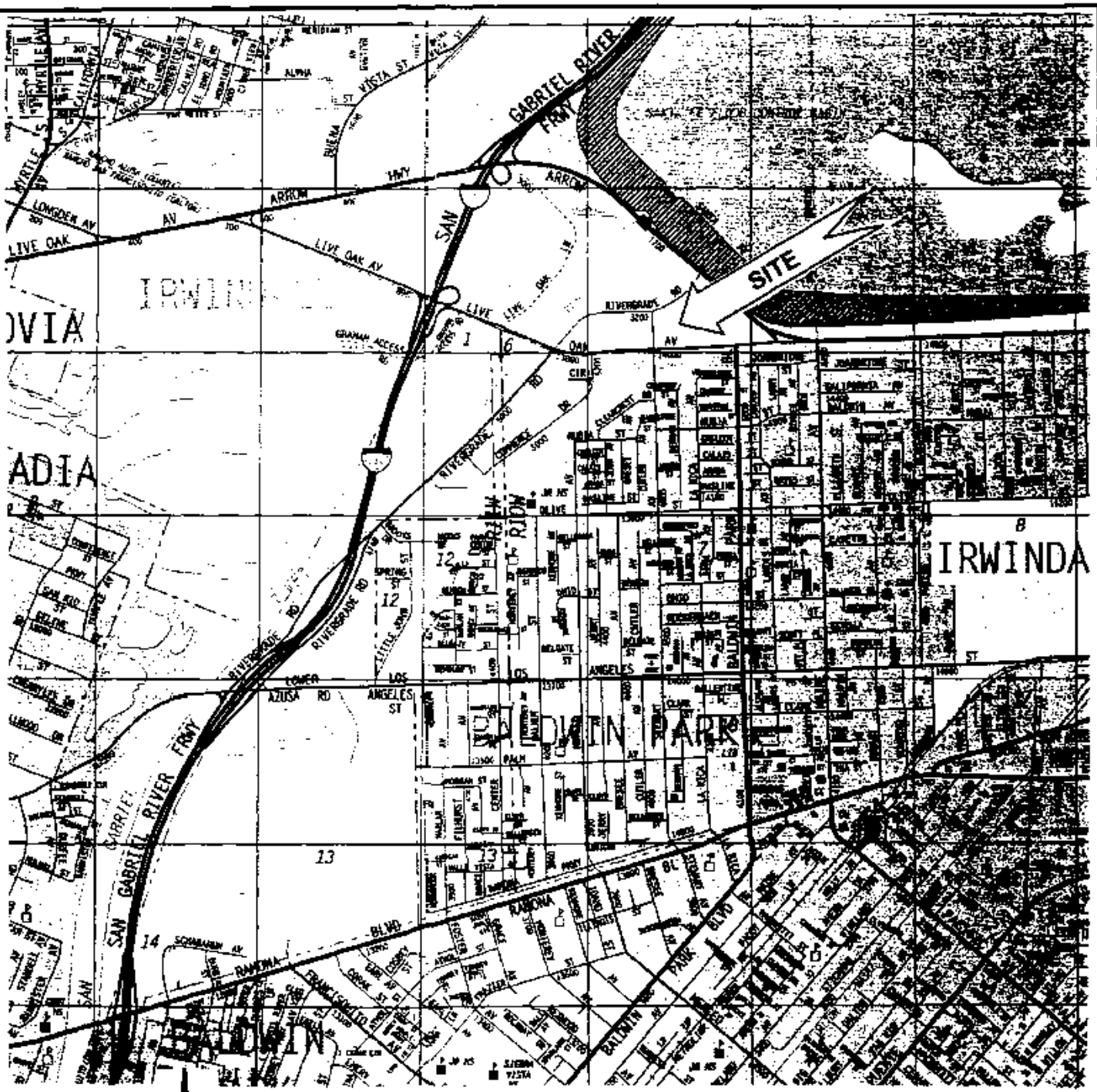
The information in the field book will include the following as a minimum.

- Project name
- Location of sample
- Sampler's signature
- Date and time of sample collection
- Sample identification numbers and sample depth (if applicable)
- Description of samples (matrix sampled)
- Analysis to be performed
- Number and volume of samples
- Description of QA/QC samples (if collected)
- Sample methods

- Sample handling
- Field observations
- Personnel and equipment present

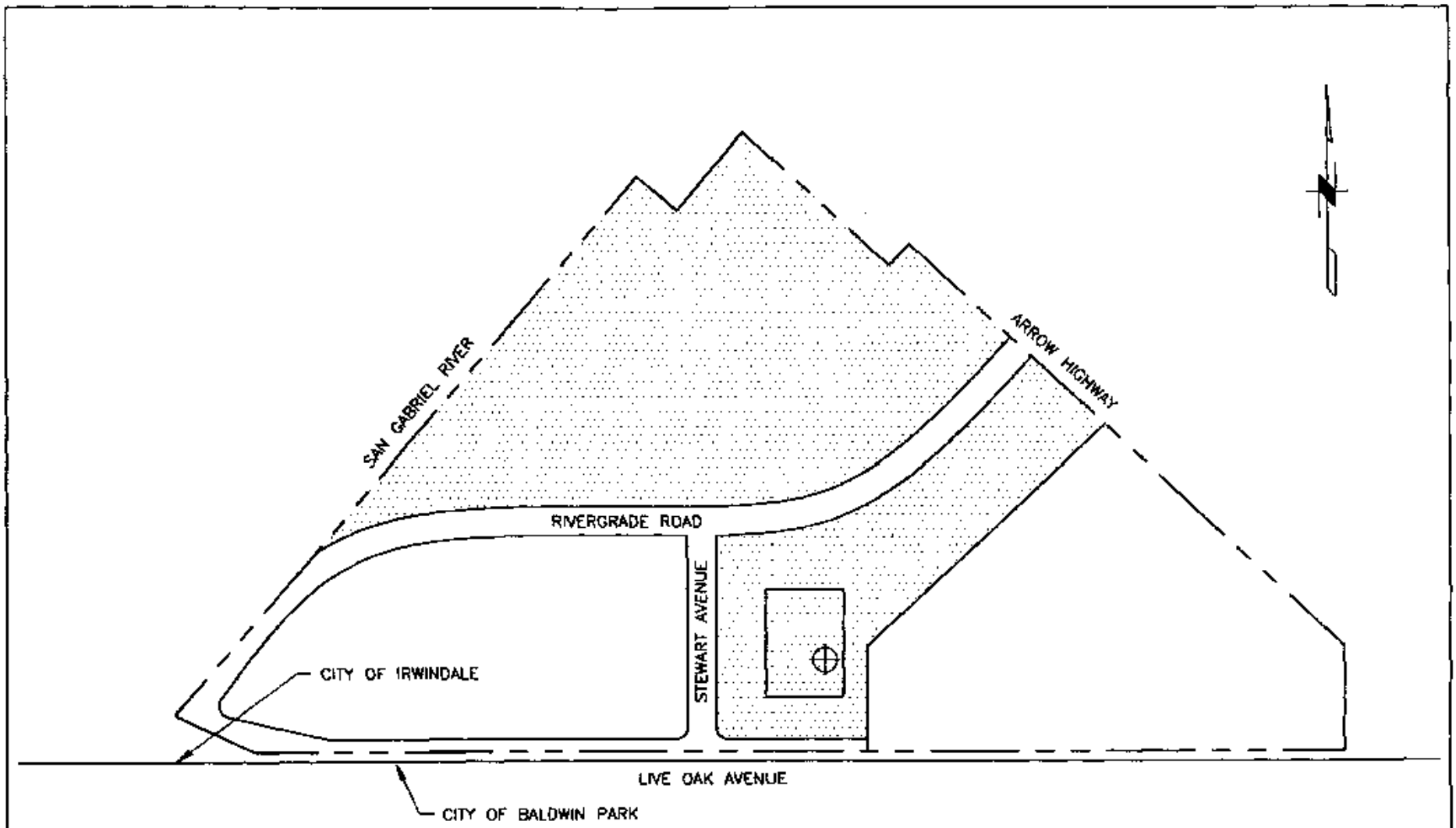
Changes or deletions in the field book should be lined out with a single strike mark, initialed and dated by person making change, and remain legible. Sufficient information should be recorded to allow the sampling event to be reconstructed without relying on the collector's memory.

URS will prepare a report of investigation following completion of field activities and laboratory analyses. The report will include a description of field activities, a summary of laboratory results in text and tabular format, conclusions and recommendations, site figures, boring logs, laboratory reports and chain-of-custody documentation, and QA/QC documentation.



SITE LOCATION MAP

Project No.: 25437-161-149	Date: JULY 2000	Project: HUGHES MARKETS	Figure: 1



LEGEND

PARCELS OWNED BY HUGHES MARKETS

APPROXIMATE LOCATION OF FORMER USTs AND DISPENSER ISLAND AREA

0 200' 400' 800'

SCALE: 1"=400'

URS Corporation

FORMER HUGHES MARKETS FACILITY SITE LAYOUT MAP

Proj. No.: 25437-161-149 | Date: JULY, 2000

Project: HUGHES MARKETS | CAD ID.:

Figure: FIG. 2

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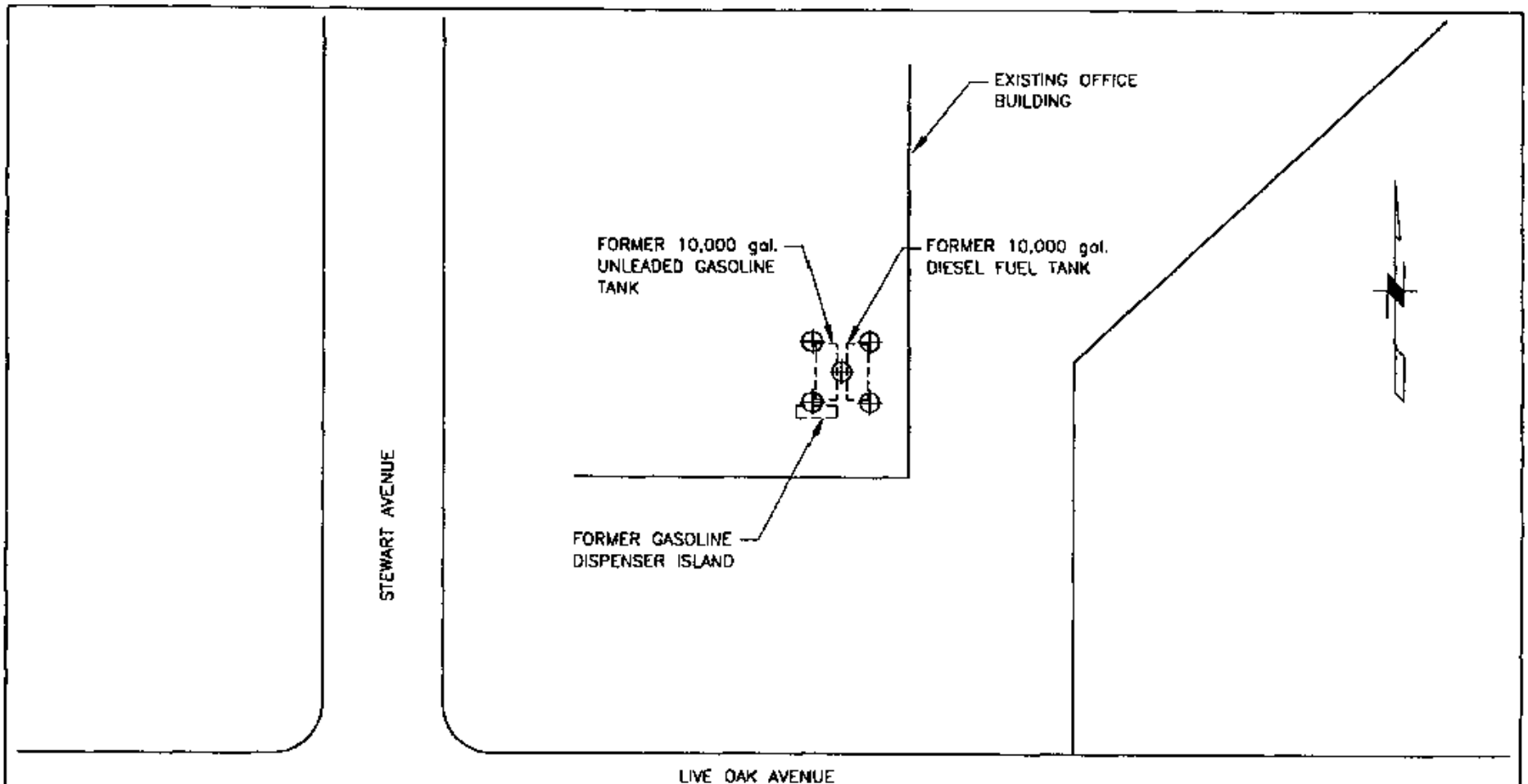


LEGEND

⊕ APPROXIMATE LOCATION OF PROPOSED BORINGS

0 50' 100' 200'

SCALE: 1"=100'

URS Corporation

FORMER HUGHES MARKETS FACILITY
BORING LOCATION MAP

Proj. No.: 25437-161-149	Date: JULY, 2000
Project: HUGHES MARKETS	CAD ID.:
	Figure: FIG. 3

J:\projects\Hughes Markets\fig3.dwg Fri Aug 04 13:59:45 2000

2020 East First Street
Suite 400
Santa Ana CA 92705
(714) 835-6886
(213) 581-7164
Fax (714) 667-7147

Woodward-Clyde Consultants

December 20, 1991
Project No. 904W217A

Los Angeles County Department of Public Works
900 South Fremont
Alhambra, California 91802

Atten: Waste Management Division

SUBJECT: TANK CLOSURE REPORT
FILE NUMBER 593, PERMIT NUMBER 7963

Dear Mr. Sjoberg,

On behalf of Mission-Koll I (Koll), Woodward-Clyde Consultants (Woodward-Clyde) is submitting this report regarding the removal of two underground storage tanks at 14041 East Live Oaks Avenue, Irwindale, California (Figure 1). This report addresses the items listed in the Los Angeles County Department of Public Works closure report checklist (Attachment A). The two tanks consisted of a 10,000 gallon steel (unleaded) gasoline tank and a 10,000 gallon double-walled fiberglass diesel tank. Figure 2 shows the locations of the tanks.

The tanks were removed on April 23, 1991 in accordance with conditions specified in permit number 7963, file number 593. The general contractor for the removal was J. D. Edwards at 11711 Clark Street, Unit 110, Arcadia, California 91006. They employed the following additional subcontractors:

- Nieto & Sons Trucking, Inc., Brea, California
  (cleaned tanks and hauled and disposed of liquid waste)
- CTL Environmental Services, Harbor City, California
  (Certified Industrial Hygienist)
- Western Tank Testing, 22911 Savi Ranch Parkway, Yorba Linda, California (Degassed fuel tank)

Woodward-Clyde personnel documented the removal of the tank and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. During the tank removal activities, the air in and around the tank excavation was monitored for volatile organics with an organic vapor analyzer (OVA). Most of the readings were near background (1.5 ppm) with two exceptions. Two readings were taken when a gasoline odor was noticed that registered > 100 ppm. These readings were obtained prior to tank de-gassing and seemed to be due to wind blowing

the vapors from the tanks. The tanks were pumped, de-gassed and certified "clean" by a certified industrial hygienist, and were then transported to American Metal Recycling, Inc. 2202 South Milliken Avenue, Ontario, California for disposal. Documentation of the removal, certification, and proper disposal of the tanks is included in Attachment B.

Soil samples were collected beneath the ends of the tanks (at an approximate depth of 15 feet below grade) as specified in the removal permit. The samples were collected by using a backhoe to excavate soil from the desired depth, and then collecting a sample from the bucket of the backhoe, using a spatula. The samples were grab samples (no borings were drilled), and were collected within one half hour after the tanks were removed (between 2:15 and 2:45 pm). They were stored on ice and transported with chain-of-custody documentation to West Coast Analytical Services, Inc. for analysis for total petroleum hydrocarbons (TPH) and for volatile aromatic hydrocarbons by EPA Method 8020. The samples from beneath the gasoline tank were analyzed for TPH by EPA Method 8015 (modified), and the samples from beneath the diesel tank were analyzed for TPH by EPA Method 418.1. Laboratory reports and chain-of custody forms are included in Attachment C.

The analytical results revealed non-detect concentrations of TPH for all samples except for sample 1B, collected beneath the north end of the diesel tank, which contained 186 mg/kg of TPH. Low concentrations of toluene, ethylbenzene and xylenes were detected in three of the four samples. These compounds were also detected in similar concentrations in the lab blanks, indicating that their presence was due to laboratory contamination.

Given the detection of TPH beneath the north end of the diesel tank, Woodward-Clyde personnel collected additional samples to assess the magnitude and extent of the TPH. On May 3 1991, samples were collected at the same location as sample 1B, but at greater depths (20 and 25 feet) below grade. These samples were collected as described above, and were transported with accompanying chain-of-custody documentation to West Coast Analytical Service, Inc. for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. Both samples were non-detect for TPH. Low levels of toluene and xylenes were detected in the samples as well as in the lab blank, and 2 ug/kg of ethylbenzene was detected in sample T-20B.

On May 9 1991, four additional samples were collected. Samples 1B-N1, 1B-S1, 1B-W1 and 1B-E1 were collected 2 to 5 feet north, south, west and east, respectively, of the original sample 1B. These samples were collected as described above, and were transported with accompanying chain-of-custody documentation to West Coast Analytical Service for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. All of the samples were non-detect for the target compounds with the exception of sample 1B-W1 which contained 2 ug/kg of toluene.

The soil that was removed beneath the north end of the diesel tank for sample collection was stockpiled near the tank excavation. On May 15 1991, when the excavation was backfilled, this soil was transported to another location on the site in case further treatment was deemed necessary. This soil had no odor or discoloration.

CERTIFICATION

I have reviewed this report and declare that the information included herein is true and accurate and complete to the best of my knowledge.

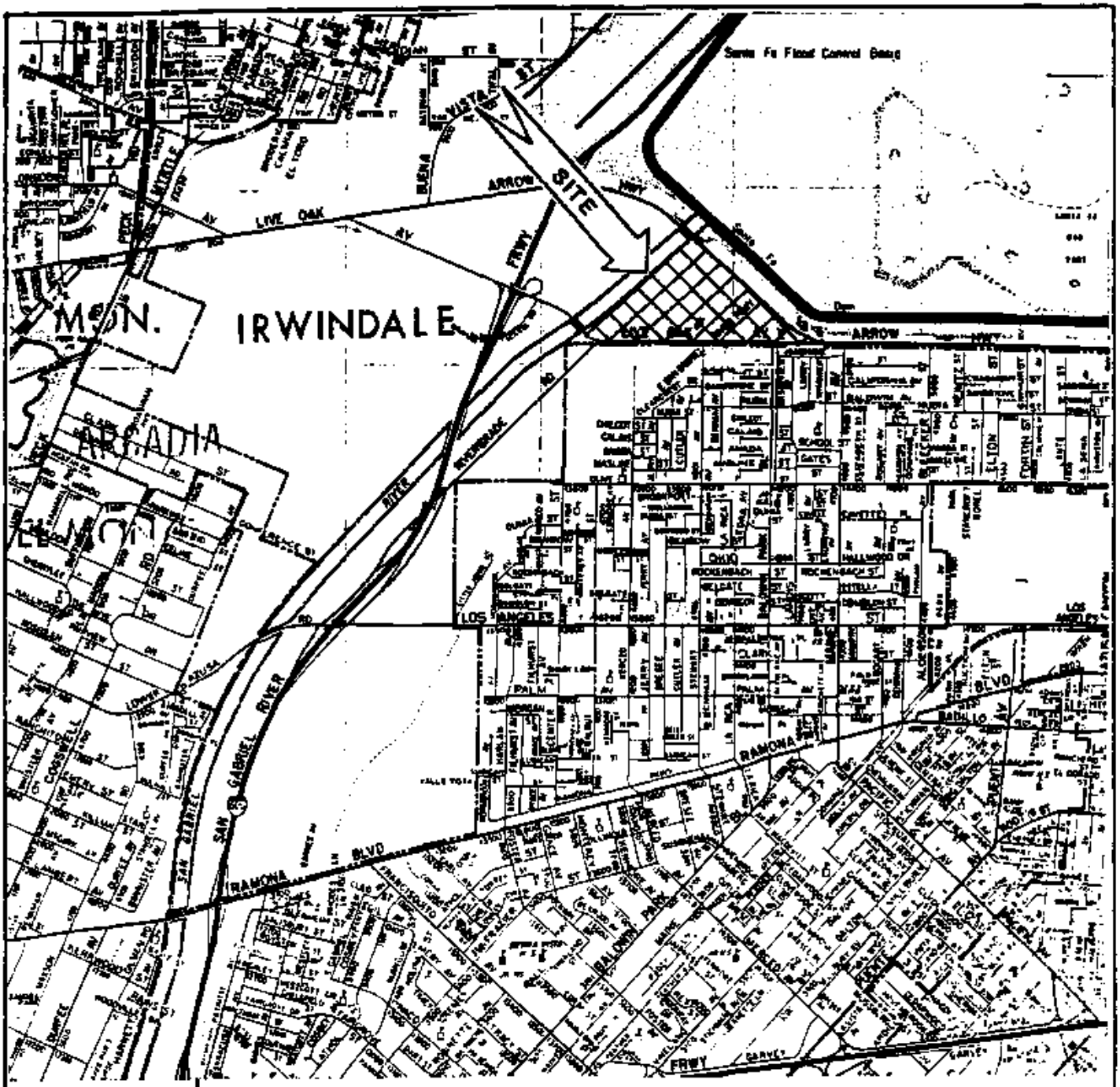
Signature _____

Dennis E. Jensen
Senior Project Geologist



Attachments

b:\s\ucp\closure.t2



0 2800 5600

SCALE, feet

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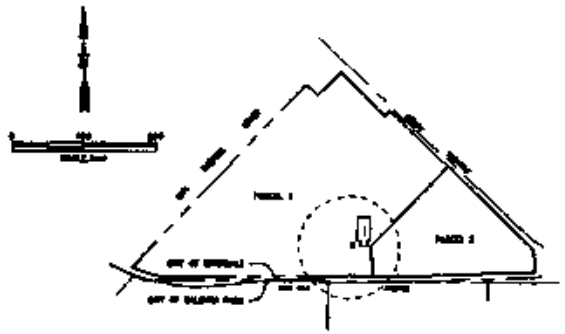
SITE LOCATION MAP

Project No.: 904W217A	Date: SEPT. 1991	Project: UCP REMEDIATION	Fig. 1



GARAGE

10,000 GALLON UNLEADED

10,000 GALLON DIESEL
DOUBLE-WALLED F/G

PARCEL 1

PARCEL 2

0 100 200
SCALE, feet

CITY OF IRWINDALE

LIVE OAK AVENUE

CITY OF BALDWIN PARK

GASOLINE AND DIESEL TANK LOCATIONS

Project No.: 914W217A	Date: 12-9-91	Project: UNITED CONCRETE PIPE-BALDWIN PARK	Fig.: 2

Attachment A

Department of Public Works
Closure Report Requirements

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

Permit 7963 B
File 593 R/C 35
Fee $ 179
Check [X] Cash [ ]

OWNER: Name Mission-Kell I Phone
Mailing Address 818 W. 7th. st. ste 700 City Los Angele State CA Zip 9001

FACILITY:
Occupant Name United Concrete Pipe Phone (714) 658-5251
Site Address 14041 E. Live Oak Ave. City Irwindale Zip 9170
Mailing Address SAME City same State CA Zip
Contact Person Bob Richardson Title

CONTRACTOR [X], complete below: OWNER/OPERATOR AS CONTRACTOR [ ]
Name J.D. Edwards Company Phone (818)303-8775
State License No. 324262 Class C 61/D40

CLOSURE REQUESTED:
[XX] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
one	Fiberglass	2 yrs.	10,000	Diesel Fuel
two*	Steel	2 yrs.	10,000	Unleaded Gas

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[ ]
Have structural repairs ever been made to these tanks?	[ ]	[ ]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[ ]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOS
MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT
CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE
PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature John D Edwards Date 3-7-91
(Print Name) John D. Edwards Phone 818-303-8775
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HERE GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

Rani Iyer Date 3/21/91

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, containing:

1. File number of facility and closure permit number.

2 Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

3. Description of methods for obtaining, handling, and transporting samples.

4. Time and date samples were obtained.

5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.

7. Disposal destination of tanks and evidence of legal disposal.

8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

9. Documentation as to depth of groundwater at facility.

10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.

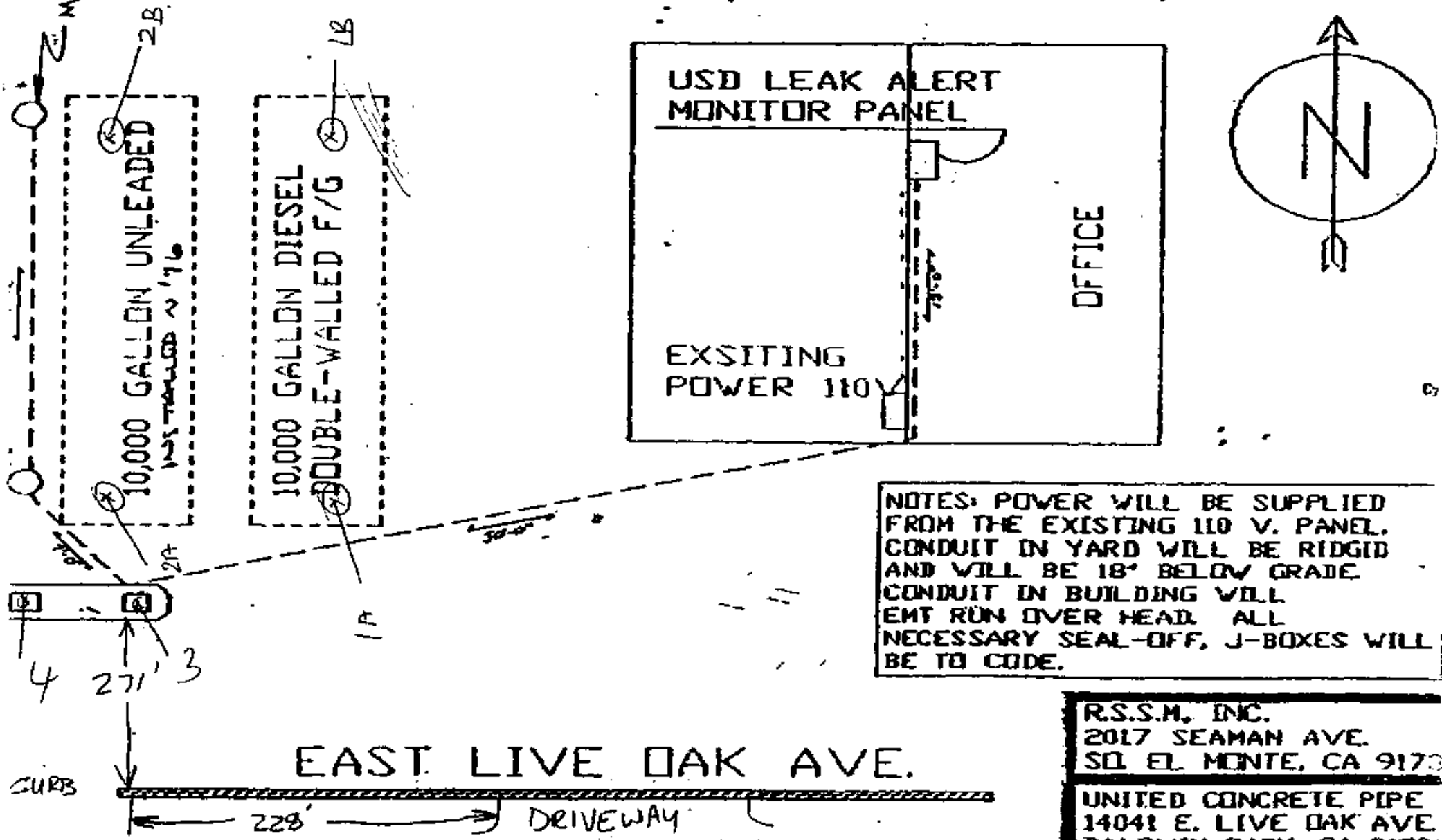
11. Any observations of site contamination.

12. Remedial action plan to mitigate contamination.

13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

Signature John D Edwards Date 3-21-91

ld4/CRR


2B
LB
10,000 GALLON UNLEADED
10,000 GALLON DIESEL
DOUBLE-WALLED F/G
USD LEAK ALERT
MONITOR PANEL
OFFICE
EXSITING
POWER 110V
N
NOTES: POWER WILL BE SUPPLIED FROM THE EXISTING 110 V. PANEL. CONDUIT IN YARD WILL BE RIDGID AND WILL BE 18" BELOW GRADE. CONDUIT IN BUILDING WILL EMT RUN OVER HEAD. ALL NECESSARY SEAL-OFF, J-BOXES WILL BE TO CODE.
4
271'
3
EAST LIVE OAK AVE.
CURB
228'
DRIVEWAY
R.S.S.M. INC.
2017 SEAMAN AVE.
SOL EL MONTE, CA 917
UNITED CONCRETE PIPE
14041 E. LIVE OAK AVE.
BALDWIN PARK, CA 9170

Attachment B

Documentation of Removal, Certification and Proper Disposal of Tanks

FIRE PREVENTION DIVISION

TANK REMOVAL VERIFICATION AND SITE LOG

GENERAL INFORMATION

Date 4/23/91 Permit # 7963 B

Tank Location 14041 E. LIVE OAK, IRWINDALE

Name of Contractor J. D. EDWARDS

Contractor State License # 324262 Telephone # 818/303-5775

TANK STABILIZATION

	Time Complete	Contractors Signature
1. Remaining Liquid Removed Through Product Lines	NA - NO PRODUCT LINES - DIESEL	
2. Dry Ice Added (15#/1,000 gal., attach receipt)	1:30 PM	
3. Date Gas Analyzer Last Tested (no more than 3 months old)	4/3/91	
4. L.E.L. and O2 Level Readings	L.E.L. 0% O2 21%	

EXCAVATION

Continuous monitoring of vapor concentrations around the excavation site is required, log readings below every 30 minutes.

Reading	Time	Signature
NONE DETECTED	6:00	
" "	6:30	
" "	7:00	
" "	7:30	

CERTIFICATION

Tank Identification # _____ EPA I.D. # CA 000 3986218

Tank Size 2-10000 GAL 1 GAS 1 DIESEL Tank Type 1 STEEL 1 FIBERGLASS

Tank Cleaned By KLEEN SEAL Signature _____

CERTIFIED INDUSTRIAL HYGIENIST OR CERTIFIED MARINE CHEMIST - ATTACH BUSINESS CARD

Name STUART SPIRO

Time Certified 1:15 PM 4/23/91 Signature _____

TRANSPORT - ATTACH COPY OF TRANSPORTATION MANIFEST

Tank Transported By _____ To AAR

NIETO & SONS TRUCKING, INC.

N.A.S.I., INC.

1281 Brea Canyon Road • Brea, CA 92621
Mail Address: P.O. Box 8111 • Anaheim, CA 92802
Telephone: 714/635-2309 (24 Hours) • 714/990-6855 (Yard)

(1)

DT 5279

JOB DATE 4/23/91 Tuesday

COMPANY SOLD TO:	ORDER DATE	ORDER TIME	P.O. NUMBER
D. D. Edwards Co.	/ /		
CONTACT / TELEPHONE	ORDERED BY / TELEPHONE		
	LA County		
ADDRESS: 1375 Clark St. Riverside Ca 92506	LEASE / JOBSITE: 14010 Live Oak Ave. Irwindale		

DRIVER	SWAMPER	TRUCK NO.	TRAILER NO.	START TIME	HOURLY RATE
Lonnie Rodriguez	Salvador Salcedo	209	189	6AM	$

DESCRIPTION OF WORK REQUESTED

1-10K Gas, 1-10K Diesel (one is Fiberglass) Suck & Wash out. There 7AM (ICE=315*) degas, ICE pull thaw by DDE. degas by Western by DDE. There 9AM clean by NASI ctr There 1130AM cmpd YXN

DRIVER'S DAILY REPORT

DATE	YARD DEPART	JOB ARRIVE	JOB DEPART	DUMP SITE ARRIVE	DUMP SITE DEPART	YARD ARRIVE	LUNCH	TOTAL HOURS
4/23/91	6AM	7:00	1:35					

WORK PERFORMED

MANIFEST # 0032034 GALLONS: 1600 SOLIDS %: 20% SLUDGE

WASTE OIL WAS 3-K WITH 2½ FT. AND 1 FT. OF THAT SLUDGE. CUT TWO WINDOWS IN IT TO WASH. OIL WAS TOUGH WASHED TANK FROM 7:00-10:30. 2-10K TANKS HAD SMALL AMOUNT OF SOLIDS.

TRUCK WASHED OUT	LUNCH TAKEN	TOTAL HOURS CHARGED	HOURLY RATE	TOTAL CHARGES
			$	$

DRIVER SIGNATURE	TRUCK NUMBER	CUSTOMER SIGNATURE	DATE
	209	X	4/23/91

*** 24 HOUR SERVICE ***

CUSTOMER COPY

Form Approved OMB No. 2050-0039 (Expires 9-30-91) T 7171

Please print or type. Form designed for use on elite (12-pitch typewriter).

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CA000398671 8 | Manifest Document No.: 21034

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
UNITED CONCRETE PIPE
11715 CLARK ST. ARCADIA, CA. 91006

4. Generator's Phone (818) 303-8775

A. State Manifest Document Number: 90321034

B. State Generator's ID:

5. Transporter 1 Company Name: NIETO AND SONS TRUCKING

6. US EPA ID Number: CAT080016116

C. State Transporter's ID: 114024

D. Transporter's Phone: 714-990-6855

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:
DEMENNO KERDOON
2000 N. ALAMEDA
COMPTON, CA 90222

10. US EPA ID Number: CAT080013352

G. State Facility's ID: CAT080013352

H. Facility's Phone: 213-537-7100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON RCRA HAZARDOUS WASTE LIQUID	001	TT	-14600	G	State 141 / EPA/Other EXEMPT
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above:
NO SMOKING
GLOVES / GOGGLES
EMERGENCY TELEPHONE # (714) 990-6855
Site Pnd: 14010 Live Oak Ave Irwindale

K. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
PETROLEUM RECYCLERS CAT080011059
1835 E. 29th STREET 213-595-7431
SIGNAL HILL, CA 90806

GIBSON OIL REFINERY CAD980883177
COMMERCIAL DRIVE 805-327-0413
BAKERSFIELD, CA 93308

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: FOR [illegible] DEAN KRAMER | Signature: [signature] | Month Day Year: 04 23 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] | Signature: [signature] | Month Day Year: 04 23 91

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: James P. ATCO | Signature: [signature] | Month Day Year: 04 29 91

Do Not Write Below This Line

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90321034

DHS 8022 A
EPA 8700-22
(Rev. 6-89) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

C/W05597

Certificate of Treatment/Recycling

ISSUED TO

United Conveyor Pipe

FOR

MANIFEST NUMBER 90321034 DATE RECEIVED 4-29-91

The aqueous waste received on the above manifest will be treated to standards mandated by the FEDERAL CLEAN WATER ACT and to effluent requirements established by the Sanitation Districts of Los Angeles County. Waste treatment and recycling is performed under permits granted to DeMENNO/KERDOON, a California corporation, by the California Department of Health Services, in coordination with the Environmental Protection Agency, in accordance with the provisions of the Resource Conservation and Recovery Act (RCRA) of 1976, together with applicable federal and state regulations including but not limited to waste discharge requirements established by the Sanitation Districts of Los Angeles County.

When the above described waste material is accepted by DeMENNO/KERDOON and treated/recycled and the aqueous phase discharged for further treatment by the Sanitation Districts, the certificate holder's responsibility for the waste material is eliminated under both RCRA and Proposition 65. Upon request, DeMENNO/KERDOON will issue this certificate that all waste material has been handled in accordance with applicable permits and the certificate holder's liability has been terminated.

DeMENNO/KERDOON

"Compliance Through Recycling"

By: Casey K. Yu 4-29-91

Date

Casey K. Yu, B.S., M.S.
Environmental Compliance Mgr.
Chief Chemist

2000 NORTH ALAMEDA STREET ☐ COMPTON ☐ CALIFORNIA ☐ 90222
(213) 537-7100 ☐ FACSIMILE (213) 639-2946

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Ave. #307
Harbor City, California 90710
(213) 530-5006

TANK REMOVAL CERTIFICATE #: 02410
Date: 4/23/91
Permit #: 7963B
Site: 14041 E LIVE OAK
FAWNDALE

TANK DESCRIPTION: FIBERGLASS CYLN
TANK SIZE: 10000 GAL
ADDRESS OF TANK: SAME ABOVE
LOCATION OF TANK: CORNER OF PROP.

CLIENT: J. D. EDWARDS

TANK CONTENTS (if known): DIESEL FUEL

TANK NUMBER (if any): (1)
761278

RESULTS OF TANK INSPECTION: LEL 0% 12:30 4/23/91

The tank described above has been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank and no visible contamination has been observed except as noted below:

EXCEPTION: NONE

The tank described above is approved for removal and transportation.

INSPECTED BY: _____ CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1433 & 1973)

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Ave. #307
Harbor City, California 90710
(213) 530-5006

TANK REMOVAL CERTIFICATE #: 02409
Date: 4/23/91
Permit #: 7963B
Site: 14041 E LIVE OAK
IRWINDALE

TANK DESCRIPTION: STEEL CYLN
TANK SIZE: 10000
ADDRESS OF TANK: SEE ABOVE
LOCATION OF TANK: CENTER OF PROP.

CLIENT: J.D. EDWARDS

TANK CONTENTS (if known): GASOLINE (UNLEAD)

TANK NUMBER (if any): (2) 875403

RESULTS OF TANK INSPECTION: LEL 0% 1:15 PM 4/23/91

The tank described above has been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank and no visible contamination has been observed except as noted below:

EXCEPTION: NONE

The tank described above is approved for removal and transportation.

INSPECTED BY: _____

CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1433 & 1973)

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 36586

TANK DISPOSAL FORM

Date: 4-23 ,19 91
Job #
P. O. #

CONTRACTOR: R. D. EDWARDS
ADDRESS: 11711 Clark St., Unit 110, Arcadia, Ca 9100
JOB SITE: United Concrete Pipe
ADDRESS: 14041 E. Live Oak, Irwindale, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY	LIC NO.

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

TANK # 8751403 – 10,000 Steel
TANK # 7612178 – 10,000 Fiberglass

✓	Services Rendered	Cost
___	Disposal Fee	200.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	300.00
___	Fiberglass Tank Disposal Fee Per Tank	400.00
1	Fiberglass Tank Delivered	200.00
___	Bobtail Disposal Fee	250.00
___	Cancellation Fee	250.00
	TOTAL CHARGES	$200

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F* S*	NET TONS	TOTAL
	500		.14	
	800		.21	
	850		.24	
	1000 - 125		.44	
	1000 - 6 ft.		.61	
	1500		.87	
1	2000		.57	.97
	2500		1.14	
	3000		1.32	
	4000		1.84	
	5000		2.42	
	6000		2.84	
	7500		3.26	
	8000		3.44	
	9000		3.82	
71	10000	XX	4.33	4.33
	12000		4.83	

NO. OF TANKS: 3 TOTAL NET TONS: 5.30
F 1 FIBERGLASS S 2 STEEL 105

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP

4-23-91
DATE

CONTRACTOR COPY

Attachment C

Laboratory Reports and Chain-of-Custody Forms

RECEIVED
MAY - 1 1991

WCAS
WEST COAST ANALYTICAL SERVICE, INC.
ANALYTICAL CHEMISTS

April 30, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18399 A

LABORATORY REPORT

Samples Received: Six (6) Soil Samples
Date Received: 4-23-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Six (6) soils	Volatile Aromatics by EPA 8020	Data Sheets

B. Michael Hovanec
Senior Staff Chemist

for D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE
Dr. Alistaire Callender

Job # 18399
April 30, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
1A	ND
1B	186
~~S1-1~~	~~17,000~~ N/A to PERMIT 7963 (SEE PERMIT 8058)
~~S1-2~~	~~10,000~~ " " " " " "
Detection Limit	10

ND - Not Detected

Date Analyzed: 4-26-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
2A	ND	ND	ND	ND	ND
2B	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Date Analyzed: 4-24-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	2	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	79	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: 1A
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	1	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 1B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	1	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	107	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 2A
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	4 B	1
Surrogate Percent Recovery:	80	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 2B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	83	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 4/22/91

PROJECT NAME: UCP - Remediation

PROJECT NO.: 904W217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1A U	" 1	↓	↓	↓	↓	↓	418.1 8020
1B V	" 1	↓	↓	↓	↓	↓	418.1 8020
2A U	" 2	↓	↓	↓	↓	↓	8015 8020
2B U	" 2	↓	↓	↓	↓	↓	8015 8020

N/A to PERMIT 7963 (See BOS

Total Number of Samples Shipped: 1

Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature: [illegible] Printed Name: [illegible] Company: [illegible] Reason: [illegible]	Signature: R Northington Printed Name: R Northington Company: WHAS, INC. 19399	Date: 4/23/91 Time: 3:11 pm
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

LA/OR-0183-421

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

May 9, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18479 A

LABORATORY REPORT

Samples Received: Nine (9) Soil Samples
Date Received: 5-3-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Two (2) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Two (2) soils	Volatile Aromatics by EPA 8020	Data Sheets
Three (3) soils	Volatile Organics by EPA 8260	Data Sheets
Three (3) soils	Surrogate Percent Recoveries for EPA 8260	Data Sheet

B. Michael Hovanec
Senior Staff Chemist

Michael Shelton
Technical Director

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE
Dr. Alistaire Callender

Job # 18479
May 9, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
T-20A	ND
T-25A	ND
Detection Limit	10

ND - Not Detected

Date Analyzed: 5-6-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

N/A To Tank Permit

Sample No.	C_5-C_{10} Gasoline	$C_{10}-C_{12}$ Mineral Spirits	C_7-C_{15} Kerosene	$C_{15}-C_{20}$ Diesel Fuel	$C_{20}-C_{30}$ Heavy Hydrocarbons
7A	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Sample ID	C_5-C_{20} Hydrocarbons	$C_{20}-C_{30}$ Heavy Hydrocarbons
18A	120	110
Detection Limit	10	100

Cannot positively identify.

ND-Not Detected
Date Analyzed: 5-6-91

WCAS

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18479
Date Analyzed: 06-May-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18479
Date Analyzed: 06-May-91
Analysis: EPA 602 (8020)

Sample: T-20B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	1	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2 B	1
Total Xylenes	5 B	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	T-25B
Job No:	18479		
Date		Matrix:	Soil
Analyzed:	06-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2 B	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	76	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 5/3/11

PROJECT NAME: UCF-Remediation

PROJECT NO.: 904W217A

Sample Number	Location	Type of Sample		Type of Container	Type of Preservation		Analysis Required*
		Material	Method		Temp	Chemical	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] tube	10C	none	[illegible]
[illegible]	↓	↓	[illegible]				[illegible]
[illegible]	↓	↓	↓				[illegible]
[illegible]	↓	↓	↓				[illegible]
[illegible]	[illegible]	↓	↓				[illegible]
7A	[illegible]	↓	↓				2015
7[illegible]	[illegible]	↓	↓				8240
1[illegible]	[illegible]	↓	↓				2015
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	8240
							[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Total Number of Samples Shipped: 9 | Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature [illegible]	Signature [illegible]	Date 5/3/11
Printed Name [illegible]	Printed Name [illegible]	
Company [illegible]	Company WCAS 18479	Time [illegible]
Reason [illegible]		
Relinquished By:	Received By:	Date / /
Signature	Signature	
Printed Name	Printed Name	
Company	Company	Time
Reason		
Relinquished By:	Received By:	Date / /
Signature	Signature	
Printed Name	Printed Name	
Company	Company	Time
Reason		
Relinquished By:	Received By:	Date / /
Signature	Signature	
Printed Name	Printed Name	
Company	Company	Time
Reason		

Special Shipment / Handling / Storage Requirements:

Please call Alistair Collinder before proceeding

RUSH!

* Note — This does not constitute authorization to proceed with analysis

LA/OR-0183-421

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

May 10, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18517 A

LABORATORY REPORT

Samples Received: Eight (8) Soil Samples
Date Received: 5-9-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Four (4) soils	Volatile Aromatics by EPA 8020	Data Sheets

Michael Shelton
Technical Director

D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 18517
May 10, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
1B-E1	ND
1B-N1	ND
1B-S1	ND
1B-W1	ND
Detection Limit	10

ND - Not Detected

Date Analyzed: 5-10-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 09-May-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 09-May-91
Analysis: EPA 602 (8020)

Sample: 1B-E1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	90	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 10-May-91
Analysis: EPA 602 (8020)

Sample: 1B-N1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 10-May-91
Analysis: EPA 602 (8020)

Sample: 1B-S1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	86	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	1B-W1
Job No:	18517		
Date		Matrix:	Soil
Analyzed:	10-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

SHIPMENT NO.: _____

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

DATE 5/9/91

PROJECT NAME: UCP Remediation

PROJECT NO.: 96-1W217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
1B-W1	[illegible]	[illegible]	grab	[illegible]	[illegible]	[illegible]	[illegible]
1B-W2	↓	↓	↓	↓	↓	↓	↓
1B-E1	↓	↓	↓	↓	↓	↓	↓
1B-E2	↓	↓	↓	↓	↓	↓	↓
1B-N1	↓	↓	↓	↓	↓	↓	↓
1B-N2	↓	↓	↓	↓	↓	↓	↓
1B-S1	↓	↓	↓	↓	↓	↓	↓
1B-S2	↓	↓	↓	↓	↓	↓	↓

Total Number of Samples Shipped: 8 | Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature [illegible] Printed Name [illegible] Company WCC Reason [illegible]	Signature [illegible] Printed Name [illegible] Company [illegible] 618517	Date 5/9/91 Time 11:35
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time

Special Shipment / Handling / Storage Requirements:

[illegible]

* Note — This does not constitute authorization to proceed with analysis

APPENDIX B

TANK CLOSURE REPORT
FILE NUMBER 593, PERMIT NUMBER 7963

2020 East First Street
Suite 400
Santa Ana, CA 92705
(714) 835-6886
(213) 581-7164
Fax (714) 667-7147

Woodward-Clyde Consultants

December 20, 1991
Project No. 904W217A

Los Angeles County Department of Public Works
900 South Fremont
Alhambra, California 91802

Atten: Waste Management Division

SUBJECT: TANK CLOSURE REPORT
FILE NUMBER 593, PERMIT NUMBER 7963

Dear Mr. Sjoberg,

On behalf of Mission-Koll I (Koll), Woodward-Clyde Consultants (Woodward-Clyde) is submitting this report regarding the removal of two underground storage tanks at 14041 East Live Oaks Avenue, Irwindale, California (Figure 1). This report addresses the items listed in the Los Angeles County Department of Public Works closure report checklist (Attachment A). The two tanks consisted of a 10,000 gallon steel (unleaded) gasoline tank and a 10,000 gallon double-walled fiberglass diesel tank. Figure 2 shows the locations of the tanks.

The tanks were removed on April 23, 1991 in accordance with conditions specified in permit number 7963, file number 593. The general contractor for the removal was J. D. Edwards at 11711 Clark Street, Unit 110, Arcadia, California 91006. They employed the following additional subcontractors:

- Nieto & Sons Trucking, Inc., Brea, California
  (cleaned tanks and hauled and disposed of liquid waste)
- CTL Environmental Services, Harbor City, California
  (Certified Industrial Hygienist)
- Western Tank Testing, 22911 Savi Ranch Parkway, Yorba Linda, California (Degassed fuel tank)

Woodward-Clyde personnel documented the removal of the tank and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. During the tank removal activities, the air in and around the tank excavation was monitored for volatile organics with an organic vapor analyzer (OVA). Most of the readings were near background (1.5 ppm) with two exceptions. Two readings were taken when a gasoline odor was noticed that registered > 100 ppm. These readings were obtained prior to tank de-gassing and seemed to be due to wind blowing

the vapors from the tanks. The tanks were pumped, de-gassed and certified "clean" by a certified industrial hygienist, and were then transported to American Metal Recycling, Inc. 2202 South Milliken Avenue, Ontario, California for disposal. Documentation of the removal, certification, and proper disposal of the tanks is included in Attachment B.

Soil samples were collected beneath the ends of the tanks (at an approximate depth of 15 feet below grade) as specified in the removal permit. The samples were collected by using a backhoe to excavate soil from the desired depth, and then collecting a sample from the bucket of the backhoe, using a spatula. The samples were grab samples (no borings were drilled), and were collected within one half hour after the tanks were removed (between 2:15 and 2:45 pm). They were stored on ice and transported with chain-of-custody documentation to West Coast Analytical Services, Inc. for analysis for total petroleum hydrocarbons (TPH) and for volatile aromatic hydrocarbons by EPA Method 8020. The samples from beneath the gasoline tank were analyzed for TPH by EPA Method 8015 (modified), and the samples from beneath the diesel tank were analyzed for TPH by EPA Method 418.1. Laboratory reports and chain-of custody forms are included in Attachment C.

The analytical results revealed non-detect concentrations of TPH for all samples except for sample 1B, collected beneath the north end of the diesel tank, which contained 186 mg/kg of TPH. Low concentrations of toluene, ethylbenzene and xylenes were detected in three of the four samples. These compounds were also detected in similar concentrations in the lab blanks, indicating that their presence was due to laboratory contamination.

Given the detection of TPH beneath the north end of the diesel tank, Woodward-Clyde personnel collected additional samples to assess the magnitude and extent of the TPH. On May 3 1991, samples were collected at the same location as sample 1B, but at greater depths (20 and 25 feet) below grade. These samples were collected as described above, and were transported with accompanying chain-of-custody documentation to West Coast Analytical Service, Inc. for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. Both samples were non-detect for TPH. Low levels of toluene and xylenes were detected in the samples as well as in the lab blank, and 2 ug/kg of ethylbenzene was detected in sample T-20B.

On May 9 1991, four additional samples were collected. Samples 1B-N1, 1B-S1, 1B-W1 and 1B-E1 were collected 2 to 5 feet north, south, west and east, respectively, of the original sample 1B. These samples were collected as described above, and were transported with accompanying chain-of-custody documentation to West Coast Analytical Service for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. All of the samples were non-detect for the target compounds with the exception of sample 1B-W1 which contained 2 ug/kg of toluene.

The soil that was removed beneath the north end of the diesel tank for sample collection was stockpiled near the tank excavation. On May 15 1991, when the excavation was backfilled, this soil was transported to another location on the site in case further treatment was deemed necessary. This soil had no odor or discoloration.

CERTIFICATION

I have reviewed this report and declare that the information included herein is true and accurate and complete to the best of my knowledge.

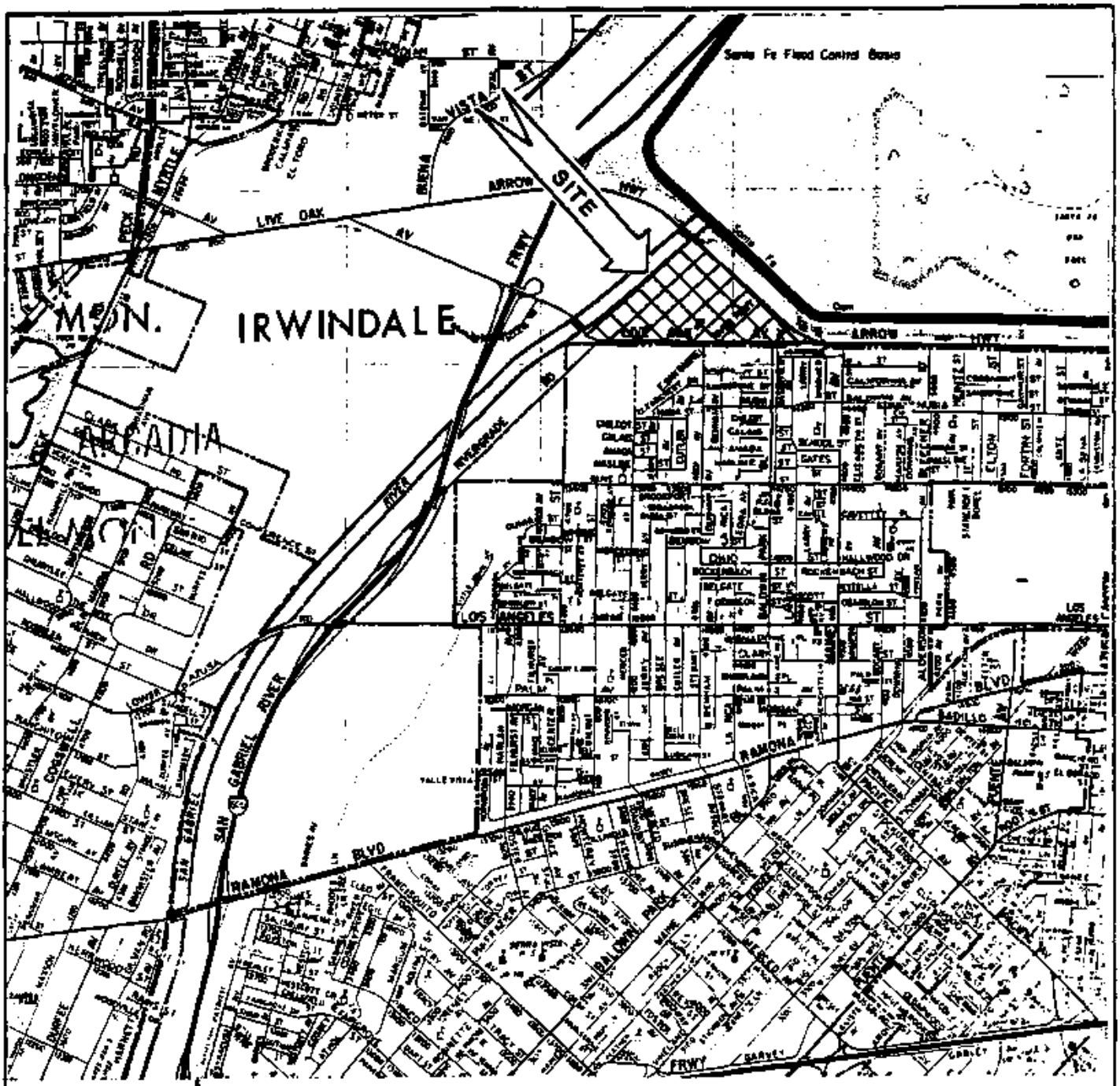
Signature _____

Dennis E. Jensen
Senior Project Geologist



Attachments

b:\s\ucp\closure.t2



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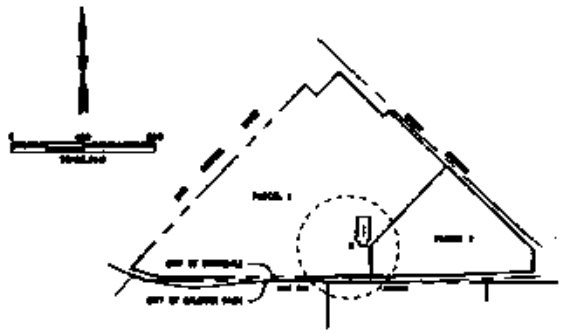
SITE LOCATION MAP

Project No.: 904W217A	Date: SEPT. 1991	Project: UCP REMEDIATION	Fig. 1



GARAGE

10,000 GALLON UNLEADED

10,000 GALLON DIESEL
DOUBLE-WALLED F/G

PARCEL 1

PARCEL 2

0 100 200
SCALE, feet

CITY OF IRWINDALE

LIVE OAK AVENUE

CITY OF BALDWIN PARK

GASOLINE AND DIESEL TANK LOCATIONS

Project No.: 914W217A	Date: 12-9-91	Project: UNITED CONCRETE PIPE-BALDWIN PARK	Fig.: 2

Attachment A

Department of Public Works
Closure Report Requirements

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

Permit 7963 B
File 593 R/C 35
Fee $ 179
Check [X] Cash [ ]

OWNER: Name Mission-Koll I Phone
Mailing Address 818 W. 7th. st. ste 700 City Los Angeles State CA Zip 9001

FACILITY:
Occupant Name United Concrete Pipe Phone (714) 658-5251
Site Address 14041 E. Live Oak Ave. City Irwindale Zip 9170
Mailing Address SAME City SAME State CA Zip
Contact Person Bob Richardson Title

CONTRACTOR [X], complete below: OWNER/OPERATOR AS CONTRACTOR [ ]
Name J.D. Edwards Company Phone (818)303-8775
State License No. 324262 Class C 61/D40

CLOSURE REQUESTED:
[X] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
one	Fiberglass	2 yrs.	10,000	Diesel Fuel
two	Steel	2 yrs.	10,000	Unleaded Gas

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[ ]
Have structural repairs ever been made to these tanks?	[ ]	[ ]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[ ]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLO MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature John D Edwards Date 3-7-91
(Print Name) John D. Edwards Phone 818-303-8775
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HERE GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

Rani Iyer 3/21/91

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, containing:

1. File number of facility and closure permit number.

2 Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

3. Description of methods for obtaining, handling, and transporting samples.

4. Time and date samples were obtained.

5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.

7. Disposal destination of tanks and evidence of legal disposal.

8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

9. Documentation as to depth of groundwater at facility.

10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.

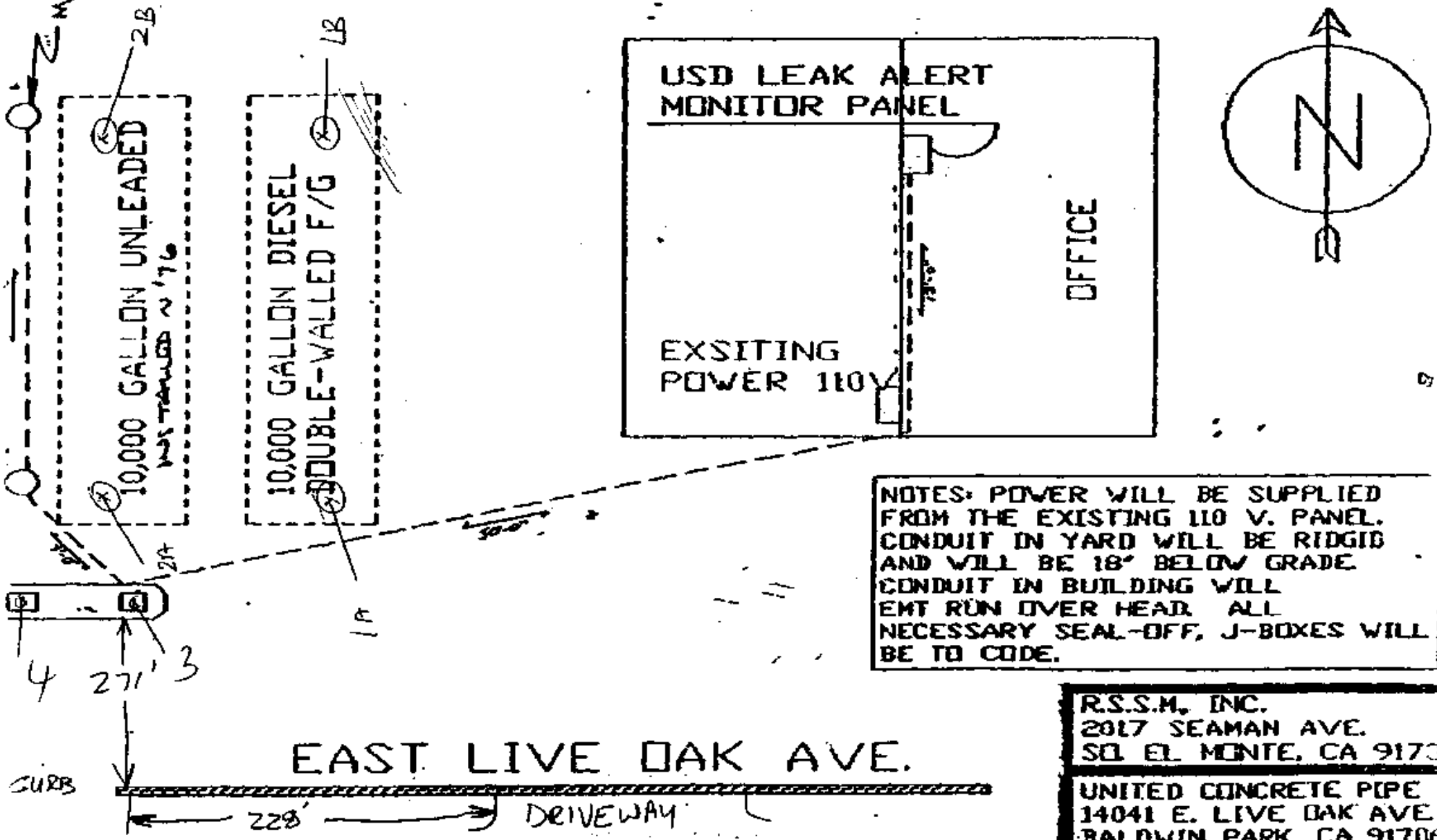
11. Any observations of site contamination.

12. Remedial action plan to mitigate contamination.

13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

Signature John A Edwards Date 3-21-91

ld4/CRR



R.S.S.H. INC.
2017 SEAMAN AVE.
SO. EL MONTE, CA 917

UNITED CONCRETE PIPE
14041 E. LIVE OAK AVE.
BALDWIN PARK, CA 9170

Attachment B

Documentation of Removal, Certification and Proper Disposal of Tanks

FIRE DEPARTMENT
FIRE PREVENTION DIVISION

TANK REMOVAL VERIFICATION AND SITE LOG

GENERAL INFORMATION

Date 4/23/91 Permit # 7963 B

Tank Location 14041 E. LIVE OAK, IRWINDALE

Name of Contractor J. D. EDWARDS

Contractor State License # 324262 Telephone # 818/303-8775

TANK STABILIZATION

	Time Complete	Contractors Signature
1. Remaining Liquid Removed Through Product Lines	N/A • No Product Lines • Directfill	[signature]
2. Dry Ice Added (15#/1,000 gal., attach receipt)	1:30 PM	[signature]
3. Date Gas Analyzer Last Tested (no more than 3 months old)	4/3/91	[signature]
4. L. E. L. and O2 Level Readings	LO2 0% O2 21%	[signature]

EXCAVATION

Continuous monitoring of vapor concentrations around the excavation site is required, log readings below every 30 minutes.

Reading	Time	Signature
NONE DETECTED	6:00	John Edwards
" " " "	6:30	[signature]
" " " "	7:00	
" " " "	7:30	

CERTIFICATION

Tank Identification # _____ EPA I.D. # LA 000 3986718

Tank Size 2-10000 GAL 1 GAS 1 DIESEL Tank Type 1 STEEL 1 FIBERGLASS

Tank Cleaned By Nieto & Sons Signature [signature]

CERTIFIED INDUSTRIAL HYGIENIST OR CERTIFIED MARINE CHEMIST - ATTACH BUSINESS CARD

Name Stuart Stalot

Time Certified 1:15 PM 4/23/91 Signature [signature]

TRANSPORT - ATTACH COPY OF TRANSPORTATION MANIFEST

Tank Transported By _____ To AMR

NIETO & SONS TRUCKING, INC.

N.A.S.I., INC.

1281 Brea Canyon Road • Brea, CA 92621
Mail Address: P.O. Box 8111 • Anaheim, CA 92802
Telephone: 714/635-2309 (24 Hours) • 714/990-6855 (Yard)

(1)

DT 5279

JOB DATE 4/23/91 Tuesday

COMPANY SOLD TO:	ORDER DATE	ORDER TIME	P.O. NUMBER
D. D. Edwards Co.	/ /		
CONTACT / TELEPHONE	ORDERED BY / TELEPHONE		
	LA County		
ADDRESS: 115 E. Clark St. Arcadia 91006	LEASE / JOBSITE: 14010 Live Oak Ave. Irwindale		

DRIVER	SWAMPER	TRUCK NO.	TRAILER NO.	START TIME	HOURLY RATE
Lonnie Rodrigues	Salcedo	209	189	6AM	$

DESCRIPTION OF WORK REQUESTED

1-10K gas 1-10K diesel (one is Fiberglass)
Suck & Haul Tank. There 7AM TCE=315*
Sludge to be Hauled by YDE.
Sludge by Western by YDE. There 9AM
Chemist by NASE CTL There 1130AM Cnfd YKN

DRIVER'S TIME REPORT

DATE	YARD DEPART	JOB ARRIVE	JOB DEPART	DUMP SITE ARRIVE	DUMP SITE DEPART	YARD ARRIVE	LUNCH	TOTAL HOURS
4/23/91	6AM	7:00	1:35					

WORK PERFORMED

MANIFEST # 9032034 GALLONS: 1600 SOLIDS %: 20 % SLUDGE

WASTE OIL WAS 3-K WITH 2½ FT. AND 1 FT. OF THAT SLUDGE. CUT TWO WINDOWS IN IT TO WASH. OIL WAS THICK WASHED TANK FROM 7AM - 10:30. 2-10K TANKS AND SMALL AMOUNT OF SOLIDS.

TRUCK WASHED OUT	LUNCH TAKEN	TOTAL HOURS CHARGED	HOURLY RATE	TOTAL CHARGES
			$	$

DRIVER SIGNATURE	TRUCK NUMBER	CUSTOMER SIGNATURE	DATE
	209	X	4/23/91

*** 24 HOUR SERVICE ***

CUSTOMER COPY

Form Approved OMB No. 2050-0039 (Expires 9-30-91) T 7/1/1
Please print or type. Form designed for use on elite (12-pitch typewriter).

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CA000328671 8 | Manifest Document No.: 240034
2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: United Concrete Pipe, 11715 Clark St. Arcadia, Ca. 91006
4. Generator's Phone (818) 303-8775

A. State Manifest Document Number: 90321034
B. State Generator's ID:

5. Transporter 1 Company Name: NIETO AND SONS TRUCKING
6. US EPA ID Number: CAT080016116
C. State Transporter's ID: 114024
D. Transporter's Phone: 714-990-6855

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: DEMENNO KERDOON, 2000 N. ALAMEDA, COMPTON, CA 90222
10. US EPA ID Number: CAT080013352
G. State Facility's ID: CAT080013352
H. Facility's Phone: 213-537-7100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON RCRA HAZARDOUS WASTE LIQUID	001	TT	-1600	C	State 241 / EPA/Other EXEMPT
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: NO SMOKING, GLOVES / GOGGLES, EMERGENCY TELEPHONE # (714) 990-6855. Site Fed: 14010 Live Oak Avenue, Irwindale

K. Handling Codes for Wastes Listed Above: a. R-O

15. Special Handling Instructions and Additional Information:
PETROLEUM RECYCLERS CAT080011059, 1835 E. 29th STREET 213-595-7421, SIGNAL HILL, CA 90806
GIBSON OIL REFINERY CAD980883177, COMMERCIAL DRIVE 805-327-0413, BAKERSFIELD, CA 93308

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: FOR GENERATOR [signature] DEAN KRAMER | Signature: [signature] | Month Day Year: 04 29 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [signature] | Signature: [signature] | Month Day Year: 04 29 91

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: James P. Atco | Signature: [signature] | Month Day Year: 04 29 91

Do Not Write Below This Line

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR / TRANSPORTER / FACILITY

OHS 8022 A
EPA 8700-22
(Rev. 6-89) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

C/WC5597

Certificate of Treatment/Recycling

ISSUED TO

United Concrete Pipe

FOR

MANIFEST NUMBER 90321034 DATE RECEIVED 4-29-91

The aqueous waste received on the above manifest will be treated to standards mandated by the FEDERAL CLEAN WATER ACT and to effluent requirements established by the Sanitation Districts of Los Angeles County. Waste treatment and recycling is performed under permits granted to DeMENNO/KERDOON, a California corporation, by the California Department of Health Services, in coordination with the Environmental Protection Agency, in accordance with the provisions of the Resource Conservation and Recovery Act (RCRA) of 1976, together with applicable federal and state regulations including but not limited to waste discharge requirements established by the Sanitation Districts of Los Angeles County.

When the above described waste material is accepted by DeMENNO/KERDOON and treated/recycled and the aqueous phase discharged for further treatment by the Sanitation Districts, the certificate holder's responsibility for the waste material is eliminated under both RCRA and Proposition 65. Upon request, DeMENNO/KERDOON will issue this certificate that all waste material has been handled in accordance with applicable permits and the certificate holder's liability has been terminated.

DeMENNO/KERDOON

"Compliance Through Recycling"

By: Casey K. Yu 4-29-91
Date

Casey K. Yu, B.S., M.S.
Environmental Compliance Mgr.
Chief Chemist

2000 NORTH ALAMEDA STREET ☐ COMPTON ☐ CALIFORNIA ☐ 90222
(213) 537-7100 ☐ FACSIMILE (213) 639-2946

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Ave. #307
Harbor City, California 90710
(213) 530-5006

TANK REMOVAL CERTIFICATE #: 02410
Date: 4/23/91
Permit #: 7963B
Site: 14041 E LIVE OAK
IRWINDALE

TANK DESCRIPTION: FIBERGLASS GRN
TANK SIZE: 10000 GAL
ADDRESS OF TANK: SAME ABOVE
LOCATION OF TANK: CORNER OF PROP.

CLIENT: J. D. EDWARDS

TANK CONTENTS (if known):
DIESEL FUEL

TANK NUMBER (if any): (1)
761278

RESULTS OF TANK INSPECTION: LEL 0% 12:30 4/23/91

The tank described above has been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank and no visible contamination has been observed except as noted below:

EXCEPTION: NONE

The tank described above is approved for removal and transportation.

INSPECTED BY: _____

CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1433 & 1973)

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Ave. #307
Harbor City, California 90710
(213) 530-5006

TANK REMOVAL CERTIFICATE #: 02409
Date: 4/23/91
Permit #: 7963B
Site: 14041 E LIVE OAK
FAWNDALE

TANK DESCRIPTION: STEEL CYLN
TANK SIZE: 10000
ADDRESS OF TANK: SAME ABOVE
LOCATION OF TANK: CONTROL OF PROP.

CLIENT: J.O. EDWARDS

TANK CONTENTS (if known): GASOLINE (UNLEAD)

TANK NUMBER (if any): (2)
875403

RESULTS OF TANK INSPECTION: LEL 0% 1:15 PM 4/23/91

The tank described above has been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank and no visible contamination has been observed except as noted below:

EXCEPTION: NONE

The tank described above is approved for removal and transportation.

INSPECTED BY: _____

CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1433 & 1973)

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 36586

TANK DISPOSAL FORM

Date: 4-23 ,19 91
Job #
P. O. #

CONTRACTOR: J. D. EDWARDS
ADDRESS: 1171 Clark Av., Unit 110, Arcadia, CA 9100
JOB SITE: United Concrete Pipe
ADDRESS: 14041 E. Live Oak, Irwindale, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY	LIC NO

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

TANK #8751403 – 10,000 Steel
TANK #7612178 – 10,000 Fiberglass

✓	Services Rendered	Cost
___	Disposal Fee	200.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	300.00
___	Fiberglass Tank Disposal Fee Per Tank	400.00
1	Fiberglass Tank Delivered	200.00
___	Bobtail Disposal Fee	250.00
___	Cancellation Fee	250.00
	TOTAL CHARGES	$200

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F* S*	NET TONS	TOTAL
	500		.14	
	800		.21	
	950		.24	
	1000 - 12 ft.		.44	
	1000 - 8 ft.		.51	
	1500		.67	
1	2000	S	.97	.97
	2500		1.14	
	3000		1.32	
	4000		1.64	
	5000		2.42	
	6000		2.64	
	7500		3.36	
	8000		3.44	
	9000		3.82	
11	10000	S	4.33	4.33
	12000		4.93	

NO. OF TANKS: 3
TOTAL NET TONS: 5.30
•F 1 FIBERGLASS
•S 2 STEEL 10S

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP.

4-23-91
DATE

CONTRACTOR COPY

Attachment C

Laboratory Reports and
Chain-of-Custody Forms

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

RECEIVED
MAY - 1 1991

April 30, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18399 A

LABORATORY REPORT

Samples Received: Six (6) Soil Samples
Date Received: 4-23-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Six (6) soils	Volatile Aromatics by EPA 8020	Data Sheets

B. Michael Hovanec
Senior Staff Chemist

for D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE
Dr. Alistaire Callender

Job # 18399
April 30, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
1A	ND
1B	186
~~2A-1~~	~~40,000~~ N/A to PERMIT 7963 (SEE PERMIT 8058)
~~2A-2~~	~~40,000~~ " " " " " "
Detection Limit	10

ND - Not Detected

Date Analyzed: 4-26-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
2A	ND	ND	ND	ND	ND
2B	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Date Analyzed: 4-24-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	2	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	79	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: 1A
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	1	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 1B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	1	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	107	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 2A
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	4 B	1

Surrogate Percent Recovery: 80

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 2B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1

Surrogate Percent Recovery: 83

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 4/12/91

PROJECT NAME: VCP - Remediation

PROJECT NO.: 904N217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1A U	" 1	↓	↓	↓	↓	↓	418.1 8020
1B U	" 1	↓	↓	↓	↓	↓	418.1 8020
2A U	" 2	↓	↓	↓	↓	↓	8015 8020
2B U	" 2	↓	↓	↓	↓	↓	8015 8020

N/A TO PERMIT 7863 (SEE BO

Total Number of Samples Shipped: 1

Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature: [illegible] Printed Name: [illegible] Company: [illegible] Reason: [illegible]	Signature: R Northington Printed Name: R Northington Company: WAS, INC. 18899	Date: 4/23/91 Time: 3:11 pm
Relinquished By: Signature: Printed Name: Company: Reason:	Received By: Signature: Printed Name: Company:	Date: / / Time:
Relinquished By: Signature: Printed Name: Company: Reason:	Received By: Signature: Printed Name: Company:	Date: / / Time:
Relinquished By: Signature: Printed Name: Company: Reason:	Received By: Signature: Printed Name: Company:	Date: / / Time:

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

LA/OR-0183-421

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

May 9, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18479 A

LABORATORY REPORT

Samples Received: Nine (9) Soil Samples
Date Received: 5-3-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Two (2) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Two (2) soils	Volatile Aromatics by EPA 8020	Data Sheets
Three (3) soils	Volatile Organics by EPA 8260	Data Sheets
Three (3) soils	Surrogate Percent Recoveries for EPA 8260	Data Sheet

B. Michael Hovanec
Senior Staff Chemist

Michael Shelton
Technical Director

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE
Dr. Alistaire Callender

Job # 18479
May 9, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
T-20A	ND
T-25A	ND
Detection Limit	10

ND - Not Detected

Date Analyzed: 5-6-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

N/A To Tank Permit

Sample No.	C_5-C_{10} Gasoline	C_8-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
7A	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Sample ID	C_5-C_{20} Hydrocarbons	C_{20}-C_{30} Heavy Hydrocarbons
18A	120	110
Detection Limit	10	100

Cannot positively identify.

ND-Not Detected
Date Analyzed: 5-6-91

WEAS

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18479
Date Analyzed: 06-May-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18479
Date Analyzed: 06-May-91
Analysis: EPA 602 (8020)

Sample: T-20B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	1	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2 B	1
Total Xylenes	5 B	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	T-25B
Job No:	18479		
Date		Matrix:	Soil
Analyzed:	06-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2 B	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	76	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 5/13/11

PROJECT NAME: UCF-Remediation

PROJECT NO.: 904W217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] tube	ice	none	[illegible]
[illegible]	↓	↓	[illegible]				[illegible]
[illegible]	↓	↓	↓				[illegible]
[illegible]	↓	↓	↓				[illegible]
2A	[illegible]						[illegible]
7A	[illegible]						2015
7[illegible]							8240
1[illegible]							2015
[illegible]							8240
							[illegible]

Total Number of Samples Shipped: 9 | Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature [illegible] Printed Name [illegible] Company [illegible] Reason [illegible]	Signature April Richard Printed Name April Richards Company WCAS 618479	Date 5/13/11 Time 2:40 pm
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time

Special Shipment / Handling / Storage Requirements:

Please call Alistair Calendar before proceeding

Rush!

* Note – This does not constitute authorization to proceed with analysis

LA/OR–0183–421

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

May 10, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18517 A

LABORATORY REPORT

Samples Received: Eight (8) Soil Samples
Date Received: 5-9-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Four (4) soils	Volatile Aromatics by EPA 8020	Data Sheets

Michael Shelton
Technical Director

D. B. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 18517
May 10, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
1B-E1	ND
1B-N1	ND
1B-S1	ND
1B-W1	ND
Detection Limit	10

ND - Not Detected

Date Analyzed: 5-10-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 09-May-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 09-May-91
Analysis: EPA 602 (8020)

Sample: 1B-E1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	90	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	1B-N1
Job No:	18517		
Date		Matrix:	Soil
Analyzed:	10-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	1B-S1
Job No:	18517		
Date		Matrix:	Soil
Analyzed:	10-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	86	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	1B-W1
Job No:	18517		
Date		Matrix:	Soil
Analyzed:	10-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 5/9/91

PROJECT NAME: UCP Remediation

PROJECT NO.: 9E-W217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
1B-W1	[illegible]	[illegible]	grab	[illegible]	[illegible]	[illegible]	[illegible]
1B-W2	↓	↓	↓	↓	↓	↓	↓
1B-E1	↓	↓	↓	↓	↓	↓	↓
1B-E2	↓	↓	↓	↓	↓	↓	↓
1B-N1	↓	↓	↓	↓	↓	↓	↓
1B-N2	↓	↓	↓	↓	↓	↓	↓
1B-S1	↓	↓	↓	↓	↓	↓	↓
1B-S2	↓	↓	↓	↓	↓	↓	↓

Total Number of Samples Shipped: 8 | Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature [illegible] Printed Name [illegible] Company WCC Reason [illegible]	Signature [illegible] Printed Name [illegible] Company WCAS 618517	Date 5/9/91 Time 11:35
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time

Special Shipment / Handling / Storage Requirements:

[illegible]

* Note — This does not constitute authorization to proceed with analysis

P02

APPENDIX C

HEALTH AND SAFETY PLAN

HEALTH AND SAFETY PLAN

FORMER HUGHES MARKET
14041 EAST LIVE OAK AVENUE
IRWINDALE, CALIFORNIA

Prepared for
T A Realty Associates and
Ralphs Grocery Company

August 11, 2000

URS

2020 East First Street, Suite 400
Santa Ana, California 92705
57D0070039.01

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PROJECT IDENTIFICATION AND APPROVALS

Project Name:	Hughes Market Facility
Project Number:	57D0070039.01 02000
Business Unit:	Santa Ana, California
Project Manager:	Jeff Reardon
Date of Issue:	August 10, 2000
Effective Dates:	August 10, 2000 through December 31, 2000

Approvals:

Project Manager
Jeff Reardon

Date: Aug 11, 2000

Santa Ana Health and Safety Manager
Ronald A Miller

Date: Aug 9 2000

Regional Health and Safety Manager
Ron Miller

Date: Aug 9 2000

This Health and Safety Plan (HSP) presents health and safety requirements and guidelines for performance of work at the Project site in the city of Irwindale. California. It is in compliance with applicable sections of 29 CFR 1910.120 and was prepared for exclusive use by employees of URS Corporation and its subcontractors. This Health and Safety Plan (HSP) shall not be used for work other than that described herein; nor shall it be modified or used after the expiration date without written approval by the Project Manager (PM) and the Health and Safety manager (HSM). In addition. firms or persons not under contract to URS Corporation without shall not use this HSP written approval. This HSP is not valid unless it is signed and dated by the PM, the HSM, and the Regional HSO (RHSM).

Subcontractors may use their own HSPs if such a provision is contained in a written agreement with URS Corporation. General health and safety requirements prepared by subcontractors must be as stringent as those contained in this Health and Safety Plan.

The PM has overall responsibility for implementing this HSP. The Site Health and Safety Officer (SSO) reports to the PM, directs day-to-day health and safety activities in the field, and must be present at the work site whenever work is being performed at the site by employees of URS Corporation or its subcontractors. The HSM and RHSM are responsible for advising the PM and SSO on health and safety matters and monitoring compliance. The PM, SSO, HSM, and RHSM have the authority to suspend work when the health and safety of field personnel or the public is threatened and to remove individuals from the site for engaging in activities that jeopardize the health and/or safety of themselves or others.

This plan is for use in conjunction with URS Corporation's and each subcontractor's Health & Safety Manual or the Illness & Injury Prevention Program (IIPP) provisions for onsite employees.

This section discusses the responsibility for the Project Manager (PM), Health and Safety Manager (HSM), Site Safety Officer (SSO), Drilling Site Manager (DSM), and other site personnel. URS Corporation site personnel intend this plan for use only. Each contractor and subcontractor will be responsible for the safe and healthful performance of work by each of its employees and support personnel who may enter the exclusion zone.

2.1 PROJECT MANAGER (PM)

The PM has the responsibility of implementing this HSP. The PM needs to comply with applicable regulations and ensure that the operations and procedures proceed according to the Health and Safety Plan. The PM has the authority to suspend work when the health and safety of field personnel or the public is threatened. The PM and the HSM also have the authority to remove individuals from the site for engaging in activities that jeopardize the health and/or safety of themselves and/or others.

The Site Safety Officer (SSO) reports directly to the PM and keeps them abreast of the daily activities. The PM has overall responsibility for site health and safety. The SSO is responsible for assisting the PM in carrying out the health and safety requirements detailed in this plan.

2.2 REGIONAL HEALTH AND SAFETY MANAGER (RHSM)

The RHSM shall be responsible for the following:

- Direct the implementation of the Health and Safety Program of the operating group and provide recommendations for improvement of the program.
- Coordinate health and safety activities of the business unit offices in the operating group.
- Determine need for project Health and Safety Plans.
- Review and approve Health and Safety Plans.
- Direct changes in personnel work practices to improve health and safety of employees involved in hazardous waste management projects.
- Remove individuals from projects if their conduct jeopardizes their health and safety or that of co-workers.
- Suspend work on any project which jeopardizes the health and safety of personnel involved.

2.3 HEALTH AND SAFETY MANAGER (HSM)

The Health and Safety Manager (HSM) has responsibility for writing the Health and Safety Plan (HSP) and ensuring that all employees designated to work at the site in the exclusion zone, understand its content and application. The HSM ensures that all employees designated to work within the exclusion zone have participated in the 40 hour hazardous waste training course and have received medical clearance.

The HSM shall be responsible for the following:

- Advising the SSO and PM on health and safety matters as well as monitoring compliance. The HSM shall serve as a source of information on safety and occupational health for the SSO.
- Recommending methods of minimizing work site hazards to the degree necessary to create a safe and healthful work site.
- Investigating work-related injuries or illnesses and recommend corrective action.
- The HSM has the authority to suspend work when the work site contains hazards which threatens the health and/or safety of field personnel or the public. The HSM may also remove individuals from the site for engaging in activities that jeopardize themselves and/or others.

2.4 SITE SAFETY OFFICER (SSO)

The SSO will perform the following functions:

- Meet with the HSM prior to monitoring field activities to discuss the requirements of this HSP.
- Inspect equipment, machines, tools, the use of chemicals, substances or mixtures, work procedures, and work sites to identify potential hazards and maintain a documentation file of safety inspections.
- Provide technical assistance and conduct safety meetings to personnel working at the site on the safe and healthful use of chemicals, hazardous substances, and mixtures used at the work site.
- Maintain a field logbook which includes such items as working hours, names of people entering and leaving the site, instrument status, background readings, action levels reached or exceeded, and all other information relevant to health and safety at the site.
- Document and keep copies of initial and subsequent accident and injury reports for review and analysis by the Health and Safety Manager (HSM).
- Complete and return all information sheets to the HSM no later than one week after work activities at the site begin. This includes the Compliance Agreement Signature Sheet, the Acknowledgment Signature Sheet and the Safety Completion Form.

- Direct day-to-day health and safety activities in the field. The SSO must be present at the work site whenever work is being performed. The HSM is responsible for advising the PM and SSO on health and safety matters and monitoring compliance.
- Provide personal monitoring to URS Corporation personnel working at the site and environmental monitoring as needed.
- Implement the Health and Safety Plan (HSP) and enforce its guidelines.
- The SSO has the authority to advise the supervisor to halt an operation when work hazards are encountered. The SSO also has the authority to advise the dismissal of work site personnel that do not adhere to this plan.
- Maintain a list of addresses and telephone numbers of emergency assistance units (ambulance service, police, and hospitals), and will inform other members of the field team of the existence and location of this list.

2.5 DRILLING SITE MANAGER (DSM)

The supervisor for the drilling operations and procedures shall assume the role of Drilling Site Manager (DSM). The DSM retains overall site authority, except in the event of personnel exposure to contaminants. The DSM ensures safety meetings are conducted by the SSO, implement standard operating procedures for drilling operations and works with the SSO on site to implement this HSP. The DSM shall be responsible for the following:

- Inspect the work site with the SSO before work begins and periodically throughout the workday to identify predictable hazards and safeguards necessary for employee protection.
- Instruct employees on their responsibilities in the area of safety and occupational health.
- The DSM is responsible for implementing the Accident Prevention Program in their area of supervision and is also responsible for employee actions at work. Serious incidents or injuries must be reported to the SSO immediately.
- Give instructions on hazards and safety precautions to new employees when they are first employed. The DSM, or designated representative such as the SSO, must instruct employees in recognizing the hazards of the job and the methods and means to avoid injury and illness.
- The DSM shall not permit employees to work in an unsafe place unless for the purpose of making it safe and then only after proper precautions have been taken to protect employees while doing the work.
- Require employees to use safety devices and personal protective equipment when necessary.
- Allow only those employees qualified by training or experience to operate equipment, machines, vehicles or tools.
- Report safety deficiencies and hazards to management and the SSO.

There could be buried electrical and/or telephone transmission lines present at the site. The DSM shall contact Underground Service Alert at (800) 422-4133 three days prior to field work

commencing in order to locate all buried cables and utilities. The following information will be requested from Underground Storage Alert:

- County or city the operation will occur in;
- Address and cross-streets for each operation;
- Thomas Guide reference;
- Specific date and time the operation will begin;
- The foreman in charge of the operation;
- Permit number to break ground;
- Any special instructions;
- Type of work to be done;
- Who the work is being done for and by whom.

2.6 SITE PERSONNEL

Site personnel shall perform well development, drilling operations, work in or around the exclusion zone, and observe all applicable guidelines in this HSP. The site personnel shall be responsible for the following:

- Report work-related injuries or illnesses to their supervisors immediately, regardless of severity.
- Use personal protective equipment and safety devices which have been provided for use in performing work assignments, and replace or repair defective equipment items and parts.
- Report defective equipment immediately to the supervisor, such as a safeguard or safety device which is not operational or is missing.
- Report unsafe or dangerous conditions in the work site to the supervisor.
- Follow the HSP guidelines in addition to the supervisor's standard operating procedures for drilling operations.
- Conduct self in a professional and responsible manner while at the work site.

2.7 RESPONSIBLE INDIVIDUALS

Project Manager:	Jeff Reardon
Drilling Site Managers:	Mike Makerov
Site Safety Manager (SSM):	Mike Makerov
Health and Safety manager (HSM):	Ronald Miller
Regional Health and Safety Manager:	Ron Miller

Other authorized URS Corporation personnel for the former Hughes Market Facility Project site are:

- Taras Kruk
-

All other personnel that maintain current with the medical surveillance program and health and safety training requirements (40-hour, and 8-hour refresher qualified) are authorized for site work in the event that the aforementioned individuals are unavailable. Precision Sampling field personnel are the authorized subcontractor allowed on-site.

All personnel arriving or departing the site should log in and out with the SSO. All activities on site must be cleared through the PM.

Site personnel must obtain health and safety clearances before beginning work at the site. To obtain clearance, the individual must have: (1) been certified within the past 12 months by an occupational physician as being physically fit to wear respiratory protective devices and to work with hazardous chemical substances, (2) successfully completed a 40-hour basic health and safety training course, and (3) passed a respirator fit test with amyl nitrite and/or irritant smoke as indicators. Site managers and supervisors must have successfully completed an 8-hour manager's health and safety course in addition to all other clearance requirements.

URS Corporation subcontractor employees must also have similar medical, training, and respirator fit clearances and may be required to provide proof of clearance before beginning work.

The names of all URS Corporation employees that perform work at the site must be recorded and the records will be maintained in the health and safety file of the project administration office.

The SSO or the PM will provide a copy of the Compliance Agreement to the HSM within 1 week of the initiation of field tasks.

All personnel who enter the exclusion zone must be trained to understand the potential health and safety hazards associated with their tasks. In accordance with OSHA 29 CFR 1910.120, all personnel will have received a minimum of 40 hours of initial instruction prior to entering the exclusion zone, and minimum of 3 days of field experience under the direct supervision of a competent person.

3.1 SAFETY BRIEFING

Before on-site work commences, all URS Corporation employees and subcontractor employees assigned to work in the exclusion zone must be briefed by the SSO or the HSM on the site-specific health and safety requirements contained in this plan. The health and safety officer giving the briefing should test the workers knowledge and understanding of the provision of this HSP and shall not allow anyone who does not appear to understand the provisions perform work in exclusion areas. The dates of briefing sessions and attendees must be recorded and the records maintained in the health and safety file of the project administration office. Area safety orientation/training meetings must be convened: 1) before the field work begins on a weekly basis, 2) when there are modifications to the Health and Safety Plan that are applicable to field personnel or 3) when additional personnel begin field work. Those workers involved in carrying out the project and who will be affected by changes being implemented will attend the meetings. The meeting agenda should include the following items as appropriate:

- A review of the plan.
- Verification of medical and safety training.

- Distribution of modifications to the plan.
- Signatures of all in attendance, acknowledging receipt and understanding of the plan and the compliance agreement.

The Compliance Agreement will be signed on the first day of field work prior to start-up. **The SSO or the PM will provide a copy of the Compliance Agreement to the HSO within 1 week of the initial of field tasks.** The Compliance Agreement and all other Health and Safety Forms are provided in Appendix A. Safety meetings should be held every morning thereafter to discuss possible safety hazards for field operations.

3.2 DISTRIBUTION OF THE HEALTH AND SAFETY PLAN

A copy of this HSP must be provided to each employee assigned to work at the site, as well as to an authorized representative of each firm contracted by URS Corporation to perform work on site, before any work begins. Individuals assigned to work at the site must acknowledge receipt of the plan and agree to comply with its provisions in writing.

The following records will be maintained on-site by the SSO, and copies will be sent to the HSM:

- A list of personnel qualified to work, according to the compliance statement.
- A signature sign-in sheet of all personnel entering and exiting the exclusion zone.
- This Health and Safety Plan with compliance agreements.
- Copies of Hazardous Waste Operation Training Certificates.
- Copies of medical clearance letters and all other medical monitoring performed such as heat stress monitoring.
- Exposure monitoring data from the direct reading instruments.

This HSP will remain on-site. All personnel at the site will know its location and it will be available for inspection at any time.

3.3 INCIDENT REPORTING

Injuries, exposures, illnesses, safety infractions, and other incidences specified in this Health and Safety Manual must be reported to the HSM within 24 hours of occurrence, or immediately if a hospitalization or fatality is involved. In the event of an accident/incident an Incident Investigation form will be completed and provided to the HSM within 2 working days.

An incident is any event listed below:

- Illness resulting from chemical exposure or unknown causes.

- Physical injury, including those that do not require medical attention.
- Fire, explosions, and flashes resulting from activities performed by URS Corporation and/or their subcontractors.
- Property damage resulting from activities performed by URS Corporation and/or their subcontractors.
- Vehicular accidents occurring on-site or while traveling to and from sites.
- Infractions of safety rules and requirements.
- Unexpected chemical exposures (indicated by irritation of eyes, nose, throat or skin).

Work will be suspended to correct the cause of the accident/incident and to modify this plan as necessary.

3.4 SAFETY COMPLETION REPORT

Upon completion of the work covered by this plan, a Safety Completion Report must be submitted to the HSO within 5 working days. The report should include a critical evaluation of this HSP and all approved notifications, names, and affiliations of individuals who worked at the site, exposure monitoring data with monitoring dates and decisions made, summary of incidences and action taken, if any, and recommendations for improving health and safety at similar sites.

3.5 VISITOR CLEARANCES

Visitors will not be allowed within 25 feet of intrusive work, unless they comply with the safety requirements of this plan. Barrier tape will be used to delineate the exclusion zone where visitors are not allowed to enter.

3.6 POSTING REQUIREMENTS

The following information shall be posted or readily available on site:

- Public notification.
- OSHA poster.
- Proposition 65 notification.
- Emergency phone numbers.
- Directions to the nearest hospital.
- URS Corporation's Health and Safety Manual including the Illness and Injury Prevention Program.
- This Site Safety Plan.

4.1 SITE DESCRIPTION

The former Hughes Market facility is located at 14041 East Live Oak Avenue in Irwindale, California. The site was formerly part of a larger 74-acre parcel (14041 east Live Oak Avenue) that was owned and occupied by united Concrete Pipe (UCP). Ralph's Market acquired Hughes Markets and the property is now considered excess and is in the process of being sold.

The property is located east of the San Gabriel River Channel and south of the Santa Fe Dam. Rivergrade Road borders the subject property to the north northwest, to the northeast by Arrow Highway, a vacant lot to the east and south by Live Oak Avenue. The property is developed with a 2-story vacant office building, asphalt, asphalt parking lots, concrete sidewalks, and landscaped with grass, shrubs, and trees.

4.2 SCOPE OF WORK

The following scope of work will be performed at the former Hughes Market facility:

- Conduct site geophysical survey to verify utilities clearance before beginning the intrusive investigation.
- Supervise removal and re-construction of interior room walls by licensed contractor in order to provide access for drilling operations. Saw cut the concrete floor of the building were the drilling locations would be located.
- Advance five soil borings to 40 bgs in the locations of the former gasoline dispenser island and USTs to collect soil samples at 5-foot intervals for analytical testing.
- Backfill the borings with Rehydrated bentonite chips to 6" from surface then cover with concrete patch.

The exposure limits of the primary chemicals of concern are as follows:

	PEL/TLV (ppm)	STEL (ppm)
Carbon Monoxide	25	400
Ethylbenzene	100	100
Benzene *	1	5
Toluene	50	150
Methyl-tertiary-butyl ether (MTBE)		
Xylene	100	100
Petroleum Hydrocarbons†	300	500

Note: * Chemicals known to the State of California to cause cancer or reproductive harm

† Petroleum Hydrocarbons PEL and STEL as gasoline.

Permissible Exposure Levels (PELs) are CAL-OSHA permissible exposure limits for airborne concentrations of toxic substances measured as an 8-hour time weighted-average (TWA). The CAL-OSHA PEL's are the recognized levels to which the monitoring at the site will adhere to. Short Term Exposure Levels (STELs) are CAL-OSHA short-term exposure limits measured as a 15-minute TWA. CAL-OSHA requires that controls be implemented when employee exposure exceeds these limits. If contaminant levels listed in the table above exceed the project action levels, control measures, such as intrinsically safe fans or respirators, will be implemented.

Due to the chemicals suspected of being on-site, URS Corporation has established action levels of 5, 25 and 100 ppm.

If a reading of 5 ppm above background registers on the OVA in the breathing zone (2 to 5 feet from the ground surface), the breathing zone will be analyzed for Benzene with Draeger Tubes. Continue monitoring with Draeger Tubes. If a reading of 25 ppm registers on the OVA, employees will upgrade to full-face respirators with organic/HEPA filter cartridges. If the Benzene concentration is 10 ppm, workers will upgrade to Level B. If a reading of 25 ppm registers on the CGI for CO, workers will upgrade to Level B. If a reading of 100 ppm is obtained on the OVA or 500 on the CGI for CO, work will be stop work, the area will be evacuated, and the HSO will be informed immediately.

5.1 CARBON MONOXIDE (CO)

Carbon monoxide is a colorless, odorless gas. Carbon monoxide can affect the body if it is inhaled or if liquid carbon monoxide comes in contact with the eyes or skin. Exposure to carbon monoxide decreases the ability of the blood to carry oxygen to the tissues. Inhalation of carbon monoxide may cause headache, nausea, dizziness, weakness, rapid breathing, unconsciousness, and death. High concentrations may be rapidly fatal without producing significant warning symptoms. Exposure to this gas may aggravate heart disease and artery disease and may cause chest pain in those with pre-existing heart conditions. Pregnant women are more susceptible to the effects of carbon monoxide exposure. The effects are also more severe in people who are working hard and in people who are working in places where the temperature is high or at altitudes above 2,000 feet. Skin exposure to liquid carbon monoxide may cause frostbite-type burns.

CO gas causes tissue hypoxia by preventing the blood from carrying sufficient oxygen. With exposure to high concentrations such as 4,000 ppm and above, transient weakness and dizziness may be the only premonitory warnings before coma supervenes. The most common early sign of severe exposure is cerebral edema. Exposure to concentrations of 500 to 1,000 ppm causes the development of headaches, tachypnea (rapid breathing), nausea, weakness, dizziness, mental confusion, and in some instances, hallucinations, which may result in brain damage.

5.2 BENZENE

Benzene is a clear, volatile, colorless, highly flammable liquid with a characteristic aromatic odor. Benzene is a constituent of motor oils and is used as a solvent. It is a human carcinogen with evidence indicating it causes leukemia. Acute exposure may cause central nervous system (CNS) depression. Symptoms may include headaches, dizziness, nausea, convulsions, coma and even death. The Federal and Cal-OSHA standard for benzene is 1 ppm with a 5 ppm short-term exposure limit (STEL). The American Conference of Governmental Industrial Hygienists (ACGIH) recommends a Threshold Limit Value (TLV) of 10 ppm. The Immediately Dangerous to Life and Health (IDLH) level is 500 ppm. The odor threshold for benzene in air is 12 ppm and in water is 0.17 ppm. Route of exposure is usually inhalation, and the symptoms are dizziness, vomiting, nausea, aplastic anemia and ventricular fibrillation.

5.3 ETHYLBENZENE

Ethyl benzene is a colorless, flammable liquid with an aromatic odor. This compound is employed as a solvent and as an intermediate in the production of styrene. Ethyl benzene is also found in automotive or aviation gasoline. Significant amounts of ethyl benzene are also found in mixed xylenes which are used as diluents for paint.

Ethyl benzene toxicity is characterized by its irritancy to the skin, and less markedly, to the mucous membranes. Ethyl benzene is the most sever skin irritant of the benzene series. Symptoms resulting from exposure may include irritation of the eyes, headaches, dermatitis, narcosis and coma.

At 1,000 ppm, ethyl benzene causes distinctive eye irritation and tearing, but tolerance develops rapidly; and at 200 ppm, the vapor has a transient irritant effect on human eyes. No systemic effects are expected at levels producing distinctively disagreeable skin and eye irritation.

Ethyl benzene is incompatible with strong oxidizers and can be a dangerous fire hazard. It has a lower explosive limit of 1.0 percent and an upper explosive limit of 6.7 percent. The odor threshold for ethyl benzene in air is 2.3 ppm and in water is 0.029 ppm.

5.4 TOLUENE

Toluene (toluol, methyl benzene) is used as constituent in the formulation of automotive and aviation fuels. Toluene is a colorless liquid with an aromatic odor. It is flammable by standard tests in air and is not soluble in water. The major response to toluene at high concentrations is depression of the central nervous system. Olfactory fatigue occurs rapidly upon exposure. Eye irritation occurs around 300 to 400 ppm. The lower explosive limit is 1.3 percent and the upper limit is 7.1 percent. The ACGIH recommended TLV for an 8-hour exposure is 50 ppm.

5.5 XYLENE

Xylene is a clear flammable liquid with an aromatic odor. Commercial xylene is a mixture of the isomers; ortho-, meta- and para- xylene. Xylene mixtures may also contain ethyl benzene and toluene. Xylene is a solvent and a constituent of paint, lacquers, varnishes, cleaning fluids and aviation fuels.

Xylene vapors may cause irritation of the eyes, nose and throat. Skin contact may cause dermatitis. When inhaled at high concentrations the initial signs of exposure may include a flushing or reddening of the face and a feeling of increased body heat, owing to the dilation of the superficial blood vessels. In addition, there may be blurred vision, dizziness, tremors, staggering, drowsiness, salivation, cardiac stress, CNS depression, unconsciousness and eventually coma. Extremely high concentrations may cause pulmonary edema, anorexia, nausea, vomiting and abdominal pain. Pulmonary retention of xylene vapors in human subjects amounts to about 64 percent of the inhaled dose, xylene may also be absorbed through the skin and does not appear to be influenced by the application of barrier creams. Xylene is metabolized to methylhippuric acid which is excreted in the urine and can be used as a biologic indicator of exposure.

Xylene is incompatible with strong oxidizers and can be a dangerous fire hazard. It has a lower explosive limit of 1.1 percent and an upper limit of 7 percent. The odor threshold for xylene in air is about 1 ppm. The odor threshold for meta-xylene in air is 1.1 ppm and in water is 0.017 ppm.

5.6 PETROLEUM HYDROCARBONS

Petroleum hydrocarbons are not expected to be acutely toxic, but can be irritating to the skin. In general, some fuel oils have flash points of 100 degrees Fahrenheit, with auto-ignition temperatures of 494 degrees Fahrenheit. They are considered to be a moderate fire hazard when exposed to heat, flame or oxidizers. Many petroleum products are proven skin carcinogens in animals and could lead to the development of similar lesions in humans if allowed to remain on the skin for an extended period of time. Obviously, prolonged skin contact should be avoided.

Many of the industrially important aliphatic saturated hydrocarbons are found in earth gas or crude oil. Some family members are used and others are formed during combustion of fuels, by catalytic cracking, or in other specialized petrochemical processes. Paraffin mixtures are used extensively as fuels, refrigerants, propellants, pesticides, lubricants, solvents for paints, protective coatings, plastics, degreasing operations, and in purified form as food additives. The toxicity characteristics of the alkanes are minimal for the gases and solids, but are moderate for the liquid materials.

Cycloparaffins, also named cycloalkanes, belong to this chemical category. Cyclanes are extensively used to produce reformed aromatics. Some are utilized as inhalation anesthetics, and are synthesized in pure form by the reduction of dihalogenated propane precursors. The lower cycloparaffins are gases and have been used as anesthetics, especially cyclopropane. The higher members are liquids with narcotic properties. From C6 on, the margin between narcosis and death is very narrow and symptomatically barely recognizable. The alicyclics, in general, are CNS depressants with low acute and chronic toxicities. This is due to their rapid excretion in unchanged form or prompt conversion into water-soluble metabolites. Inhalation by humans at high concentrations may cause excitement, loss of equilibrium, stupor, and coma. Cycloparaffins are dermal irritants; they defat the skin to cause morphological changes and hypothermia.

5.7 METHYL-T-BUTYL ETHER (MTBE)

MTBE is among the top 50 chemicals produced in the United States. The primary use is as a gasoline additive to boost octane and improve combustion efficacy by "oxygenation." It is present in about 10 percent of the United States gasoline supply, primarily in unleaded premium brands. This percentage is expected to increase as leaded gasoline is phased out.

Ingestion of gasoline-MTBE mixtures may result in aspiration pneumonitis. Inhalatión of MTBE produces anesthesia in animals. Dizziness or suffocation may result following inhalation exposure. Contact with MTBE may irritate or burn skin and eyes. Although MTBE has been shown to be metabolized to methanol and formic acid in animal models. methanol or formic acid has only been detected in trace quantities in humans treated with MTBE for gallstone dissolution. MTBE is a mild eye irritant but otherwise is not very toxic in acute exposures. The effects of chronic exposure to MTBE are not well understood. The ACGIH recommended TLV for an 8-hour exposure is 40 ppm.

All subcontractors and operators are responsible for ensuring that their respective employees comply with all Federal, State, and/or local health and safety standards, laws, and rules. The SSO for URS Corporation will assist in these matters, but it is the responsibility of the subcontractors to ensure compliance.

6.1 DRILLING

URS Corporation will monitor the drilling activities and collect soil samples. Two 10-foot and two 15-foot borings will be drilled at the site. The primary hazards associated with drilling are listed below. The SSO will assess the hazards in the work zone and implement the appropriate procedures before work commences.

HAZARD	PRECAUTION
Chemical Exposure	Site Health and Safety Officer will monitor the breathing zone with an OVA and a Carbon Monoxide monitor
Physical Injury	Hard hats, safety glasses, and steel-toed boots will be worn at all times in the work zone. Good housekeeping and caution around the drill rig will be required
Underground or Aboveground Utilities and Structures	Underground Service Alert will be notified before subsurface intrusion occurs. Personnel will avoid work near overhead obstructions
Noise	Hearing protection shall be worn when noise levels are 85 decibels or greater

Refer to Standard Operating Procedure in the URS Corporation Health and Safety Manual and Appendix B for safety procedures during drilling operations.

Only trained operators are allowed to operate drilling equipment. All underground utilities must be located and cleared prior to drilling. Loose clothing should not be worn near moving machinery, augers, or other drilling equipment. Long hair should be tucked under hard hats or tied back.

Prior to raising or lowering the mast, the drilling must be sure that all persons are in sight. Ensure that the masts maintain at least a 10-foot clearance of electrical transmission lines at ALL times. In the event of an electrical storm, stop all drilling operations.

Drillers, tool pushers, supervisors, and persons in direct charge of crews in field operations should have a current certificate of first-aid training. There should be at least one employee with current certification.

6.1.1 Protective Measures for Drilling Operations

During drilling operations personnel within the work zone (25 feet) must wear steel-toed safety boots, Tyvek coveralls, hard hat, and safety goggles or glasses. The SSO must be present during drilling activities and will monitor the work area with the organic vapor analyzer (OVA). If readings exceed 100 ppm the area must be evacuated until vapor levels dissipate, or workers will upgrade to level B PPE, and the HSM must be notified. If unknown liquids are encountered, drilling must be halted.

The physical hazards associated with the project include fire, explosion, noise, heavy equipment operation, falling, tripping or contact with utility distribution lines.

7.1 NOISE

Working near drilling equipment or around heavy equipment can subject workers to excessive levels of noise. Ideally, personnel who do not need to be next to noisy equipment should stay as far away as possible to lower their risk to noise-induced hearing loss. Site personnel who must work next to this equipment will wear hearing protection such as ear plugs or muffs to reduce their exposure. Periodic noise monitoring may be conducted with the use of a sound level meter or a sound dosimeter. Equipment operators should be advised to wear hearing protection.

7.2 HEAVY EQUIPMENT

The rotating shafts associated with the drilling equipment compressors and moving parts of heavy equipment create pinch points which can cause serious injury. In all cases, rotating shafts or gears should be covered to prevent accidental contact. In some cases, where rotating parts cannot be adequately guarded, only experienced operators should be allowed to work around these rotating parts. Personnel who must work around rotating equipment should not wear loose fitting clothes that could become easily caught. Personnel operating the heavy equipment must be trained. Personnel should take extra precautions when working indoors or tight spaces with heavy equipment (i.e., bobcats) because of limited escape distance.

The primary hazard around heavy equipment is the lack of visual contact with equipment operators. Employees should be very cautious around heavy equipment, making sure that they have been seen by all operators when they are in, or around the work area. Site personnel will be required to wear high visibility orange construction vests while on site.

7.3 FALLING AND TRIPPING

The ground around the work area may become uneven over time and may be cluttered with pieces of equipment. These situations can result in workers falling or tripping and subsequently injuring themselves. To reduce this risk, the SSO will report trip hazards to the Drilling Site Manager, and have them immediately taken care of.

7.4 HEAT STRESS

Due to the Southern California climate, heat stress could be of some concern. Bottled water will be available at the decontamination areas so that site personnel can conveniently consume fluids. A modified decontamination procedure will be in effect so that workers will not have to completely remove all contaminated garments prior to consuming water. Heat stress can result when protective clothing decreases natural body ventilation. If temperatures on-site exceed 75o F while protective coveralls are being worn, then heat stress monitoring should be employed. Monitoring would include watching the workers for visible signs of heat stress and taking the heart rate of workers. The heart rate should be taken twice daily and the results should be recorded. If no temperatures are elevated at the end of the first week of activity, temperature monitoring frequency may be decreased at the discretion of the Site Safety Officer.

7.5 ELECTRICAL SAFETY AND LOCKOUT/TAGOUT

URS Corporation's procedure for electrical safety, and Lockout/tagout, will be followed for work potentially near electrical sources underground, in building walls, ceilings and slabs. Proper electrical connections, ladders, extension cords etc. will be used when power is needed. Caution will be taken around water and to prevent electrical cords from becoming a trip hazard. With site work or work on the portable remediation system, energizing sources will be properly deenergized before being serviced by employees.

7.6 BURIED UTILITIES

There may be a number of buried electrical and telephone transmission lines at the site. The underground utility locations should be found prior to drilling operations. The boring locations will be shifted if necessary to avoid the underground obstructions. Site drawings should be reviewed prior to breaking any ground.

7.7 FIRE/EXPLOSION

Explosive levels of gases and vapors are not anticipated. However, an action level of 10 percent of the LEL will be used for stopping work operations. In addition, extra precautions for sparks, flammable materials and electricity must be taken because the fire protection system of the facility will be compromised. Fire extinguishes. (2 minimum) must be posted at exits from the building or work location.

7.8 CONFINED SPACE ENTRY

Confined space entry will not be performed on this project and requires the approval of the HSM if needed.

7.9 VENTILATION

Exhaust from combustion engines used indoors must be exhausted to the outside by extension hoses. blower motors and/or building ventilation to reduce/remove CO exhaust from the building or near by work areas. Other contaminant must be controlled to the maximum degree possible (i.e., soil wetting. plastic barriers or vapor suppression) to minimize the need for respiratory protection.

Access to hazardous and potentially hazardous areas or spill sites must be controlled to reduce the probability of occurrence of physical injury and chemical exposure of field personnel, visitors and the public. A hazardous or potentially hazardous area includes any area where (1) field personnel are required to wear respirators, (2) borings are being drilled with a drilling rig, or (3) excavating operations with heavy equipment are being performed.

Limited access zones or exclusion zones are the most highly contaminated portions of the site. The outer boundary of the exclusion zone will be established according to the location of potentially hazardous substances, drainage, leachate, spilled material and visible discolorations. The perimeter must be clearly marked by physical barriers. Access control is established at the periphery of the exclusion zone to regulate the flow of personnel and equipment into and out of the zone and to verify implementation of proper entering and exiting procedures. No one will be allowed into the exclusion zone without the appropriate protective equipment and required training. No one will be allowed into the zone once intrusive work commences.

Cordons, barricades, or emergency traffic cones or posts, depending on the conditions must identify the boundaries of hazardous and potentially hazardous areas. If such areas are left unattended, signs warning of the danger and forbidding entry must be placed around the perimeter of the site. This is especially important if the work areas are accessible to the public. Trenches and other large holes must be guarded with wooden or metal barricades spaced no further than 20 feet apart and connected with yellow or yellow and black nylon tape not less than 3/4-inch wide. The barricades must be placed no less than two feet from the edge of the excavation or hole.

Entry of hazardous areas shall be limited to individuals who must work in those areas. Unofficial visitors must not be permitted to enter hazardous areas while work in those areas is in progress. Official visitors should be discouraged from entering hazardous areas, but may be allowed to enter only if they agree to abide by the provisions of this document, follow orders issued by the SSO, and are informed of the potential dangers that could be encountered in the areas.

Personal protective equipment is a means of isolating a worker from a potential exposure to a contaminant source. Physically isolating the sources from the surrounding work environment is generally not possible on hazardous waste sites, thus the worker must be isolated from the work area. Use of personal protective equipment places a high degree of responsibility for safety on the field worker. Exposure can occur during lapses in standard operating procedures, failure of protective equipment, removal of protective equipment at the end of work periods, or use of improper or damaged equipment. However, a properly administered personal protective equipment program can offer an effective means of control or act as a supplement or backup to controls at the source of the hazards. Employees at the job site will be trained on the selection and use of personal protective equipment as well as proper maintenance, storage, decontamination, disposal, inspection, donning and doffing procedures.

The following equipment listed below will be available on-site for use when needed:

- Dark blue Tyvek coveralls must be worn when working within the exclusion zone.
- Safety goggles or glasses must be worn when working within 25 feet of operating equipment (e.g., drill rig, pressure washers, etc.). The goggles must be splash proof for handling concentrated fuel products.
- Safety boots, calf-length, with steel toe, must be worn when working within 25 feet of operating equipment.
- Hard hat must be worn when working within 25 feet of operating equipment.
- Earplugs will be at the site and should be worn by any individual working within close proximity of heavy equipment.
- First Aid Kit will be available at the site to assist with small-scale injuries.
- Fire extinguishers will be available at the site and placed in a readily accessible location.
- Barricades will be established to designate decontamination and exclusion zone areas.
- NIOSH-approved full-face respirators with organic vapor and high efficiency dust cartridges. Respirators must be worn when the total airborne hydrocarbon action level of 10 ppm is reached or exceeded.
- Airline or self-contained breathing apparatus. This must be worn when the total airborne CO action level of 25 ppm is reached or exceeded.
- Nitrile or neoprene gloves with latex gloves underneath. The two layers of gloves must be worn when handling contaminated soil or water. They must be worn during sampling procedures.
- Highly visible construction vests will be worn while on-site.
- Saranex or polyethylene coated Tyvek coveralls when working in dry or wet conditions with well development operations.

TABLE 9-1

PPE LEVELS

USEPA PPE Level	Required PPE
D	- Disposable coveralls, cotton coveralls, or work clothes - Safety glasses with side shields - Steel-toed shoes - Hard hat (where overhead hazards exist). - Ear protection (in high noise areas)
Modified Level D	- Tyvek ®(or equivalent) coveralls - Safety glasses with side shields - Chemical protective gloves - Steel-toed shoes with disposable shoe covers or chemical protective steel-toed boots - Hard hat (where overhead hazards exist). - Ear protection (in high noise areas)
C	- Tyvek ®(or equivalent) coveralls - Inner Nitrile gloves - Outer Nitrile gloves - Steel-toed shoes - Disposable shoe covers - Hard hat (where overhead hazards exist). - Full-face respirator with combination dust and organic vapor cartridges. - Ear protection (in high noise areas)
B	- Saranex ®(or equivalent) outer coveralls - Tyvek ®(or equivalent) inner coveralls - Inner Nitrile gloves - Outer Nitrile gloves - Steel-toed shoes - Disposable shoe covers - Hard hat (where overhead hazards exist). - Airline or self contained breathing apparatus - Ear protection (in high noise areas)

9.1 DIRECT READING EQUIPMENT

The following direct reading instruments will be on site:

- Combustible Gas Indicator (CGI - 4-way gas meter) - a CGI with LEL and 0 to 500 ppm scales is the preferred instrument to measure explosive levels and CO at the site. The explosivity action level is 20 percent of the LEL for hexane calibrated CGI's and 47 percent of the LEL for methane calibrated CGI's. The PEL for CO is 25 ppm.
- Organic Vapor Analyzer (OVA) - is the preferred instrument for monitoring total organic vapor concentrations at the site during drilling operations. At each monitoring location, the ambient background reading (15-minute average) will be measured upwind of the work zone.
- Draeger Tubes - to ascertain the type of chemical contamination present at the site.

Vapor monitoring should be performed as often as necessary and wherever necessary to protect field personnel from hazardous vapors. Individuals trained in the use and care of the required instruments must perform monitoring. Due to the fact that toxicity levels are considerably lower then explosivity action levels, monitoring efforts should focus initially on detection of toxic vapors. The presence of explosive levels of gases and vapors should be performed only when gas/vapor concentrations exceed the ppm range of the monitoring instruments and when explosive levels are expected (e.g., inside tanks and other enclosed spaces).

During drilling operations, vapor emissions should be measured continuously. The sample intake orifice or the detector must be positioned in a safe place downwind of the borehole and the instrument alarm should be set to sound at the action level. If the alarm sounds while monitoring continuously for toxic concentrations, the sample intake orifice or detector should be moved so that vapor concentrations in the breathing zone of individuals closest to the boring are measured. Decisions regarding respirator use should be based on breathing zone vapor concentrations. If the alarm sounds while continuously monitoring fire explosive concentrations, initiate shut-down and evacuation procedures immediately.

Draeger Tubes will be available for detecting selected contaminants and will be used periodically during activities within the contaminated zones. If the OVA indicate elevated readings, greater than 5 ppm., detector tubes will then be used to more specifically characterize the airborne contaminants. Polytest, methyl bromide, and ethyl acetate tubes will be used in the decision process.

Detector tubes will be utilized for substances which my be encountered. The typical variation of detector tubes varies from 10 to 30 percent, depending on the compounds of concern and the concentration ranges measured. Detector tubes are designed for concentration levels at or around the

Threshold Limit Value (TLV) for each respective substance. A Draeger tube decision tree that will be used is attached.

If at any time an unknown contaminant level of 5 ppm is reached the job will be shut down. A trained worker in a self-contained breathing apparatus (SCBA) will enter the work area and perform the Draeger tube tests.

Decontamination of equipment and personnel is necessary to confine the contaminants to the exclusion zone, if contaminated soils are found at the subject site. Prior to leaving the exclusion zone, all major equipment, tools and materials will be cleaned to remove grease, oil, or encrusted dirt. The Contractor will provide the necessary components for personnel and equipment decontamination.

A decontamination station and procedure will be established by the SSO during site mobilization. The decontamination station will be designated within the contamination zone and will be located upwind of the exclusion zone. The procedure will consist of a liquid soap and water wash for hands, face, and hard hats. Prior to eating or drinking, personnel will wash their hands and faces with soap and water. A general sequence of doffing procedures is outlined below:

- Wash work gloves and boots.
- Remove coveralls.
- Rinse respirator.
- Wash hands and face.

Trichloroethene and perchloroethene should be removed from skin using a mild detergent and water. Hot water is more effective than cold water and liquid dishwashing detergent is more effective than hand soap.

An effective decontamination area can be established by spreading a water-proof ground sheet and using several large 30 gallon tubs for personal decontamination. The decontamination area will be established by the SSO in discussion with the PM. The criteria used in selecting a site will be:

- Ease of containment of contaminated materials.
- Access to water.
- Accessibility to on-site personnel.

The area will be cordoned off in a similar manner to the exclusion zone. The following areas of decontamination will be identified and removal of the indicated protective equipment in the specified order will be completed in this area.

10.1 STATION ONE - EQUIPMENT DROP

Personnel will place tools, devices, containers, instruments, radios, and clipboards onto plastic sheets. These plastic sheets will be decontaminated and stored in plastic bags later.

10.2 STATION TWO - WASH AND RINSE

Personnel will step into a plastic tub of liquid soap and water washing solution. Personnel and their partners will scrub each others' Tyvek coveralls, gloves, and boots using long handled brushes. The personnel will then step into a plastic tub of rinse water and rinse the Tyvek coveralls, boots and gloves thoroughly. Personnel will then step out of the tub and dry-off. Boots and gloves remain on.

10.3 STATION THREE - REMOVAL

The protective equipment will be removed in the following order:

- Tape from boots and gloves
- Outer glove
- Remove boots if there are feet in the Tyvek
- Remove the Tyvek before the boots if there are no feet in them
- Remove the inner glove.

10.4 EQUIPMENT DECONTAMINATION

All major reusable equipment and other tools used for work will be decontaminated prior to leaving the exclusion zone. Cleaning will normally consist of scrubbing to remove encrusted materials, followed by a soap and water wash and potable water rinse. Containers of detergent solutions for cleaning tools, boots, and gloves will be available in the exclusion zone. Decontamination of equipment will be performed at a designated area within the contamination zone.

Sampling equipment, augers, vehicle undercarriages and tires should be steam cleaned. The steam cleaner is also a convenient source of hot water for personnel and protective equipment cleaning.

Response Levels I require the use of direct reading instruments. Response Levels II and III will require the use of respiratory protection and Response Level IV may require excavation of field personnel from the work zone by the Site Safety Officer. Each of the response levels and associated actions are described below.

11.1 RESPONSE LEVEL I

If an OVA reading of 5 ppm or greater is observed in the breathing zone, the field actions that will be performed at Response Level I to protect site personnel are:

- If Benzene is detected with Draeger tubes, workers will upgrade to full face respirators (Level C). The Draeger tube decision tree is attached in Appendix C.
- If no Benzene is detected, the SSO will continue to monitor for benzene and other hydrocarbons immediately near the drilling area and exclusion zone perimeter.

11.2 RESPONSE LEVEL II

If an OVA reading of 25 ppm or greater is observed in the breathing zone, the field actions that will be performed at Response Level II to protect site personnel are:

- Workers within the zone will upgrade to full face respirators (Level C) when 25 ppm total organic is detected on the OVA
- The SSO will continue to monitor immediate drilling area and exclusion zone perimeter.
- Suspend all work in the immediate area if the contaminant is benzene.

11.3 RESPONSE LEVEL III

Response Level III is triggered by exceeding 25 ppm on the CGI for CO in the work area. Level III requires the SSO to take the following field actions.

- All workers will upgrade to Level B
- The SSO will continue to monitor immediate drilling area and exclusion zone perimeter.

11.4 RESPONSE LEVEL IV

Response Level IV is triggered by exceeding 100 ppm total organic on the OVA or 500 ppm CO on the CGI in the work area. Level IV requires the SSO to take the following field actions.

- Suspend all work in the immediate area.

- Take actions to suppress emissions with appropriate protective equipment (water, plastic, etc.).
- Continue monitoring within and at the downwind boundary of the contaminated zone.
- Resume work only when clearance has been obtained from the SSO.
- Initiate the notification process.

11.5 EMERGENCY NOTIFICATION LIST

The SSO will be trained to render basic first aid. Every injury will be reported and entered in the field log. In the event of fire, explosion, accident or injury, the SSO or other site personnel will contract the appropriate emergency response group. The emergency telephone numbers listed below are for obtaining emergency services at the URS Corporation Project site.

1.	URS Corporation Manager	Work - (714) 835-6886 Beeper - (714) 201-0049 Contact: Jeff Reardon
2.	URS Corporation Health and Safety Manager	Work - (714) 835-6886 Beeper - (800) 970-8131 Contact: Ron Miller
3.	Fire Emergency	911
4.	Rescue Emergency	911
5.	Poison Control	(800) 662-9886
6.	HOSPITALS	
	Covina Valley Community Hospital 845 N. Lark Ellen Avenue West Covina, California 91790	(626) 339-5451

Directions to Hospital:

East on Live Oak Avenue

To Arrow Highway, Arrow Highway East

To Lark Ellen, South on Lark Ellen

Hospital will be on the left.

See Figure 2 for the route to hospital map.

Appendix A
Health And Safety Forms

20.0 Certification

This HASP has been reviewed and approved by the Health and Safety Manager. The plan satisfies the requirements of the Occupational Safety and Health Act 1910.120 as implemented by the Health and Safety Committee for hazardous waste site activities.

_____

Health and Safety Manager

All site personnel have read the HASP and are familiar with its provisions.

NAME	SIGNATURE	DATE
Mike Mikoran	[signature]	8-14-00
Ryan Lowe	[signature]	8-14-00
Craig Roberts	[signature]	8-14-00

HEALTH AND SAFETY COMPLIANCE AGREEMENT

I the undersigned, have received a copy of the health and safety plan for the ~~Port of Los Angeles Activities at the Port of Los Angeles, California.~~ I have read the plan, understand it, and agree to comply with all of the health and safety requirements within. I understand that I may be prohibited from working on the project for violating any of the requirements.

NAME	COMPANY	SIGNATURE	DATE

TAILGATE SAFETY MEETING

Project Name: Hughes Phase II
Project Number:
Date: 8-14-00
Time: 11:30
Specific Location: Irwindale
Type of Work: Drilling

SAFETY TOPICS PRESENTED AND DISCUSSED

Protective Equipment Necessary for Work Zone:

Physical Hazards:

Emergency Procedures:

Hospital Name, Address and Directions:

Special Equipment:

ATTENDEES

NAME PRINTED	SIGNATURE
Mike Makerov	[signature]
Ryan Lowe	[signature]
Craig Roberts	[signature]

Meeting Conducted By: Mike Makerov

TAILGATE SAFETY MEETING ATTENDANCE SHEET (Continued)

NAME PRINTED	SIGNATURE

FORM HS-102

Woodward-Clyde HEALTH AND SAFETY INCIDENT REPORT

Project Name: _____

Project Number: _____

Date of Incident: _____

Time of Incident: _____

Location: _____

TYPE OF INCIDENT (Check all applicable items)

☐ Illness ☐ Fire, explosion, flash

☐ Injury ☐ Unexpected exposure

☐ Property Damage ☐ Vehicular Accident

☐ Health & Safety Infraction

☐ Other (describe) _____

DESCRIPTION OF INCIDENT (Describe what happened and possible cause. Identify individual involved, witnesses, and their affiliations; and describe emergency or corrective action taken. Attach additional sheets, drawings, or photographs as needed.)

_____

_____

_____

_____

_____

_____

_____

_____

Reported by:

_____ _____ _____

Print Name Signature Date

Reporter must deliver this report to the Operating Unit Health & Safety Officer within 24 hours of the reported incident for medical treatment cases and within five days for other incidents.

Reviewed by: _____ _____

Operating Unit Health & Safety Officer Date

Distribution by HSO:

- WCGI Corporate Health and Safety Manager
- Corporate Health and Safety Officer
- Project Manager
- Personnel Office (medical treatment cases only)

Appendix A
Health And Safety Forms

Appendix B
Drilling Safety Guidelines

The drilling rig operator is responsible for drill rig maintenance and safety. The following information is provided as general guidelines for safe practices on site.

B.1 OFF-ROAD MOVEMENT FOR DRILL RIGS

The following safety guidelines relate to off-road movement of drill rigs:

- Before moving a drill rig, first walk the route of travel, inspecting for depressions, slumps, gullies, ruts, and similar obstacles
- Always check the brakes of a drill rig carrier before traveling, particularly on rough, uneven, or hilly ground
- Discharge all passengers before moving a drill rig on rough or hilly terrain
- Engage the front axle for 4x4 or 6x6 vehicle or carriers when traveling off the highway on a hilly terrain
- Use caution when traveling on a side-hill. Conservatively evaluate the side-hill capability of drill rigs, because the arbitrary addition of drilling tools may raise the center of mass. When possible, travel directly uphill or downhill.
- Attempt to cross obstacles such as mall logs, small erosion channels or ditches squarely, not at an angle
- When lateral or overhead clearance is close, use the assistance of someone on the ground as a guide
- After the drilling has been moved to a new drilling site, set all brakes and/or locks. When grades are steep, block the wheels
- Never travel off-road with the mast (derrick) of the drill rig in the raised or partially raised position
- Tie down loads on the drill rig and supporting trucks during transports.

B.2 OVERHEAD AND BURIED UTILITIES

Special precaution must be taken when drilling on a site with electrical power lines and other utilities in the vicinity. Electricity can shock, burn, and result in death.

Overhead and buried utilities should be located, noted, and emphasized on all boring location plans and assignment sheets. When overhead electrical power lines exist at or near a drilling site or project, consider all wires to be alive and dangerous.

Watch for sagging power liens before entering a site. Do not lift power lines to gain entrance. Telephone the appropriate utility company and ask them to lift or raise the lines and de-energize (turn off power) them.

Walk completely around the drill rig before raising the drill rig mast (derrick) on a site in the vicinity of power liens. Determine what the minimum distance from any point on the drill rig to the

nearest power line will be when the mast is raised and/or is being raised. Do not raise the mast or operate the drill rig if this distance is less than 20 feet. Remember that hoist lines and overhead power lines can move toward each other by the wind.

If there are any questions concerning the safety of drilling on the site in the vicinity of overhead power lines, telephone the power company. The power company will provide expert advice at the drilling site as a public service and at no cost.

Underground electrical lines are as dangerous as overhead lines. Be aware and always suspect the existence of underground utilities such as electrical power, gas, petroleum, telephone, sewer, and water. Ask for assistance:

- If a sign warning of underground utilities is located on a site boundary; do not assume that underground utilities are located on or near the boundary or property line under the sign: Telephone the utility company and check it out. The underground utilities may be a considerable distance away from the warning sign.
- Always contact the owners of utility lines or the nearest underground utility location service before drilling. The utility personnel should determine the location of underground lines, and mark and flag these locations. Determine, with the utility personnel what specific precautions must be taken to assure safety.

B.3 CLEARING THE WORK AREA

Prior to drilling, adequate site cleaning and leveling should be performed to accommodate the drill rig and supplies and provide a safe working area. Drilling should not be commenced when tree limbs, unstable ground or site obstructions result in unsafe tool handling conditions.

B.4 HOUSEKEEPING ON AND AROUND THE DRILL RIG

To complete the first requirement for safe field operations, the safety supervisor or the drilling crew must understand and fulfill his responsibility for maintenance and "housekeeping" on an around the drill rig. Suitable storage locations should be provided for all tools, materials, and supplies. Therefore, they can be conveniently and safely handled without hitting or falling on a member of the drill crew or a visitor.

Avoid storing or transporting tools, materials, or supplies within or on the mast (derrick) of the drill rig. Pipe, drill rods, bits, casing, augers, and similar drill tools should be stacked in an orderly manner on racks or sills to prevent spreading, rolling, or sliding.

Penetration hammers or other types of driving hammers should be placed at a safe location on the ground or secured to prevent movement when not in use. Work areas, platforms, walkways, scaffolding, and other access ways should be kept free of materials, obstructions, and substances such as ice, excess grease, or oil that could cause a surface to become slick or otherwise hazardous.

Keep all controls, control linkages, warning and operation lights and lenses, free of oil, grease, and/or ice.

Do not store gasoline in any portable container other than a non-sparking, red container with a flame arrestor in the fill spout. The work "gasoline" must be clearly visible on the container.

B.5 USE OF HAND TOOLS

There are many kinds of hand tools that can be used on or around a drill rig. The most important rule is "use the tool for its intended purpose." The following are a few specific and general suggestions that apply to the safe use of several hand tools often used on and around drill rigs.

- When a tool becomes damaged, either repair it before using it again or discard it
- When using a hammer, any kind of hammer, for any purpose, were safety glasses and require all others near you to do the same.
- When using a chisel, any kind of chisel, for any purpose, wear safety glasses and require all others around you to do the same.
- Keep all tools cleaned and stored in an orderly manner when not in use
- Replace hook and heel jaws when they become visibly worn
- When breaking tool joints on the ground or on a drilling platform, position your hands so that your fingers will not be caught between the wrench handle and the ground or the platform, should the wrench slip or the joint suddenly let go.

B.6 USE OF HOISTS, WIRE ROPE, AND HOISTING HARDWARE

The use of wire line hoists, wire rope, and hoisting hardware should be performed as stipulated by the American Iron and Steel Institute's Wire RPE Users Manual.

All wire ropes and fittings should be visually inspected during use, and thoroughly inspected at least once a week for: abrasion, broken wires, wear, reduction in rope diameter, reduction in wire diameter, fatigue, corrosion, damage from heat, improper weaving, jamming, crushing, bird caging, kinking, core protrusion and damage to lifting hardware, and any other feature that would lead to failure. Wire ropes should be replaced when an inspection indicates excessive damage according to the Wire RPE Users Manual.

If a ball-bearing type hoisting swivel is used to hoist drill rods, swivel bearings should be inspected and lubricated on a daily basis to assure that the swivel freely rotates under load. If a rod slipping device is used to hoist drill rods, do not drill through or rotate drill rods through the slipping device. Do not hoist more than 1 foot (0.3 m) of the drill rod column above the top of the mast (derrick) and do not hoist a rod column with loss took joints while the rod column is being supported by a

slipping device. If drill rods slip back into the borehole, do not attempt to break the fall of the rods with your hands.

Most sheaves on drill rigs are stationary with a single part line. The number of line parts should never be increased without first consulting with the manufacturer of the drill rig. Wire ropes must be properly matched with each sheave.

The following procedures and precautions must be understood and implemented for safe of wire ropes and rigging hardware:

Use tool handling hoists only for vertical lifting of tools (except when angle hole drilling). Do not use tool handling hoists to pull on objects away from the drill rig; however, drills may be moved by using the main hoist as the wire rope is spooled through property sheaves according to the manufacturer's recommendations.

When stuck tools or similar loads cannot be raised with a hoist, disconnect the hoist line and connect the stuck tools directly to the feed mechanism of the drill. Do not use hydraulic leveling jacks for added pull to the hoist line or the feed mechanism of the drill.

When attempting to pull out a mired vehicle or drill rig carrier, only use a winch on the front or rear of the vehicle or drill rig carrier and stay as far away as possible from the wire rope. Do not attempt to use tool hoists to pull out a mired vehicle or a drill rig carrier.

Minimize the shock loading of a wire rope - apply loads smoothly and steadily. The following general safety principles should be observed.

- Protect wire rope from sharp corners or edges
- Replace faulty guides and rollers
- Replace worn sheaves or worn sheave bearings
- Replace damaged safety latches on safety hooks before using.
- Know the safe working load of the equipment and tackle being used, and never exceed this limit
- Periodically inspect and test clutches and brakes of hoists
- Know, and do not exceed the rated capacity of hooks, rings, links, swivels, shackles, and other lifting aids.
- Always wear gloves when handling wire ropes
- Do not use your hands to guide wire ropes on hoist drums
- Following the installation of a new wire rope, first lift a light load to allow the wire rope to adjust

- Never carry out any hoisting operations when the weather conditions will create hazards to personnel, the public, or property
- Never leave a load suspended in the air when the hoist is unattended
- Keep you hands away from hoists, wire rope, hoisting hooks, sheaves, and pinch points when the slack is being taken up, and when the load is being hoisted
- Never hoist the load over the head, body, or feet of any personnel.

B.7 USE OF AUGERS

The following general procedures should be used when advancing a boring with continuous flight or hollow-stem augers:

- Prepare to start an auger boring with the drill rig level, the clutch or hydraulic rotation control disengaged, the transmission in low gear, and the engine running at a low RPM
- The operator and tool handler should establish a system of responsibility for the series of various activities required for auger drilling, such as connecting and disconnecting auger sections, and inserting and removing the auger fork. The operator must assure that the tool handler is well away from the auger column and that the auger fork has been removed before starting rotation
- Only use the manufacturer's recommended method of securing the auger to the power coupling. Do not touch the coupling or the auger with your hands, a wrench, or any other tool during rotation
- Whenever possible, use tool hoists to handle auger sections
- Never place your hands or fingers under the bottom of an auger section when hoisting the auger over the top of the auger section in the ground or other hard surface such as the drill rig platform
- Never allow your feet to get under the auger section that is being hoisted
- When rotating augers, stay clear of the rotating auger and other rotating components of the drill rig. Never reach behind or around a rotating auger for any reason
- Never use your hands or feet to move cuttings away from the auger
- Augers should be cleaned only when the drill rig is in neutral, and the augers have stopped from rotating.

B.8 START-UP PROCEDURES

All drill rig personnel and visitors should be instructed to "stand clear" of the drill rig immediately prior to and during the starting of an engine. Before starting a drill rig engine, make sure that all of the gear boxes are in neutral, all hoist levers are disengaged, all hydraulic levers are in the correct non-actuating positions, and the cathead rope is not on the cathead.

B.9 SAFETY DURING DRILLING OPERATIONS

Safety requires the attention and cooperation of every worker and site visitor. The following procedures are related to safety during drilling operations:

Do not drive the drill rig from hole to hole with the mast (derrick) in the raised position. Before raising the mast (derrick), look up to check for overhead obstructions.

Before raising the mast (derrick), clear all drill rig personnel (with the exception of the operator) and visitors from the areas immediately to the rear and the sides of the mast. In addition, inform them that the mast is being raised.

Before the mast (derrick) of a drill rig is raised and drilling is commenced, the drill rig must first be leveled and stabilized with leveling jacks and/or solid crabbing. The drill rig should be re-leveled if it settles after the initial set up. Lower the mast (derrick) only when leveling jacks are down, and do not raise the leveling jack pads until the mast (derrick) is completely lowered. Before starting drilling operations, secure and/or lock the mast (derrick), if required by the drill manufacturer's recommendations.

The drill rig operator should operate a drill rig only from the position of the controls. The operator should shut down the drill engine before leaving the vicinity of the drill. "Horsing around" within the vicinity of the drill rig and tool and supply storage areas is strictly prohibited, even when the drill rig is shut down. Watch for slippery ground when mounting/dismounting the platform. Drilling operations should be terminated during an electrical storm. Consuming alcoholic beverages, depressants, stimulants, or any other chemical substance while on the job is strictly prohibited.

All unattended boreholes must be adequately covered or otherwise protected to prevent drill rig personnel, site visitors or animals from stepping or falling into the hole. When the drilling project has been completed, all open boreholes should be covered, protected or backfilled adequately and according to local or state regulations.

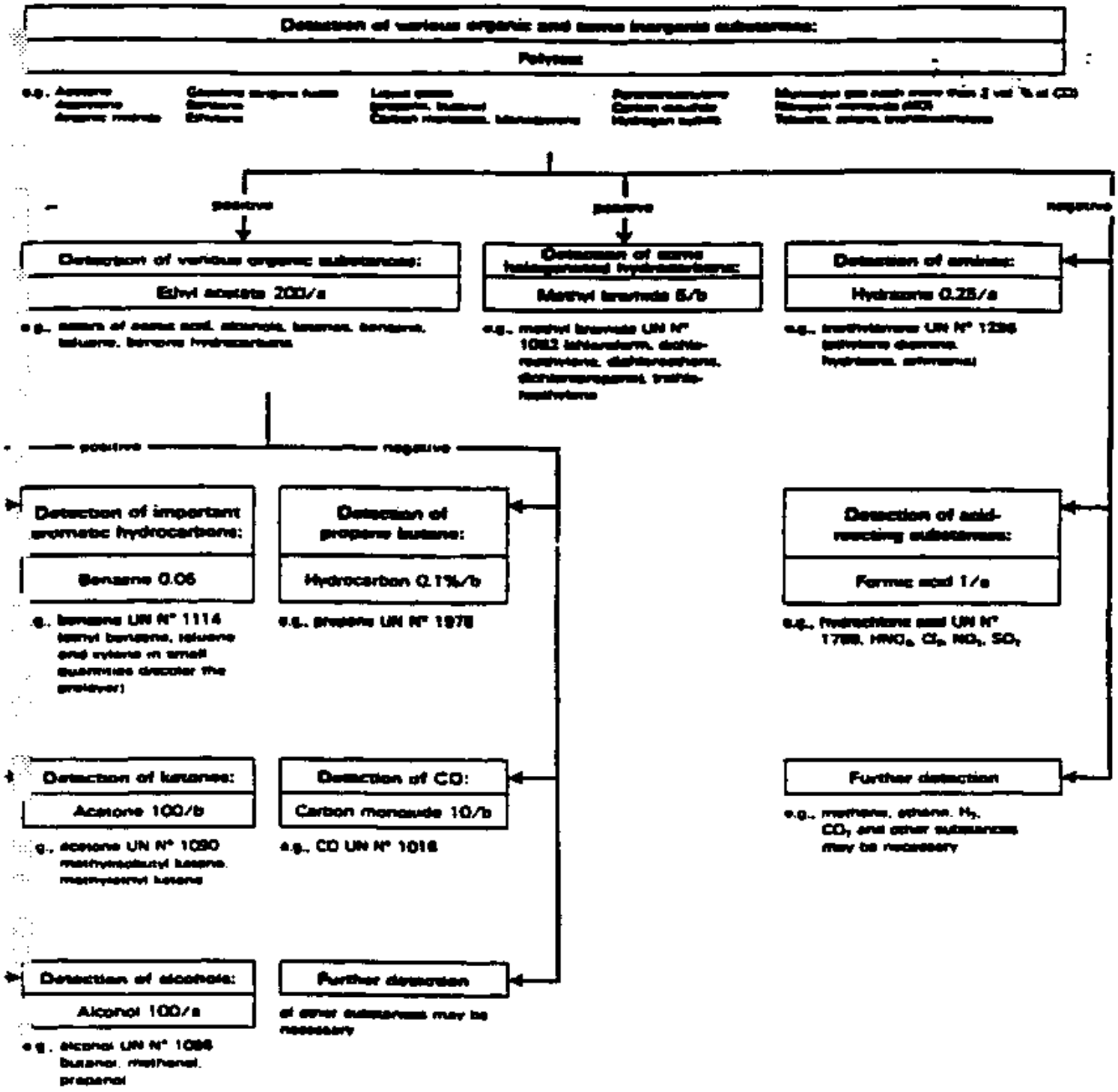
B.10 SAFETY WHEN LIFTING

Be careful when lifting heavy objects. Before lifting, approach the object by bending at the knees, keeping your back in a vertical position and unarched while obtaining a firm footing. Grasp the object firmly with both hands and stand slowly and squarely while keeping you back vertical and unarched. Perform the lifting with the muscles in your legs, not with the muscles in your lower back.

Appendix C
Draeger Tube Decision Tree

Appendix C
Draeger Tube Decision Tree

Detection of unknown substances by means of DRAEGER detector tubes*



*Important: This sample testing schedule refers to a selection of substances which occur frequently in practice. Other circumstances may necessitate another sequence of measurements and, the case being, the use of additional detector tubes, or measurements according to other procedures must be carried out.

National Draeger, Inc.

101 Technology Drive (Pittsburgh) • P.O. Box 120 (Mailing) • Pittsburgh, PA 15230 • 412/787-8383 • Telex 66-6704

...ults were obtained under the following test conditions:
Temperature 20°C, Humidity 50% relative. All tests carried out with pure substances

...stance	Concentration	Number of strokes of the bellows pump	Length of Discoloration	Notes on the coloration
...tone	5000 ppm	5	approx. 10 mm	brownish green
...one	above liquid	5	completely colored	brownish
...lene	200 ppm	5	approx. 10 mm	brownish green
Acetylene	high conc. (over 1 %)	5	completely colored	brownish
...ne	10 ppm	5	approx. 10 mm	brownish green
...ne	high conc. (over 1 %)	5	completely colored	brownish
Benzine (Gasoline)	50 ppm	5	approx. 10 mm	brownish green
Benzine (Gasoline)	above liquid	5	completely colored	brownish
...zene	100 ppm	5	approx. 10 mm	brownish
...zene	above liquid	5	approx. 10 mm	brownish
Butane	100 ppm	5	approx. 10 mm	faded green (spotty)
Butane	high conc. (over 1%)	5	completely colored	brownish green
...on disulfide	10 ppm	5	approx. 10 mm	greenish
...on disulfide	above liquid	5	completely colored	brownish green
Carbon monoxide	100 ppm	5	approx. 10 mm	brownish green
Carbon monoxide	high conc. (over 1 %)	5	completely colored	brownish
...lene (ethene)	500 ppm	5	approx. 10 mm	brownish green
Ethylene (ethene)	high conc. (over 1 %)	5	completely colored	brownish
...gen monoxide (NO)	50 ppm	5	approx. 10 mm	brownish green
...gen monoxide (NO)	high conc. (over 1 %)	5	completely colored	brownish with bleaching effect
...chloroethylene	50 ppm	5	approx. 10 mm	greenish
...chloroethylene	above liquid	5	completely colored	brownish green
...ene	500 ppm	5	approx. 10 mm	faded green (spotty)
...ene	high conc. (over 1%)	5	completely colored	brownish green
...tyrene (monostyrene)	500 ppm	5	approx. 10 mm	brownish
...ne (monostyrene)	above liquid	5	approx. 10 mm	brownish
...ene	200 ppm	5	approx. 10 mm	brownish
...luene	above liquid	5	approx. 10 mm	brownish
...trichloroethylene	50 ppm	5	approx. 10 mm	brownish green
...trichloroethylene	above liquid	5	completely colored	faded yellow
...ne	500 ppm	5	approx. 10 mm	brownish
...ne	above liquid	5	approx. 10 mm	brownish

...ples for the (qualitative) indication response of the DRAEGER tubes for ethyl acetate 200/a

...ults were obtained under the following test conditions:
Temperature 20°C, Humidity 50% relative; All tests carried out with pure substances

...stance	Concentration	Number of strokes of the bellows pump	Length of Discoloration	Notes on the coloration
...one	3000 ppm	5	approx. 10 mm	greenish
...one	above liquid	5	completely colored	greenish
Benzene	500 ppm	5	completely colored	very pale grey
Benzene	above liquid	5	completely colored	greenish grey
...l alcohol	2000 ppm	5	approx. 5 mm	greenish
...l alcohol	above liquid	5	approx. 20 mm	greenish
...ne	100 ppm	5	approx. 10 mm	grey-brown-greenish
Octane	above liquid	5	completely colored	greenish
...ene	500 ppm	5	approx. 10 mm	greenish grey
...ene	above liquid	5	completely colored	greenish grey
...ne	500 ppm	5	approx. 10 mm	greenish brown
Xylene	above liquid	5	completely colored	greenish brown

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APPENDIX D

SB-1 THROUGH SB-5 BORING LOGS

SB-1 BORING LOG

SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA
For TA Realty Associates

Geologic Log

Depth in feet	PID in ppm: AUGER	PID in ppm: SAMPLE	PID in ppm: CUTTINGS	SAMPLE DATA: BLOWS PER FOOT	SAMPLE DATA: TIME	SAMPLE DATA: SAMPLE DEPTH	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: SAMPLER TYPE	SOIL TYPE: SYMBOL	SOIL TYPE: USCS	
0'										SP	
4'		9.8		42	0750	4'	SB-1-4'	CA			Dark brown, fine **SAND**, with sub angular to sub rounded, coarse, gravel, dense, moist, no odor, no staining.
8'			13	19/23	0840	8'	NS	CA			No recovery.
12'			18	75-0"	0905	12'	NS	CA			No recovery.
16'	0.0			50-0"	0930	16'	NS	CA			No recovery.
20'		15.2		77-5"	0945	20'	SB-1-20'	CA		GP	Brown/greenish gray, coarse, **SANDY GRAVEL,** with angular chips from cobble-sized clast(s), very dense, dry, no odor, no staining.
23'					1015	23'					Boring SB-1 terminated at 23' below ground surface due to auger refusal.

SAMPLING METHOD: California Modified
DRILLING METHOD: Track-Mounted Limited Access H-S-A
DATE STARTED: 8/14/00
DATE COMPLETED: 8/15/00

Boring SB-1 terminated at 23 feet below ground surface on 8/15/00 due to auger refusal.
No groundwater encountered and no caving observed.
Logged by MWM, Reviewed by TBK.

SB-2 BORING LOG

SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA
For TA Realty Associates

Geologic Log

Depth in feet	PID in ppm: AUGER	PID in ppm: SAMPLE	PID in ppm: CUTTINGS	SAMPLE DATA: BLOWS PER FOOT	SAMPLE DATA: TIME	SAMPLE DATA: SAMPLE DEPTH	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: SAMPLER TYPE	SOIL TYPE: SYMBOL	SOIL TYPE: USCS	
0'										GP	
4'		3.4		80	1055	4'	NS	CA			Dark brown, gravelly, fine to coarse **SAND,** with angular to sub rounded chips from a cobble-sized rock(s), very dense, moist, no odor, no staining.
8'				60	1115	8'	NS	CA			No recovery.
12'				75-5"	1140	12'	SB-2-12'	CA			Light gray, gravelly, medium to coarse **SAND,** with angular to sub angular chips from a cobble-sized rock(s), very dense, dry, no odor, no staining.
16'			0.0	69-6"	1200	16'	NS	CA			No recovery.
20'	1.1			50-0"	1350	20'	NS	CA			No recovery.
24'		2.8		75-3"	1410	24'	SB-2-24'	CA		SP	Brown, fine to coarse **SAND,** with coarse, angular to sub rounded gravel, very dense, dry, no odor, no staining.
28'		1.8		75-1"	1445	28'	SB-2-28'	SPT		SW	Brown, sandy fine to coarse **GRAVEL,** angular to sub rounded, very dense, dry, no odor, no staining.
32'			0.0	50-0"	1505	32'	NS	CA			No recovery.
36'		2.1		67	1530	36'	SB-2-36'	CA			Olive gray/brown, gravelly, medium to coarse **SAND,** with angular to sub angular chips from a cobble-sized rock(s), very dense, slightly damp, no odor, no staining.
40'				50-1"	1600	40'	NS	CA			No recovery.

SAMPLING METHOD: SPT/California Modified
DRILLING METHOD: Track-Mounted Limited Access H-S-A
DATE STARTED: 8/15/00
DATE COMPLETED: 8/15/00

Boring SB-2 terminated at 40.5 feet below ground surface on 8/15/00.
No groundwater encountered and no caving observed.
Logged by MWM, Reviewed by TBK.

URS CORP.

SB-3 BORING LOG

SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA
For TA Realty Associates

Depth in feet	PID in ppm			SAMPLE DATA					SOIL TYPE	
	AUGER	SAMPLE	CUTTINGS	BLOWS PER FOOT	TIME	SAMPLE DEPTH	SAMPLE NUMBER	SAMPLER TYPE	SYMBOL	USCS
0'										
4'			0.5	50-5"	0925	4'	NS	CA		
8'		1.6		50-6"	1020	8'	SB-3-8'	CA		SW
11'					1100					

Geologic Log

No recovery.

Brown/greenish gray, gravelly **SAND**, gravel and sand is fine to coarse very dense, slightly damp, no odor, no staining.

Boring SB-3 terminated at 11' below ground surface due to auger refusal.

SAMPLING METHOD: California Modified
DRILLING METHOD: Track-Mounted Limited Access H-S-A
DATE STARTED: 8/16/00
DATE COMPLETED: 8/16/00

Boring SB-3 terminated at 11 feet below ground surface on 8/16/00 due to auger refusal.
No groundwater encountered and no caving observed.
Logged by MWM, Reviewed by TBK.

SB-4 BORING LOG

SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA
For TA Realty Associates

Depth in feet	PID in ppm: AUGER	PID in ppm: SAMPLE	PID in ppm: CUTTINGS	SAMPLE DATA: BLOWS PER FOOT	SAMPLE DATA: TIME	SAMPLE DATA: SAMPLE DEPTH	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: SAMPLER TYPE	SOIL TYPE: SYMBOL	SOIL TYPE: USCS	Geologic Log
0'											
4'		1.5	9.4	50-3"	1200	4'	SB-4-4'	CA		SP	Dark brown, medium to coarse **SAND,** with fine gravel, very dense, moist, no odor, no staining.
8'		1.5		50-3"	1225	8'	SB-4-8'	CA		GP	Gray/greenish gray, granitic, coarse **GRAVEL**, with medium to coarse sand, very dense, dry, no odor, no staining.
12'		2.0		70	1245	12'	SB-4-12'	CA		SP	Brown, fine to coarse **SAND**, with fine angular to sub rounded gravel, very dense, slightly damp, no odor, no staining.
16'				50-2"	1425	16'	NS	CA			No recovery.
20'		2.1		50-1"	1450	20'	SB-4-20'	CA			Light brown/brown, fine to coarse **SAND,** with angular, fine, gravel, very dense, dry, no odor, no staining.
24'		1.5		90-4"	1530	24'	SB-4-24'	CA			As above.
28'				50-0"	1610	28'	NS	CA			No recovery.
32'		14.3		50-6"	1645	32'	SB-4-32'	CA			Brown, medium to coarse **SAND,** with fine, angular, gravel, very dense, damp, no odor, no staining.
36'				50-0"	0815	36'	NS	CA			No recovery.

SAMPLING METHOD: California Modified
DRILLING METHOD: Track-Mounted Limited Access H-S-A
DATE STARTED: 8/16/00
DATE COMPLETED: 8/17/00

Boring SB-4 terminated at 36 feet below ground surface on 8/17/00 due to auger refusal.
No groundwater encountered and no caving observed.
Logged by MWM, Reviewed by TBK.

SB-5 BORING LOG

SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA
For TA Realty Associates

Geologic Log

Depth in feet	PID in ppm: AUGER	PID in ppm: SAMPLE	PID in ppm: CUTTINGS	SAMPLE DATA: BLOWS PER FOOT	SAMPLE DATA: TIME	SAMPLE DATA: SAMPLE DEPTH	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: SAMPLER TYPE	SOIL TYPE: USCS	
0'										
		10.3		46	1400	4'	SB-5-4'	CA	SW	Dark brown, fine to coarse **SAND,** with angular to well rounded gravel dense, slightly damp, no odor, no staining.
4'										
		22.4		64	1415	8'	SB-5-8'	CA	SP	As above, except trace fine sand.
8'										
				50-0"	1430	12'	NS	CA		No recovery.
12'										
14'										Boring SB-5 terminated at 14 feet below ground surface due to auger refusal.

SAMPLING METHOD: California Modified
DRILLING METHOD: Track-Mounted Limited Access H-S-A
DATE STARTED: 8/17/00
DATE COMPLETED: 8/17/00

Boring SB-5 terminated at 14 feet below ground surface on 8/17/00 due to auger refusal.
No groundwater encountered and no caving observed.
Logged by MWM, Reviewed by TBK.

APPENDIX E

LABORATORY REPORTS AND CHAIN-OF-CUSTODY RECORDS

Calscience
Environmental
Laboratories, Inc.

August 16, 2000

Taras Kruk
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Subject: **Calscience Work Order No.:** **00-08-0514**
Client Reference: **25437-160-149/Hughes Market Soil Boring Investigation**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 08/15/00 and analyzed in accordance with the attached chain-of-custody.

The results in this analytical report are limited to the samples tested and any reproduction of this report must be made in its entirety.

If you have any questions regarding this report, require sampling supplies or field services, or information on our analytical services, please feel free to call me at (714) 895-5494.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Marycarol Valenzuela
Project Manager

William H. Christensen
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/15/00
Work Order No: 00-08-0514
Preparation: Total Digestion
Method: EPA 6010B

Project: 25437-160-149/Hughes Market Soil Boring Investigation

Client Sample Number:	Lab Sample Number:	Matrix:	Date Collected:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-1-20	**00-08-0514-2**	**Solid**	**08/15/00**	**08/15/00**	**08/16/00**	**000815lcs2**

Parameter	Result	RL	DF	Qual	Units
Lead	5.42	0.50	1		mg/kg

Client Sample Number:	Lab Sample Number:	Matrix:	Date Collected:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-2-35	**00-08-0514-7**	**Solid**	**08/15/00**	**08/15/00**	**08/16/00**	**000815lcs2**

Parameter	Result	RL	DF	Qual	Units
Lead	3.10	0.50	1		mg/kg

Client Sample Number:	Lab Sample Number:	Matrix:	Date Collected:	Date Prepared:	Date Analyzed:	QC Batch ID:
Method Blank	**097-01-002-1,735**	**Solid**	**N/A**	**08/15/00**	**08/15/00**	**000815lcs2**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation	Date Sampled:	08/15/00
2020 East 1st Street, Suite 400	Date Received:	08/15/00
Santa Ana, CA 92705	Date Extracted:	08/15/00
	Date Analyzed:	08/15/00
	Work Order No.:	00-08-0514
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	
RE: 25437-160-149/Hughes Market Soil Boring Investigation	Page 1 of 4	

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: SB-1-20'		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C37-C40	ND	
C41-C44	ND	
C7-C44 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

ANALYTICAL REPORT

URS Corporation	Date Sampled:	08/15/00
2020 East 1st Street, Suite 400	Date Received:	08/15/00
Santa Ana, CA 92705	Date Extracted:	08/15/00
	Date Analyzed:	08/15/00
	Work Order No.:	00-08-0514
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	

RE: 25437-160-149/Hughes Market Soil Boring Investigation

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: SB-2-24'		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C37-C40	ND	
C41-C44	ND	
C7-C44 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

ANALYTICAL REPORT

URS Corporation	Date Sampled:	08/15/00
2020 East 1st Street, Suite 400	Date Received:	08/15/00
Santa Ana, CA 92705	Date Extracted:	08/15/00
	Date Analyzed:	08/15/00
	Work Order No.:	00-08-0514
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	

RE: 25437-160-149/Hughes Market Soil Boring Investigation

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: SB-2-36'		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C37-C40	ND	
C41-C44	ND	
C7-C44 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Attn: Taras Kruk

Date Sampled: NA
Date Received: NA
Date Extracted: 08/15/00
Date Analyzed: 08/15/00
Work Order No.: 00-08-0514
Method: EPA 8015M with Carbon Chain

RE: 25437-160-149/Hughes Market Soil Boring Investigation

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: Method Blank		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C37-C40	ND	
C41-C44	ND	
C7-C44 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/15/00
Work Order No: 00-08-0514
Preparation: EPA 5030B
Method: EPA 8021B

Project: 25437-160-149/Hughes Market Soil Boring Investigation

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-1-20	00-08-0514-2	08/15/00	Solid	N/A	08/15/00	00081501sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	87	47-137	

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-2-24	00-08-0514-5	08/15/00	Solid	N/A	08/15/00	00081501sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	85	47-137	

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-2-36	00-08-0514-7	08/15/00	Solid	N/A	08/15/00	00081501sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	84	47-137	

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
Method Blank	098-01-002-2,175	N/A	Solid	N/A	08/15/00	00081501sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	101	47-137	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/15/00
Work Order No: 00-08-0514
Preparation: Total Digestion
Method: EPA 6010B

Project: 25437-160-149/Hughes Market Soil Boring Investigation

Spiked Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
00-08-0465-1	Solid	ICP 3300	08/15/00	08/16/00	081500ms2

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	71	66	75-125	4	0-20	3

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/15/00
Work Order No: 00-08-0514
Preparation: EPA 5030B
Method: EPA 8021B

Project: 25437-160-149/Hughes Market Soil Boring Investigation

Spiked Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
00-08-0454-1	Solid	GC 21	N/A	08/15/00	00081501ms

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	88	81	46-136	8	0-15	
Toluene	90	82	45-136	9	0-18	
Ethylbenzene	90	83	52-121	9	0-17	
p/m-Xylene	92	84	53-130	9	0-17	
o-Xylene	92	84	54-120	9	0-13	
Methyl-tert-Butyl Ether	85	79	24-144	7	0-23	

Caiscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/15/00
Work Order No: 00-08-0514
Preparation: Total Digestion
Method: EPA 6010B

Project: 25437-160-149/Hughes Market Soil Boring Investigation

LCS Sample Number	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-1,738	Solid	ICP 3300	08/15/00	000815-L	000815lcs2

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Lead	50	47.8	96	80-120	

Caliscience Environmental Laboratories, Inc.

QUALITY ASSURANCE SUMMARY

Method EPA 8015M - Carbon Chain

URS Corporation — Work Order No.: 00-08-0514
Page 1 of 1 — Date Analyzed: 08/15/00

Matrix Spike/Matrix Spike Duplicate

Sample Spiked: 00-08-0454-1

Analyte	MS%REC	MSD%REC	Control Limits	%RPD	Control Limits
Total Petroleum Hydrocarbons	96	119	52 - 149	22	0 - 29

Laboratory Control Sample

Analyte	Conc. Added	Conc. Rec.	%REC	Control Limits
Total Petroleum Hydrocarbons	400	359	90	79 - 137

Surrogate Recoveries (in %)

Sample Number	S1
SB-1-20'	101
SB-2-24'	63
SB-2-36'	92
Method Blank	95

Surrogate Compound	%REC Acceptable Limits
S1 > Decachlorobiphenyl	52 - 135

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

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GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 00-08-0514

Qualifier	Definition
3	Spike or Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
ND	Not detected at indicated reporting limit.

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CHAIN-OF-CUSTODY RECORD

WHITE COPY–Original (Accompanies Samples) YELLOW COPY–Collector PINK COPY–Project Manager

Boring or Well Number	Sample Number	Depth	Time	Sample Type	Container Type	VOA 601/8010	VOA 602/8020	VOA 624/8240	Semi Vol 625/8270	TPH 418.1	TPH 8015 (M)	TITLE 22 METALS	WET Test	PNA 610/8100	PEST/PCBs 8080	HEX CHROME	ORGANIC LEAD	TCLP	pH	ASBESTOS	8020 BTEX/MTBE 8010 B LEAD 8260				FIELD NOTES:	Total Number Of Containers	Laboratory Note Number
SB-1	4	4'	7:30	Soil	2.5"x6" Brass																				Hold	1	
SB-1	20	20'	9:45	Soil	"					X											X	X				1	
SB-2	4	4'	10:55	Soil	"																				Hold	1	
[redacted]																									[redacted]	[redacted]	
SB-2	12	12'	11:40	Soil	"																				Hold	1	
SB-2	24	24'	14:10	Soil	"					X											X					1	
SB-2	28	28'	14:45	Soil	1.5"x6" Brass																				Hold	1	
SB-2	36	36'	15:30	Soil	2.5"x6" Brass					X											X	X				1	
T.B.					40 ml Vial																				Trip Blank	2	
Equip. B.					40 ml Vial																				Equipment Blank	2	
Equip. B.					500 ml Amber																				Equipment Blank	1	
Equip. B.					250 ml Poly																				Equipment Blank	1	

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

8-15-00/16:30

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

8/15/00 17:27

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

ANALYTICAL LABORATORY: CA/SCIENCE LABORATORY

LABORATORY CONTACT: Mary Creel

D&M CONTACT: Taras Kruk PHONE: 714 835 6605

FAX 714 667 7147

DAMES & MOORE
A DAMES & MOORE GROUP COMPANY
10723 Bell Ct.
Rancho Cucamonga, CA 91730
(909) 980-4000 Fax: (909) 980-2643

LABORATORY NOTES:

Analyze Samples Using 24 Hour Turnaround.

Fax Results To Taras Kruk at 714 667 7147.

Samples Which Show Detectable Amounts of MTBE Will Be Confirmed By EPA Method 8260.

JOB NO.: 25437-160-149 SHEET 1 OF

PROJECT Hughes Market Soil Boring Investigation

LOCATION Hughes Market Facility, Temecula, CA.

COLLECTOR Mike McKown DATE OF COLLECTION 8-15-00

Calscience Environmental Laboratories, Inc.

QUALITY ASSURANCE SUMMARY

Method EPA 8015M - Carbon Chain

URS Corporation | Work Order No.: 00-08-0558
Page 1 of 1 | Date Analyzed: 08/16/00

Matrix Spike/Matrix Spike Duplicate

Sample Spiked: 00-08-0453-3

Analyte	MS%REC	MSD%REC	Control Limits	%RPD	Control Limits
Total Petroleum Hydrocarbons	94	102	52 - 149	7	0 - 29

Laboratory Control Sample

Analyte	Conc. Added	Conc. Rec.	%REC	Control Limits
Total Petroleum Hydrocarbons	400	375	94	79 - 137

Surrogate Recoveries (in %)

Sample Number	S1
SB-3-8'	94
SB-4-8'	95
SB-4-24'	98
Method Blank	94

Surrogate Compound	%REC Acceptable Limits
S1 > Decachlorobiphenyl	52 - 135

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Calscience
Environmental
Laboratories, Inc.

August 17, 2000

Taras Kruk
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Subject: **Calscience Work Order No.:** **00-08-0558**
Client Reference: **Hughes Market Soil Boring Investigation/25437-160-149**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 08/16/00 and analyzed in accordance with the attached chain-of-custody.

The results in this analytical report are limited to the samples tested and any reproduction of this report must be made in its entirety.

If you have any questions regarding this report, require sampling supplies or field services, or information on our analytical services, please feel free to call me at (714) 895-5494.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Marycarol Valenzuela
Project Manager

William H. Christensen
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation	Date Sampled:	08/16/00
2020 East 1st Street, Suite 400	Date Received:	08/16/00
Santa Ana, CA 92705	Date Extracted:	08/16/00
	Date Analyzed:	08/17/00
	Work Order No.:	00-08-0558
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	
RE: Hughes Market Soil Boring Investigation /25437-160-149	Page 1 of 4	

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: SB-3-8'		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C37-C40	ND	
C41-C44	ND	
C7-C44 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

ANALYTICAL REPORT

URS Corporation	Date Sampled:	08/16/00
2020 East 1st Street, Suite 400	Date Received:	08/16/00
Santa Ana, CA 92705	Date Extracted:	08/16/00
	Date Analyzed:	08/17/00
	Work Order No.:	00-08-0558
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	
RE: Hughes Market Soil Boring Investigation /25437-160-149	Page 2 of 4	

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: SB-4-8'		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C37-C40	ND	
C41-C44	ND	
C7-C44 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/16/00
Work Order No: 00-08-0558
Preparation: EPA 5030B
Method: EPA 8021B

Project: Hughes Market Soil Boring Investigation/25437-160-149

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-3-6'	00-08-0558-3	08/16/00	Solid	N/A	08/16/00	00081601sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	88	47-137	

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-4-6'	00-08-0558-5	08/16/00	Solid	N/A	08/16/00	00081601sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	47-137	

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-4-24'	00-08-0558-8	08/16/00	Solid	N/A	08/16/00	00081601sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	47-137	

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
Method Blank	098-01-002-2,177	N/A	Solid	N/A	08/16/00	00081601sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	91	47-137	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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ANALYTICAL REPORT

URS Corporation	Date Sampled:	08/16/00
2020 East 1st Street, Suite 400	Date Received:	08/16/00
Santa Ana, CA 92705	Date Extracted:	08/16/00
	Date Analyzed:	08/17/00
	Work Order No.:	00-08-0558
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	
RE: Hughes Market Soil Boring Investigation /25437-160-149	Page 3 of 4	

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: SB-4-24'		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C37-C40	ND	
C41-C44	ND	
C7-C44 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

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Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation	Date Sampled:	NA
2020 East 1st Street, Suite 400	Date Received:	NA
Santa Ana, CA 92705	Date Extracted:	08/16/00
	Date Analyzed:	08/17/00
	Work Order No.:	00-08-0558
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	
RE: Hughes Market Soil Boring Investigation /25437-160-149	Page 4 of 4	

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: Method Blank		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C37-C40	ND	
C41-C44	ND	
C7-C44 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/16/00
Work Order No: 00-08-0558
Preparation: EPA 5030B
Method: EPA 8021B

Project: Hughes Market Soil Boring Investigation/25437-160-149

Spiked Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
00-08-0482-1	Solid	GC 2B	N/A	08/16/00	00081601ms

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	89	90	46-136	2	0-15	
Toluene	85	87	45-138	3	0-18	
Ethylbenzene	86	92	62-121	6	0-17	
p/m-Xylene	88	94	53-130	6	0-17	
o-Xylene	88	95	64-120	7	0-13	
Methyl-tert-Butyl Ether	86	93	24-144	7	0-23	

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/16/00
Work Order No: 00-08-0558
Preparation: EPA 5030B
Method: EPA 8021B

Project: Hughes Market Soil Boring Investigation/25437-160-149

LCS Sample Number	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
098-01-002-2,177	Solid	GC 28	08/16/00	003F0101	00081601sa

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Benzene	0.100	0.0945	94	81-111	
Toluene	0.100	0.0901	90	81-111	
Ethylbenzene	0.100	0.0926	93	78-113	
p/m-Xylene	0.200	0.189	95	70-116	
o-Xylene	0.100	0.0940	94	77-114	
Methyl-tert-Butyl Ether	0.100	0.0982	98	65-126	

Calscience Environmental Laboratories, Inc.

GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 00-08-0558

Qualifier	Definition
ND	Not detected at indicated reporting limit.

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN-OF-CUSTODY RECORD

WHITE COPY–Original (Accompanies Samples) YELLOW COPY–Collector PINK COPY–Project Manager

Boring or Well Number	Sample Number	Depth	Time	Sample Type	Container Type	TPH 418.1	TPH 8015 (M)	ASBESTOS	FIELD NOTES:	Total Number Of Containers	Laboratory Note Number
	T.B.	-	-	-	40 ml VOA					2	
Equip. Blank		-	15:40	-	40 ml VOA					2	
"	"		15:40		500 ml Amber					1	
"	"		15:40		250 ml Poly					1	
SB-3	8	8'	10:20	Soil	2.5x6 Brass	X		X		1	
SB-4	4	4'	12:00	Soil	2.5x6 Brass				Hold	1	
SB-4	8	8'	12:25	Soil	2.5x6 Brass	X		X		1	
SB-4	12	12'	12:45	Soil	2.5x6 Brass				Hold	1	
SB-4	20	20'	14:50	Soil	2.5x6 Brass				Hold	1	
SB-4	24	24'	15:30	Soil	2.5x6 Brass	X		X		1	

ANALYSES: VOA 601/8010; VOA 602/8020; VOA 624/8240; Semi Vol 625/8270; TPH 418.1; TPH 8015 (M); TITLE 22 METALS; WET Test; PNA 610/8100; PEST/PCBs 8080; HEX CHROME; ORGANIC LEAD; TCLP; pH; ASBESTOS; 8020 BTEX/MTBE; 6010 B Lead; 8260

RELINQUISHED BY: (Signature) DATE/TIME 8/16-00 15:55 RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature) DATE/TIME 8/16/00 17:00 RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY NOTES:

Analyze Samples Using 24 Hour Turnaround.
Fax Results To Tracy Kruk at 714 667 7147.
Samples Which Show Detectable Amounts of MTBE Will Be Confirmed By EPA 8260.

ANALYTICAL LABORATORY: CalScience Labs

LABORATORY CONTACT: Mary Carol

D&M CONTACT: Tracy Kruk PHONE: 714 855 8668

JOB NO.: 25937-160-149 SHEET 1 OF

PROJECT: Hughes Market Soil Boring Investigation

LOCATION: Irwindale, CA

COLLECTOR: Mike Mahoney DATE OF COLLECTION: 8-16-00

DAMES & MOORE
A DAMES & MOORE GROUP COMPANY
10723 Bell Ct.
Rancho Cucamonga, CA 91730
(909) 980-4000 Fax: (909) 980-2643

Calscience
Environmental
Laboratories, Inc.

August 18, 2000

Taras Kruk
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Subject: **Calscience Work Order No.:** **00-08-0605**
Client Reference: **Hughes Market Soil Boring Investigation/25437-160-149**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 08/17/00 and analyzed in accordance with the attached chain-of-custody.

The results in this analytical report are limited to the samples tested and any reproduction of this report must be made in its entirety.

If you have any questions regarding this report, require sampling supplies or field services, or information on our analytical services, please feel free to call me at (714) 895-5494.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Marycarol Valenzuela
Project Manager

William H. Christensen
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/17/00
Work Order No: 00-08-0605
Preparation: Total Digestion
Method: EPA 6010B

Project: Hughes Market Soil Boring Investigation/25437-160-149

Client Sample Number:	Lab Sample Number:	Matrix:	Date Collected:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-4-32	00-08-0605-3	Solid	08/17/00	08/17/00	08/18/00	000817lca3

Parameter	Result	RL	DF	Qual	Units
Lead	1.35	0.50	1		mg/kg

Method Blank	097-01-002-1,740	Solid	N/A	08/17/00	08/18/00	000817lca3

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation	Date Sampled:	08/17/00
2020 East 1st Street, Suite 400	Date Received:	08/17/00
Santa Ana, CA 92705	Date Extracted:	08/17/00
	Date Analyzed:	08/17/00
	Work Order No.:	00-08-0605
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	

RE: Hughes Market Soil Boring Investigation/25437-160-149

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: SB-4-32		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C7-C36 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

ANALYTICAL REPORT

URS Corporation	Date Sampled:	08/17/00
2020 East 1st Street, Suite 400	Date Received:	08/17/00
Santa Ana, CA 92705	Date Extracted:	08/17/00
	Date Analyzed:	08/17/00
	Work Order No.:	00-08-0605
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	

RE: Hughes Market Soil Boring Investigation/25437-160-149

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: SB-5-8		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C7-C36 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation	Date Sampled:	NA
2020 East 1st Street, Suite 400	Date Received:	NA
Santa Ana, CA 92705	Date Extracted:	08/17/00
	Date Analyzed:	08/17/00
	Work Order No.:	00-08-0605
Attn: Taras Kruk	Method: EPA 8015M with Carbon Chain	

RE: Hughes Market Soil Boring Investigation/25437-160-149

All hydrocarbon concentrations are quantified using a diesel fuel standard, and are reported in mg/kg (ppm). Reporting limits for the individual carbon ranges are not defined.

Analyte	Concentration	Reporting Limit
Sample Number: Method Blank		
C7	ND	
C8	ND	
C9-C10	ND	
C11-C12	ND	
C13-C14	ND	
C15-C16	ND	
C17-C18	ND	
C19-C20	ND	
C21-C22	ND	
C23-C24	ND	
C25-C28	ND	
C29-C32	ND	
C33-C36	ND	
C7-C36 Total	ND	5

Normal paraffins are used to identify the reported carbon chain ranges. However, there can be a discrepancy for branched, unsaturated, or multiple ring hydrocarbons wherein they may be detected outside of the normal paraffin defined carbon chain range.

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/17/00
Work Order No: 00-08-0605
Preparation: EPA 5030B
Method: EPA 8021B

Project: Hughes Market Soil Boring Investigation/25437-160-149

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-4-32	00-08-0605-3	08/17/00	Solid	N/A	08/18/00	00081701sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	80	47-137	

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
SB-5-8	00-08-0605-5	08/17/00	Solid	N/A	08/18/00	00081701sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	81	47-137	

Client Sample Number:	Lab Sample Number:	Date Collected:	Matrix:	Date Prepared:	Date Analyzed:	QC Batch ID:
Method Blank	098-01-002-2,161	N/A	Solid	N/A	08/17/00	00081701sa

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Benzene	ND	0.0050	1		mg/kg	Xylenes (total)	ND	0.010	1		mg/kg
Toluene	ND	0.0050	1		mg/kg	Methyl-tert-Butyl Ether	ND	0.025	1		mg/kg
Ethylbenzene	ND	0.0050	1		mg/kg						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	47-137	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/17/00
Work Order No: 00-08-0605
Preparation: Total Digestion
Method: EPA 6010B

Project: Hughes Market Soil Boring Investigation/25437-160-149

Spiked Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
00-08-0571-3	Solid	ICP 3300	08/17/00	08/18/00	081700ms3

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	81	85	75-125	5	0-20	

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/17/00
Work Order No: 00-08-0605
Preparation: Total Digestion
Method: EPA 6010B

Project: Hughes Market Soil Boring Investigation/25437-160-149

LCS Sample Number	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-1,740	Solid	ICP 3300	08/18/00	000817-I	000817lcs3

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Lead	50	49.4	99	80-120	

Calscience Environmental Laboratories, Inc.

QUALITY ASSURANCE SUMMARY

Method EPA 8015M - Carbon Chain

URS Corporation | Work Order No.: 00-08-0605
Page 1 of 1 | Date Analyzed: 08/17/00

Matrix Spike/Matrix Spike Duplicate

Sample Spiked: SB-4-32

Analyte	MS%REC	MSD%REC	Control Limits	%RPD	Control Limits
Total Petroleum Hydrocarbons	94	90	52 - 149	5	0 - 29

Laboratory Control Sample

Analyte	Conc. Added	Conc. Rec.	%REC	Control Limits
Total Petroleum Hydrocarbons	400	368	92	79 - 137

Surrogate Recoveries (in %)

Sample Number	S1
SB-4-32	104
SB-5-8	114
Method Blank	75

Surrogate Compound	%REC Acceptable Limits
S1 > Decachlorobiphenyl	52 - 135

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/17/00
Work Order No: 00-08-0605
Preparation: EPA 5030B
Method: EPA 8021B

Project: Hughes Market Soil Boring Investigation/25437-160-149

Spiked Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
00-08-0511-1	Solid	GC 21	N/A	08/17/00	00081701ms

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	77	77	46-136	0	0-15	
Toluene	77	76	45-138	0	0-18	
Ethylbenzene	75	74	62-121	1	0-17	
p/m-Xylene	76	75	53-130	1	0-17	
o-Xylene	78	76	64-120	3	0-13	
Methyl-tert-Butyl Ether	80	79	24-144	1	0-23	

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/17/00
Work Order No: 00-08-0605
Preparation: EPA 5030B
Method: EPA 8021B

Project: Hughes Market Soil Boring Investigation/25437-160-149

LCS Sample Number	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
098-01-002-2,181	Solid	GC 21	08/17/00	053F0101	00081701sa

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Benzene	0.100	0.0853	85	81-111	
Toluene	0.100	0.0866	87	81-111	
Ethylbenzene	0.100	0.0878	88	78-113	
p/m-Xylene	0.200	0.177	89	70-118	
o-Xylene	0.100	0.0900	90	77-114	
Methyl-tert-Butyl Ether	0.100	0.0872	87	65-126	

Calscience Environmental Laboratories, Inc.

GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 00-08-0605

Qualifier	Definition
ND	Not detected at indicated reporting limit.

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705

Date Received: 08/15/00
Work Order No: 00-08-0514
Preparation: EPA 5030B
Method: EPA 8021B

Project: 25437-160-149/Hughes Market Soil Boring Investigation

LCS Sample Number	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
098-01-002-2,175	Solid	GC 21	08/15/00	051F0101	00081501aa

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Benzene	0.100	0.0820	82	81-111	
Toluene	0.100	0.0842	84	81-111	
Ethylbenzene	0.100	0.0849	85	78-113	
p/m-Xylene	0.200	0.172	86	70-118	
o-Xylene	0.100	0.0863	86	77-114	
Methyl-tert-Butyl Ether	0.100	0.0857	86	65-126	

CHAIN-OF-CUSTODY RECORD

WHITE COPY–Original (Accompanies Samples) YELLOW COPY–Collector PINK COPY–Project Manager

Boring or Well Number	Sample Number	Depth	Time	Sample Type	Container Type	VOA 601/8010	VOA 602/8020	VOA 624/8240	Semi Vol 625/8270	TPH 418.1	TPH 8015 (M)	TITLE 22 METALS	WET Test	PNA 610/8100	PEST/PCBs 8080	HEX CHROME	ORGANIC LEAD	TCLP	pH	ASBESTOS	8020 BTEX/MTBE 8010 & LEAD 8260	0605	FIELD NOTES:	Total Number Of Containers	Laboratory Note Number
	T.B.				40 ml Vial																			2	
Equip. Blank			12:00		40 ml Vial																			2	
"	"		12:00		500 ml Amber																			1	
"	"		12:00		250 ml Poly																			1	
SB-4	32	32'	1645	Soil	2.5x6" Brass					X										X	X			1	
SB-5	4	4'	1400	Soil	" " "																	Hold		1	
SB-5	8	8'	1415	Soil	" " "					X										X				1	

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)
8-17-00 16:00

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)
8/17/00 17:55

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY NOTES: Analyze Samples Using 24 Hour Turnaround.
Fax Results To Tara Kruk at 714 667 7147.
Samples Which Show Detectable Amounts of MTBE Will Be Confirmed By EPA 8260.

ANALYTICAL LABORATORY: Calscience Labs
LABORATORY CONTACT: Mary Carol
D&M CONTACT: Tara Kruk PHONE: 714 835 8668

JOB NO.: 25437-160-149 SHEET 1 OF

PROJECT Hughes Market Soil Boring Investigation

LOCATION Irwindale, Ca. 8-16-00 & 8-17-00

COLLECTOR Mike McKeon DATE OF COLLECTION

DAMES & MOORE
A DAMES & MOORE GROUP COMPANY
10723 Bell Ct.
Rancho Cucamonga, CA 91730
(909) 980-4000 Fax: (909) 980-2643

590-593 (35)

URS Facsimile

Date: June 20, 2005 Page 1 of: 2

To: Mr. Iheanacho Ofo
County of Los Angeles
Department of Public Works
Firm: Environmental Programs Division

From: Taras B. Kruk

cc: Mr. Emil Wohl

ASSOC w/ C293422

Fax #: (626) 458-3569 Phone #: (626) 458-3517 C305978

UST Closure Investigation
Irwindale Office Building
14005 Live Oak Avenue
Irwindale, California

Subject: LACDPW CLOSURE PERMIT #7963B

C454172

Message: Mr. Ofo: Attached is the title page of a soil boring investigation report dated November 1, 2000 that presents the results of a UST closure investigation for the subject site. The USTs were removed in 1991 and additional investigation was requested by LACDPW prior to issuing closure. The subsequent investigation was performed in accordance with a July 2000 meeting and August 10, 2000 work plan approved by LACDPW.

Along with the work plan, a check amounting to $535 ($401 "initial fee" and $135 one hour "maximum billed oversight fee") for entering into the Voluntary Cleanup Oversight program was also submitted to your attention. These submittals were made pursuant to our August 2, 2000 meeting at your office.

Results of the investigation indicated no detectable hydrocarbons in the soil matrix analyses and only low levels of total lead (less than 5.5 mg/kg). On the basis of these results, URS recommended closure for the former UST area. It should be noted, however, that we never received a copy of the closure letter from LACDPW. Please check your files and forward a copy to my attention at your earliest convenience.

Best Regards,

Taras B. Kruk
URS Corporatoin
FAX: 714-667-7147

URS Corporation
2020 East First Street
Suite 400
Santa Ana, CA 92705
Tel: 714.835.6886
Fax: 714.667.7147
www.urscorp.com

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000590-000593

URS

Facsimile

OHS
IEO

Date: June 23, 2005

Page 1 of: 1

To: Mr. Iheanacho Ofo

From: Taras B. Kruk

Firm: County of Los Angeles
Department of Public Works
Environmental Programs Division

cc:

Fax #: (626) 458-3569

Phone #: (626) 458-3517

Site Contact for
UST Closure Investigation
Irwindale Office Building
14005 Live Oak Avenue
Irwindale, California

Subject: LACDPW CLOSURE PERMIT #7963B

C45/470

Message: Mr. Ofo: In response to your earlier inquiry, LACDWP response letters for the subject site should be addressed to the following person:

The Realty Associates Fund V, L.P.
1301 Dove Street, Suite 860
Newport Beach, California 92660-2440
Attn: Mr. John Powell, Asset Manager

With copies to:

Wohl Management Group, Inc.
2828 East Foothill Boulevard, Suite 201
Pasadena, California 91107
Attn: Emil J. Wohl, Property Manager

URS Corporatoin
2020 East First Street, #400
Santa Ana, CA 92705
Attn: Taras B. Kruk, Project Manager

Thanks,
Taras

URS Corporation
2020 East First Street
Suite 400
Santa Ana, CA 92705
Tel: 714.835.6886
Fax: 714.667.7147
www.urscorp.com

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590-593 (3S)

URS

Facsimile

04hr
IEO

Date: August 30, 2005 Page 1 of: 1

To: Mr. Iheanacho Ofo
County of Los Angeles
Department of Public Works
Firm: Environmental Programs Division
Fax #: (626) 458-3569

From: Taras B. Kruk
cc:
Phone #: (626) 458-3517

Subject: Status of Closure Letter
UST Closure Investigation
Irwindale Office Building
14005 Live Oak Avenue
Irwindale, California
LACDPW CLOSURE PERMIT #7963B

CH609586

Message: Mr. Ofo:

Pursuant to our earlier discussions in May and June, you indicated that a closure letter was being prepared for the above UST case. We have yet to receive a copy. Please let me know if the letter was prepared and if there are any pending issues related to this matter.

Thanks,
Taras

URS Corporation
2020 East First Street
Suite 400
Santa Ana, CA 92705
Tel: 714.835.6886
Fax: 714.667.7147
www.urscorp.com

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591-593 (3S)

Ofo, Iheanacho

From: Ofo, Iheanacho
Sent: Tuesday, August 30, 2005 9:29 AM
To: 'Taras_Kruk@URSCorp.com'
Subject: RE: LACDPW CLOSURE PERMIT #7963B

Mr. Kruk:

At the time of our discussion, a closure letter was indeed prepared and forwarded for typing, however, due to unusual backlog and secretarial manpower shortage at the time, that letter was not finalized as expected. It will be forwarded to the new secretary for completion immediately.
Thank you for your patience.

Iheanacho Ofo MS, MBA
L A County Dept Public Works
Environmental Programs Div
Phone (626) 458-3512
Fax (626) 458-3569
<mailto:iofo@ladpw.org>

-----Original Message-----
From: Taras_Kruk@URSCorp.com [mailto:Taras_Kruk@URSCorp.com]
Sent: Tuesday, August 30, 2005 9:16 AM
To: Ofo, Iheanacho
Cc: John Powell; Emil Wohl
Subject: LACDPW CLOSURE PERMIT #7963B

Mr. Ofo:

Pursuant to our earlier discussions in May and June, you indicated that a closure letter was being prepared for the subject UST case. We have yet to receive a copy. Please let me know if the letter was prepared and if there are any pending issues related to this matter.

Best Regards,

Taras B. Kruk, PG, CHG, CEG
URS Corporation
2020 East First St, Suite 400
Santa Ana, CA 92705
Phone: (714) 433-7694
Fax: (714) 667-7147
email: taras_kruk@urscorp.com

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UNITED
CONCRETE PIPE
CORPORATION

5 903118

~~JOA~~ PAP
I-593-3S
604.0

ajmt Reviewed

December 1, 1989

County of Los Angeles
Dept. of Public Works
Waste Mgmt. Division
900 S. Fremont Ave.
Alhambra, CA 91803-1331

5

Attention: John Awuja

RE: HMUSP 157
FILE 593
PERMIT 4654B, & PERMIT 5418

Dear Mr. Awuja:

The geologist's report for the 500 gallon sump and 3,000 gallon waste oil tank is enclosed. If any additional information is required, please let me know so that this closure can be completed.

Sincerely,

Fritz C. Gobler, P.E.

FCG:ag

Encl.

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

805118

JOA

Z-593-35

TANK CLOSURE REPORT

prepared for

[redacted]

prepared by

[redacted]

[redacted]

INTRODUCTION

The United Concrete Pipe Corporation located at 14041 East Live Oak Avenue in the City of Irwindale, California had used a waste oil system consisting of a 500 gallon concrete sump piped to a 3,000 gallon steel storage tank. In order to comply with the Los Angeles County Public Works Department, Waste Management Division's underground storage tank regulations, United Concrete Pipe Corporation requested the permanent closure of this tank, including removal of the sump and all associated piping. Closure permit #5418B was issued March 16, 1989 (Appendix A). The tank and sump were removed from the ground on March 23, 1989 by Rudy's Service Station Repair and Maint., Inc. of South El Monte, California. The tank was triple rinsed and this rinsate material manifested and taken to Petroleum Recylcing Center in Signal Hill, California (Appendix B). The tank was then rendered inert and certified clean by Harbor Testing Laboratory (Appendix C). The tank was removed from the site the same day by American Metal Recycling in Ontario, California (Appendix D). Soil sampling and laboratory analyses to determine the past integrity of the tank and future use of the soil was peformed by TERRA TECH LABS, Inc. on March 31, April 13 and April 14, 1989. All excavated soil was stockpiled adjacent to the tank pit pending laboratory analyses.

PROCEDURE

Two soil samples were collected from this site on March 31, 1989. One sample each (S2 and S1) was collected from two beneath the north and south ends.

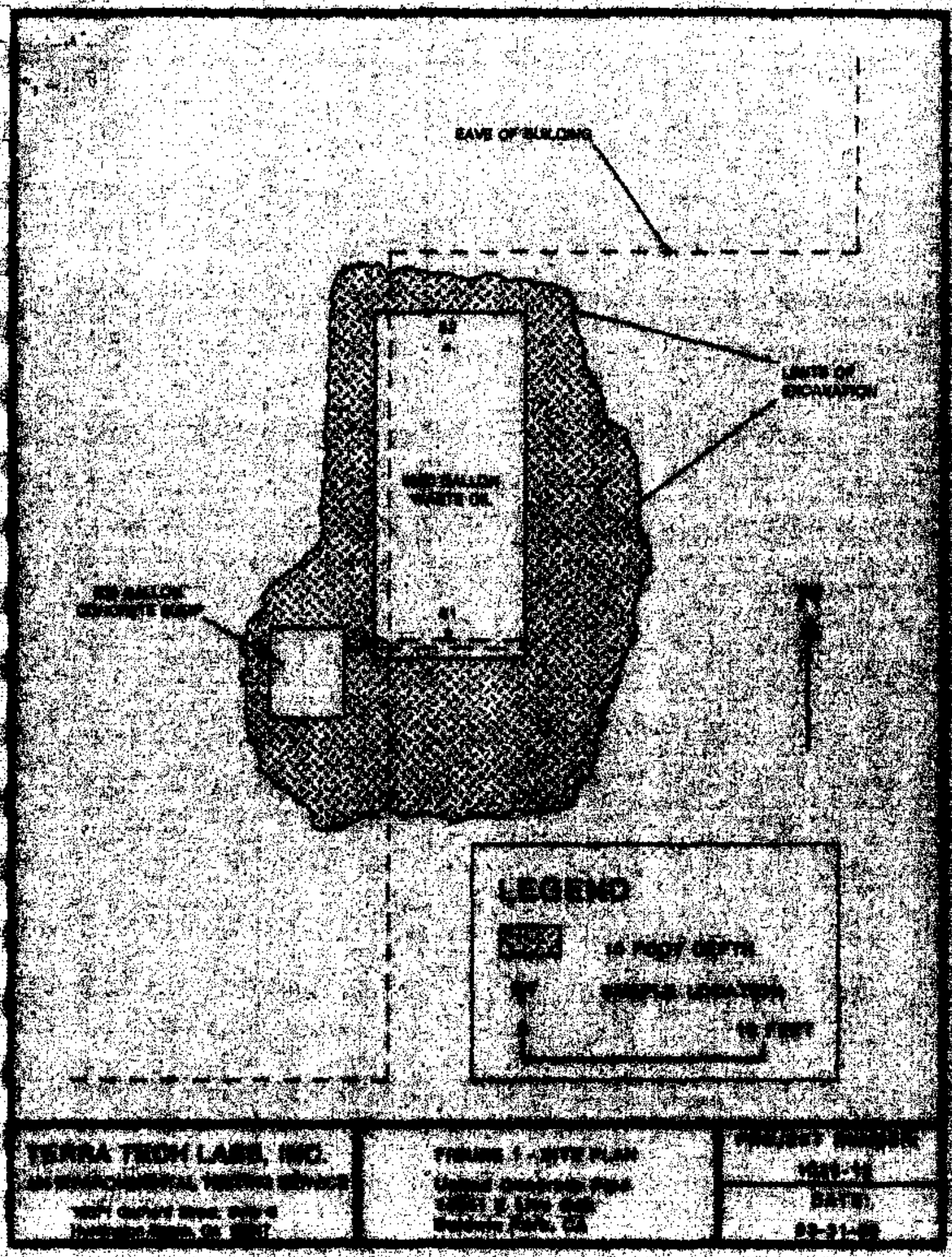
respectively, of the tank (ten feet below ground surface). See Figure 1 for sample locations. These samples were collected under the direction and supervision of Mr. Tony Palagyi, Inspector for the Los Angeles County Department of Public Works Waste Management Division.

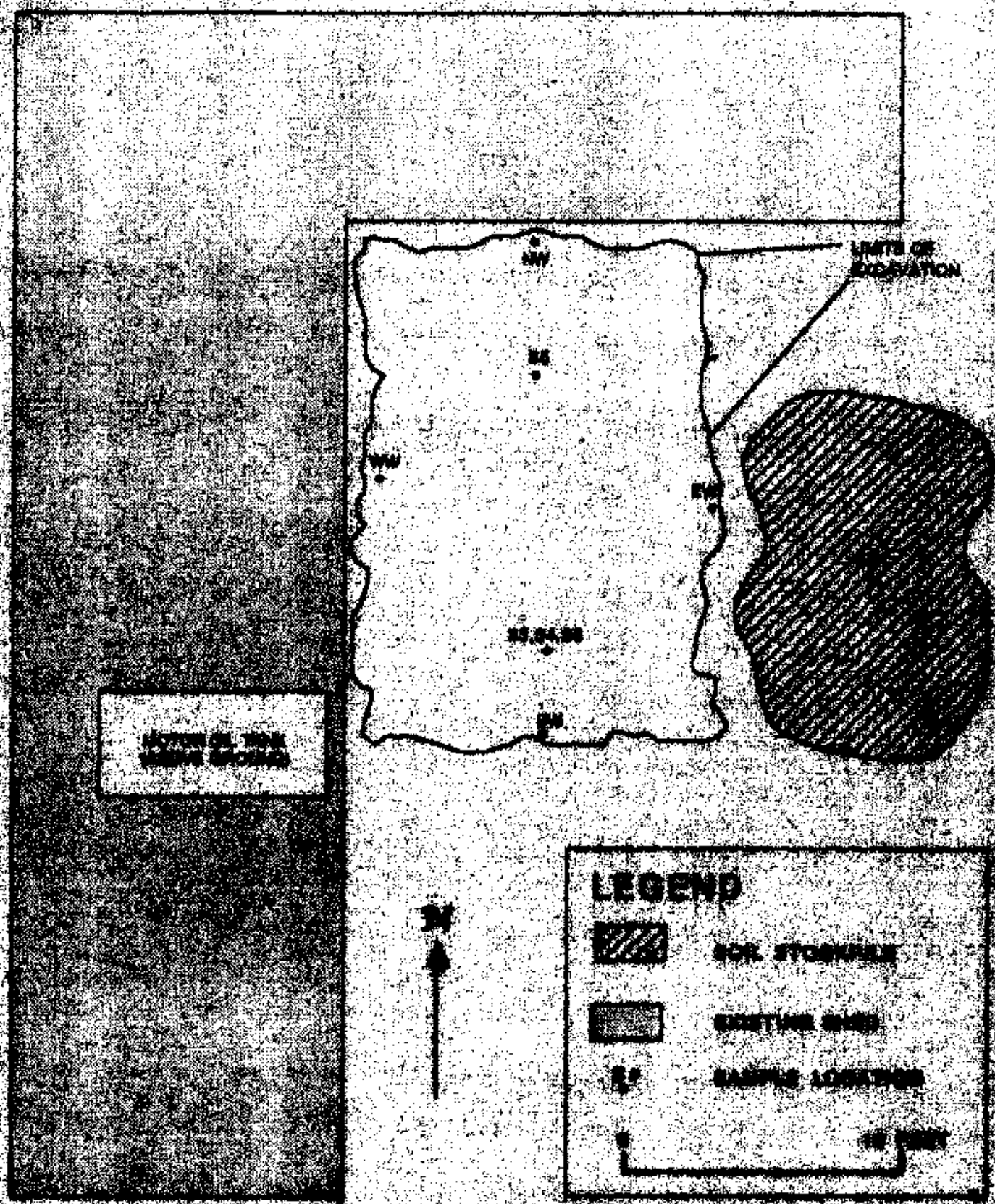
On April 13, 1989 two additional samples (S3 and S4) were collected from four and six feet beneath the south end of the 3,000 gallon waste oil tank excavation, respectively (fourteen and sixteen feet below ground surface). One sample (SP1) was also collected from the surrounding spoils pile. See Figure 2.

On April 14, 1989 an additional six samples were collected from the tank excavation. Two samples (S5 and S6) were collected from the north and south ends of the tank excavation at a depth of approximately seventeen feet below ground surface. One sample each (NW, SW, EW and WW) was collected from the north, south, east and west walls, respectively. These wall samples were collected at a depth of sixteen feet below ground surface. See Figure 2 for sample locations. This sampling was overseen by Mr. Tony Palagyi of the Los Angeles County Department of Public Works.

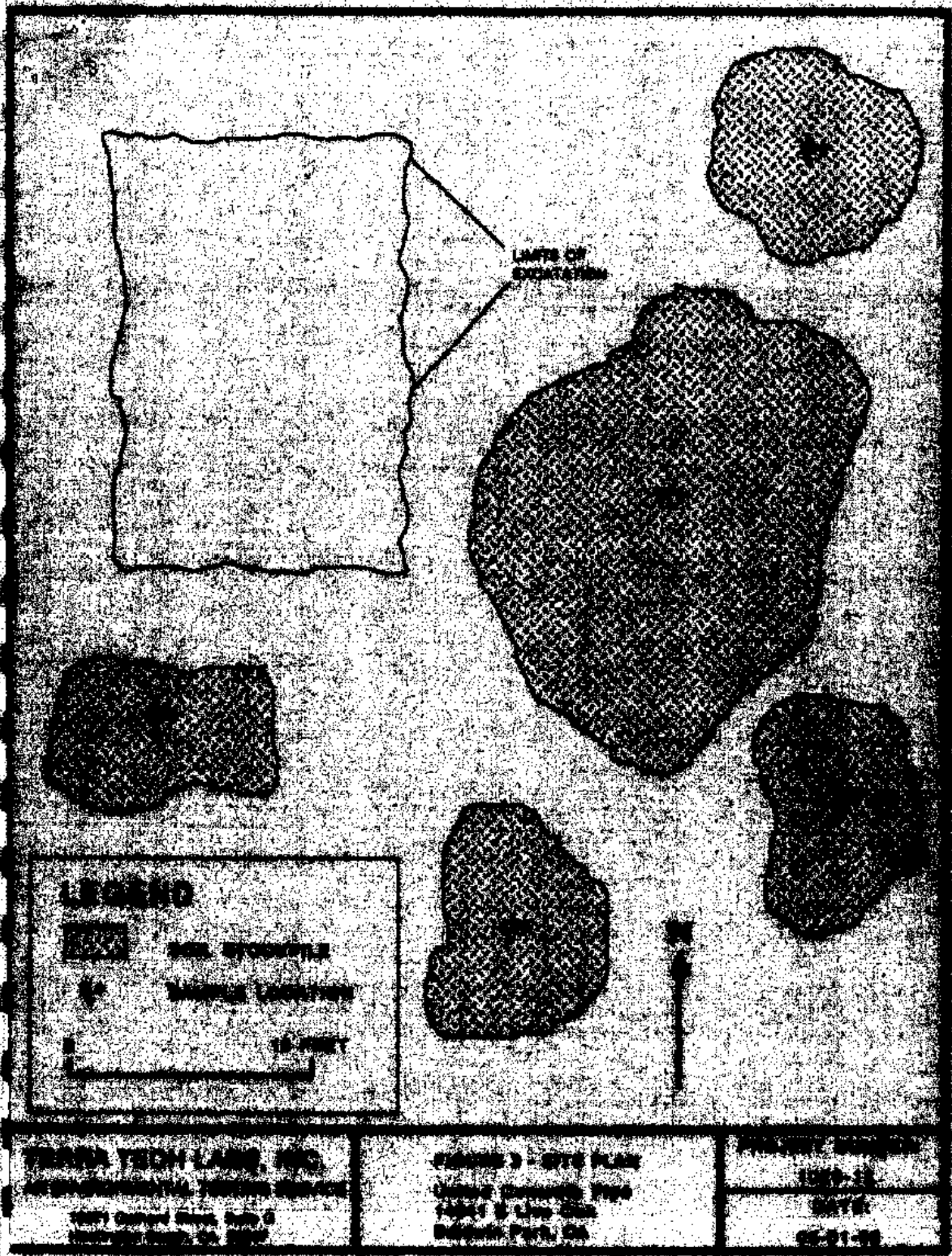
The contaminated soil removed from the excavation was segregated into five spoils piles and the United Concrete Pipe Company requested that TERRA TECH LABS, Inc. return to the site to sample these spoils piles. On June 1, 1989 five samples (SP1-SP5) were collected from the site, one from each spoils pile. See Figure 3 for spoils pile locations and sample locations.

The soil samples were collected with a clean trowel that was washed with trisodium phosphate (TSP), rinsed in distilled water and air dried before each sample


EAVE OF BUILDING
LIMITS OF EXCAVATION
LEGEND



TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE [illegible] Gothard Street, Suite G Huntington Beach, CA [illegible]	FIGURE 2 - SITE PLAN United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	PROJECT NUMBER [illegible] DATE: April, [illegible]


LIMITS OF
EXCAVATION

was collected. The samples were packed in sterile 8 oz., open mouth glass jars until full, thus allowing no headspace. The jars were then sealed with screw-top caps containing Teflon liners, labeled, and stored in a cooler with ice to maintain laboratory storage temperatures of approximately 4 degrees Centigrade until mobile analyses could be performed. Chain-of-Custody records were completed for each sample to ensure traceability (Appendix E). These samples were collected from the center of the bucket of a backhoe and gradall after soil had been removed down to the aforementioned depths.

Visual inspection of the tank revealed no evidence of leakage or spillage. No odors or staining were evident in the tank excavation. Ground water was not observed in the tank excavation. According to the Los Angeles County Flood Control District's well # 3020G as of October 1988, the depth to ground water adjacent to this site was 159.2 feet below ground surface.

The soil samples were submitted to TERRA TECH LABS, Inc. of Huntington Beach, California on March 31, April 13, April 14, and June 1, 1989. The analysis specified and performed for the samples collected was in accordance with EPA Method 418.1. This method utilizes a solvent (Freon-113) extraction and then analysis with an infrared spectrophotometer (IR). The two original samples collected from the tank excavation (S1 and S2) were also analyzed in accordance with EPA Method 8020 for volatile aromatics.

LABORATORY RESULTS

Chemical analysis of the soil samples collected on March 31, 1989 revealed

sample S1 to have a detectable total recoverable petroleum hydrocarbon concentration of 4780 mg/kg and sample S2 to have a detectable total recoverable petroleum hydrocarbon concentration of 33.1 mg/kg. Sample S2 revealed no detectable volatile aromatic concentrations and sample S1 revealed no detectable benzene, ethylbenzene or total xylene concentrations. Sample S1 revealed a very low detectable level of toluene (0.58 mg/kg). According to the Los Angeles County Department of Public Works, the generally accepted action limit for petroleum hydrocarbons is 100 mg/kg. Therefore, further excavating, sampling and analyses were performed on April 13 and 14, 1989.

Chemical analysis of the two samples (S3 and S4) collected from the south floor of the tank excavation on April 13, 1989 revealed total recoverable petroleum hydrocarbon concentrations of 259 and 202 mg/kg, respectively. The spoils pile sample collected on this date revealed a total recoverable petroleum hydrocarbon concentration of 318 mg/kg. Since these soil samples exceeded the action limit, additional samples were required. Chemical analysis of the six samples (S5, S6, NW, SW, EW and WW) collected on April 14, 1989 revealed total recoverable petroleum hydrocarbon concentrations of ND, 77.7 mg/kg, ND, 30.4 mg/kg, ND and 93.8 mg/kg, respectively (where ND means not detected at 1.0 mg/kg). These samples were not analyzed by EPA Method 8020 for volatile aromatics because the most contaminated sample (S1) did not reveal any significant volatile aromatic concentrations. Because all of these deeper floor and wall samples revealed total recoverable petroleum hydrocarbon concentrations less than the generally accepted action level of 100 mg/kg,

no further sampling or analyses were performed from the tank excavation. See Appendix F for all laboratory results.

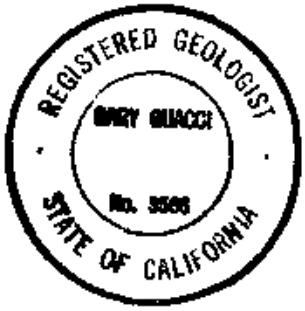
The contaminated soil that was removed from the excavation was stockpiled adjacent to the tank excavation while disposal and treatment options are explored. Chemical analysis of the five soil samples collected from the surrounding spoils piles revealed total recoverable petroleum hydrocarbon concentrations of 545, 1500, 1150, 644 and 649 mg/kg (samples SP1-SP5, respectively). See Appendix F. United Concrete Pipe Corporation decided to haul their contaminated soil to a Class 1 Hazardous Waste Facility, but only after a waste minimization process. This waste minimization process was performed in order to remove the rocks and boulders from the soil because of the much lower surface area to weight ratio (representing contaminated soil) of the larger particles (the rocks and boulders). This process was verbally approved by Ms. Nichole Long of the Los Angeles County Department of Public Works (Appendix G). All material from the excavation was passed over a one inch opening screen powered by pneumatic vibrators. Undersize (less than one inch) material was hauled to the Class 1 landfill, while oversize (greater than one inch) material was used as part of the backfill. Approximately one hundred fifty two tons of contaminated soil was removed from this site and sent to Casmalia Resources in Casmalia, California (Appendix H).

The preceding sampling procedures were reviewed and found acceptable by a California Registered Geologist whose validation appears below:

Gary Guacci, R.G.

State Registration Number: 3566

Project #: 1026-12



Gary Guacci
(signature)

7/9/89
(date)

APPENDIX A

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

RECEIVED
JAMES M. MORGAN
AUG 1 1989

Permit	5418 B
File	593 R/C 35
Fee	$ 141.00
Check [X]	Cash [ ]

OWNER: Name UNITED CONCRETE PIPE Phone 818-337-1211
Mailing Address 14041 E. LIVE OAK AVE City BALDWIN PARK State CA Zip 91706

FACILITY:
Occupant Name UNITED CONCRETE PIPE Phone 818-337-1211
Site Address 14041 E. LIVE OAK AVE City BALDWIN PARK Zip 91706
Mailing Address SAME City SAME State Zip SAME
Contact Person BILL RICHARDSON Title FOREMAN

CONTRACTOR [ ], complete below: OWNER/OPERATOR AS CONTRACTOR [X]
Name RUDY'S SERVICE STATION MAINT. INC Phone 818-443-0181
State License No. 535465 Class C61-D40

CLOSURE REQUESTED:
[ ] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Construction Material	Age (Years)	Capacity (gal)	Materials Stored (Past/Present)
1	STEEL	15	3,000	WASTE OIL

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Have structural repairs ever been made to these tanks?	[ ]	[X]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature Ruby Agoanouna Date 3-16-89
(Print Name) RUBY AGOANOUNA Phone 818-443-0181
Owner [X] Operator [ ] Contractor [ ]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

By D. Bauer Date 3/16/89

APPENDIX B

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD003986718 — Manifest Document No.: 82075
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: UNITED CONCRETE PIPE, 14041 E. LIVE OAK AVE, CAMDEN PARK CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 87782075
B. State Generator's ID: CAD003986718

5. Transporter 1 Company Name: SAN RAY WASTE OIL
6. US EPA ID Number: CAD982366620
C. State Transporter's ID: 906097
D. Transporter's Phone: 818 575-6511

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: PETROLEUM RECYCLING CENTER, 1835 E 29 ST, SIGNAL HILL CA 90806
10. US EPA ID Number: CAT080011050
G. State Facility's ID: CAT080011050
H. Facility's Phone: 213-595-6597

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE FLOODS COMBUSTIBLE N.O.S N.A 1270	001	TT	750	G	State 241 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: WASTE OIL AND WATER - FROM UNDERGROUND STORAGE TANK. TO BE REMOVED. 90

K. Handling Codes for Wastes Listed Above: a. K01 b. c. d.

15. Special Handling Instructions and Additional Information: Gloves / Ground Cable

16. ... by declare that the contents of this consignment are fully and accurately described above by proper shipping ...d, and labeled, and are in all respects in proper condition for transport by highway according to applicable ...ulations.

...ly that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have ...ble and that I have selected the practicable method of treatment, storage, or disposal currently available to ...re threat to human health and the environment; OR, if I am a small quantity generator, I have made a good ...ion and select the best waste management method that is available to me and that I can afford.

PRC
2651 Walnut Avenue
Signal Hill, California 90806

Printed/Typed Name	Signature	Month Day Year
BILL RICHARDSON	BILL RICHARDSON	03 31 89

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
VAN SEMINAS (SR-BA1)	[signature]	03 31 89

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
Linen Brooks	[signature]	04 01 89

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

INSTRUCTIONS ON THE BACK

APPENDIX C

SALDWIN PARK

THOMAS R. BECK & ASSOC., INC.
dba HARBOR TESTING LABORATORY
24 HOUR PHONE (213) 834-5223

MARINE CHEMIST CERTIFICATE

SERIAL NO. S 2050

Survey Requested by	Vessel Owner or Agent	Date
RUDY'S MAINT.	UNITED CONCRETE PIPE	31 MARCH 89

Vessel	Type of Vessel	Specific Location of Vessel
1 TANK	UNDERGROUND TANK	14041 E. LIVE OAK AVE

Last Cargo	Test Method	Time Survey Completed
WASTE OIL	150 [illegible] VOLUME	[illegible]

UNDERGROUND STORAGE TANK IDENTIFIED WITH RED SPRAY PAINT

2050

TESTED 0% LEL
21 % OXYGEN

SAFE FOR HOT WORK TO CUT TANK INTO SCRAP. [illegible] TANK INTERIOR AT BOTTOM CONTAINS THREE HEATING COILS. NO HOT WORK [illegible] HEATING COILS CONDITION WITHIN COILS [illegible]. NO SAFE FOR WORKERS. TO ENTER TANK NOT TESTED FOR SPECIFIC TOXICS.

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306-1980, Subsections 1-6.1 through 1-6.4, and Subsection 5-3.2).

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers has not been met.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306-1980 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-3 of NFPA 306-1980 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed _____ Name _____ Company _____ Date _____

Signed _____ Marine Chemist _____ Certificate No. _____

APPENDIX D

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 30470

TANK DISPOSAL FORM

Date: 3-23 ,1989.
Job #
P. O. #

CONTRACTOR: Rudys Service
ADDRESS: 2017 Seaman Av. S. El Monte, CA 91733
JOB SITE: United Concrete
ADDRESS: 14041 E. Live Oak
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.
3-30-89	10:00	1-3000		

SPECIAL INSTRUCTIONS: one Truck
Pick up Check

TIME IN: 10:00
TIME OUT: 10:50

check #4807

Paid In Full

TANKS RECEIVED QTY.	GALLONS	TYPE F* S*	NET TONS	TOTAL
	280	☐ ☐	.14	
	500	☐ ☐	.21	
	550	☐ ☐	.24	
	1000 - 12 ft.	☐ ☐	.44	
	1000 - 6 ft.	☐ ☐	.81	
	1500	☐ ☐	.87	
	2000	☐ ☐	.97	
	2500	☐ ☐	1.14	
1	3000	☐ ☐	1.32	1.32
	4000	☐ ☐	1.84	
	5000	☐ ☐	2.42	
	6000	☐ ☐	2.84	
	7500	☐ ☐	3.26	
	8000	☐ ☐	3.44	
	9000	☐ ☐	3.82	
	10000	☐ ☐	4.33	
	12000	☐ ☐	4.93	

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

NO. OF TANKS: 1 TOTAL NET TONS: 1.32

*F — FIBERGLASS *S — STEEL 10G

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP

3-31-89.
DATE

CONTRACTOR COPY

APPENDIX II

CHAIN-OF-CUSTODY RECORD

Client: KSSM
Client Project #:
Project #: 1026-12
Project Name: United Concrete Pipe.
Site Address: 14041 E. Live Oak.
Baldwin Park, CA
Sampler's Signature: Thomas F. Weil
Date: 03-31-89 Page 01 of 01

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED:
☐ 8 Hours ☒ 24 Hours
☐ 72 Hours ☐ 7 Days

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
S1	S. end of tank 2' below tank bottom	03-30-89	11:02		✓	✓					01	Soil, glass jar.
S2	N. end of tank 1½' below tank bottom	03-30-89	11:06		✓	✓					01	Soil, glass jar

Relinquished by: (Signature)	Date	Received by: (Signature)	Date
Thomas F. Weil	03-31-89		
Company: Terra Tech Labs	Time 12:30	Company:	Time
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) Brian Callahan	Date 3/31/89
Company:	Time	Company: TERRA TECH LABS	Time 12:30

02 Total Number of Containers

TERRA TECH LABS, INC.
16371 Gothard St. Suite G
Huntington Beach, CA 92647
Tel. (714) 842-6077

CHAIN-OF-CUSTODY RECORD

Client: Rudy's Service Station Repair & Maintenance
Client Project #:
Project Name: United Concrete Pipe
Site Address: 14041 East Live Oak, Baldwin Park, CA
Sampler's Signature: Lisa Newcombe-Dieri

Project #: 1026-12
Date: 4/13/89 Page 01 of 01

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED:
☐ 8 Hours ☐ 24 Hours
☐ 72 Hours ☐ 7 Days
ON-SITE

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
SP1	Surrounding spoils pile	4/13/89	745			✓					1	soil, glass jar
S3	south end of tank, 4' below tank	4/13/89	750			✓					1	
S4	south end of tank, 6' below tank	4/13/89	810			✓					1	

Relinquished by: (Signature)	Date	Received by: (Signature)	Date
Lisa Newcombe-Dieri	4/13/89		
Company: Terra Tech Labs	Time 1430	Company:	Time
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature)	Date
		[signature]	04-13-89
Company:	Time	Company: TTL	Time 1430

Total Number of Containers

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92647
Tel (714) 842 6077

CHAIN-OF-CUSTODY RECORD

Client: Rudy's Service Station Repair & Maint.
Client Project #:
Project Name: United Concrete Pipe
Site Address: 14041 E. Live Oak, Baldwin Park, CA
Sampler's Signature: Lisa Newcombe-Dierl

Project #: 1026-12
Date: 4/14/89 Page 01 of

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED
☐ 8 Hours ☐ 24 Hours
☐ 72 Hours ☐ 7 Days

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
NW	north wall at 16' below grand	4/14/89	8:35			✓					1	soil, glass jar
S5	north floor at 17' below grand	4/14/89	8:40			✓					1	↓
S6	south floor at 17' below grand	4/14/89	9:10			✓					1	↓
SW	south wall at 16' below grand	4/14/89	9:15			✓					1	↓
EW	east wall at 16' below grand	4/14/89	9:25			✓					1	↓
WW	west wall at 16' below grand	4/14/89	9:30			✓					1	soil, glass jar

Relinquished by: (Signature)	Date	Received by: (Signature)	Date	
Lisa Newcombe-Dierl	4/14/89			6 Total Number of Containers
Company: Terra Tech Labs	Time 11:00 a.m.	Company:	Time	
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) Thomas P. Wirl	Date 04-14-89	
Company:	Time	Company: Terra Tech Labs	Time 11:00 a.m.	

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92617
Tel (714) 842 6077

CHAIN-OF-CUSTODY RECORD

Client	Client Project #	Analysis Requested								Project # 1026-12
Project Name: Reinforced Concrete Pipe										Date 6-01-89 Page 01 of 01
Site Address: 11041 E. Live Oak, Baldwin Park, Ca										SAMPLE CONDITION Rec'd on Ice yes/no Sealed Container yes/no
Sampler's Signature: [signature]										TURNAROUND REQUESTED: ☐ 8 Hours ☐ 24 Hours ☐ 72 Hours ☒ 7 Days

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
P1	[illegible] PILE	06-01-89	10:08			✓					01	SOIL/GLASS JAR
P2	[illegible] PILE	06-01-89	10:13			✓					01	SOIL/GLASS JAR
P3	[illegible] PILE	06-01-89	10:19			✓					01	SOIL/GLASS JAR
P4	[illegible] PILE	06-01-89	10:26			✓					01	SOIL/GLASS JAR
P5	[illegible] PILE	06-01-89	10:31			✓					01	SOIL/GLASS JAR
										1		

Relinquished by: (Signature)	Date	Received by: (Signature)	Date	05	Total Number of Containers
[signature]	6-01-89				
Company: [illegible] LAB	Time 12:30	Company:	Time		
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) [signature]	Date 6/1/89		
Company:	Time	Company: [illegible]	Time 2:30		

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92647
Tel. (714) 842-6077

APPENDIX F

TERRA

TECH

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR & MAINTENANCE, INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK, CALIFORNIA

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : MARCH 31, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID#	CONCENTRATION (mg/kg)
S1	4780
S2	33.1

Reviewed & Approved: Lisa Narvaez-Davis
Date: 4/3/89

Note: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

TECH

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIE OAK
BALDWIN PARK, CALIFORNIA

ANALYSIS OF VOLATILE AROMATICS
EPA METHOD 8020

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : APRIL 1, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYLBENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
S1	ND,.01	0.58	ND,.05	ND,.05
S2	ND,.01	ND,.01	ND,.05	ND,.05

ND - Not detected at indicated level of detection.

Reviewed & Approved: Lisa Navarrete-Dieri
Date: 4/5/89

NOTE: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : April 13-14, 1989
DATE ANALYZED : April 13-14, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	CONCENTRATION (mg/kg)
SP1	318
S3	259
S4	202
NW	ND (1.0)
S5	ND (1.0)
S6	77.7
SW	30.4
EW	ND (1.0)
WW	93.8

ND - Not detected at indicated level of detection.

Reviewed&Approved: [signature]
Date: 4/18/89

Note: Samples were received by the mobile laboratory, intact and with Chain-of-Custody attached.

APPENDIX G

UNITED
CONCRETE PIPE
CORPORATION

June 26, 1989

Los Angeles County
Department of Public Works
Waste Management Division
P.O. Box 1460
Alhambra, CA 91802-1460

Attention: Ms. Nichole Long

Dear Ms. Long:

We have acted upon your verbal approval and backfilled the excavation remaining after removal of our 3,000 gallon waste oil tank.

About one-third of the backfill material was boulders and rocks - the oversize from the 1 inch screening process. The 151.68 tons of undersize was hauled to Casmalia Resources on June 19, 1989.

The screening process resulted in an estimated one-third reduction of material that had to go to disposal. Tony Palagyi of your organization's Arcadia office observed our screening operation. I wish your schedule had permitted you to check it out. I expect, however, that another opportunity will soon come up.

In the meantime, we'll be working on the details needed for completion of this project.

Thanks.!

Sincerely,

Bill Richardson
Principal Project Engineer

BR:ag

cc: G. D. Redmond
Tony Palagyi

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

APPENDIX H

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD982523423 | Manifest Document No: 000006
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE CORPORATION
16041 E. Live Oak Avenue
Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451711
B. State Generator's ID: CAX036-021888 9

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID:
D. Transporter's Phone: (714) 625-4645

7. Transporter 2 Company Name: J-CAL TRANS
8. US EPA ID Number: CAD980814983
E. State Transporter's ID: 200283
F. Transporter's Phone: 213 926 770

9. Designated Facility Name and Site Address
Casmalia Resources
Ntw Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020748125
G. State Facility's ID:
H. Facility's Phone: 805 737 2441

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other CA Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile# 185200[illegible]

K. Handling Codes for Wastes Listed Above
a. 03 b.
c. d.

15. Special Handling Instructions and Additional Information
Gloves and goggles
Quote# 1399SM

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: Bill Richardson
Signature: Bill Richardson
Month Day Year: 06 19 89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard Ramos
Signature: Richard Ramos
Month Day Year: 06 19 89

FACILITY

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: Casmalia Resources by Fuentes
Signature: Casmalia Resources by Fuentes
Month Day Year: 06 19 89

Do Not Write Below This Line

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

88451711

GENERATOR — FILE — TRANSPORTER — FACILITY

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982539455 Manifest Document No. 000005

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address: United Concrete Pipe, 14041 E. Live Oak, Baldwin Park, CA

A. State Manifest Document Number: 88451712

B. State Generator's ID: HAHQ 36029859

4. Generator's Phone: (818) 337-1211

5. Transporter 1 Company Name: M C Transport — 6. US EPA ID Number: CAD982054646 — C. State Transporter's ID: 901640 — D. Transporter's Phone: 619 992-2755

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: Casmalia Resources, Hwy 1, Casmalia, CA 93429 — 10. US EPA ID Number: CAD 020746125 — G. State Facility's ID — H. Facility's Phone: 805 937-2445

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Cal. Equiv. Regulated Waste (Soil)		DM	000284	T	State 611 / EPA/Other 134 Cal
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

GENERATOR COPY Return To Generator

J. Additional Descriptions for Materials Listed Above: 11.H 30.2 Contaminated Soil with Motor Oil — Profile # 165002 4CR

K. Handling Codes for Wastes Listed Above: a. 03 — b. — c. — d.

15. Special Handling Instructions and Additional Information: Gloves & Goggles — Quote # 1399 541

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.

GENERATOR — Printed/Typed Name: Bill Richardson — Signature: Bill Richardson — Month Day Year: 06 19 89

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: [illegible] — Signature — Month Day Year: 6 19 89

TRANSPORTER — 18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: Steve Mariscal — Signature — Month Day Year: 6 19 89

FACILITY — 19. Discrepancy Indication Space

FACILITY — 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. — Printed/Typed Name: Camalia Resources — Signature — Month Day Year: 6 20 89

DHS 8022 A (1/88)
CA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

GENERATOR — IN CASE OF EMERGENCY ON SHIP, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88451712

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter)

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD982523425 — Manifest Document No.: 00004
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin park, CA 91706

4. Generator's Phone (818 337-1211

A. State Manifest Document Number: 88451714
B. State Generator's ID: NAE036 029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID: 006738
D. Transporter's Phone: (714) 625-6645

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:
CASMALIA RESOURCES
Wtu Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020748125
G. State Facility's ID:
H. Facility's Phone: CAD020748125

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile# 16520024CR

K. Handling Codes for Wastes Listed Above
a. b. c. 03 d.

15. Special Handling Instructions and Additional Information
Gloves and goggles
Quote# 1399SM

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: BILL RICHARDSON — Signature: BILL RICHARDSON — Month Day Year: 061989

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: TERRY L. BROWN — Signature: [signature] — Month Day Year: 061989

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: #119465 Net. 45,300 lb CASMALIA RESOURCES — Signature: [signature] M. Moody — Month Day Year: 061989

Do Not Write Below This Line

DHS 8022 A (1/88)
EPA 6700—22
(F... 9-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

88451714

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

88451715

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982523425 — Manifest Document No.: 000002
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451715
B. State Generator's ID: NANQ36-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID: 006730
D. Transporter's Phone: (714) 625-6645

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:
CASMALIA RESOURCES
Ntu Road
Casmalia, CA 92429
10. US EPA ID Number: CAD020748125
G. State Facility's ID: CAD020748125
H. Facility's Phone: 8059378449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	[illegible]	State 611; EPA/Other Ca Only
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile #1652002ACR

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
Gloves and goggles — Quote# 1399SM

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.

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Printed/Typed Name: BILL RICHARDSON — Signature: BILL RICHARDSON — Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: KEVIN Cloddy — Signature: [signature] — Month Day Year: 06 19 89

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: Casmalia Resources #119469 46,784 lbs — Signature: Dennis Fraley — Month Day Year: 06 19 89

DHS 8022 A (1/88)
A 8700—22
(rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD982523425 — Manifest Document No.: 00003
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451716
B. State Generator's ID: NAHQ36-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID:
D. Transporter's Phone: (714) 625-6645

7. Transporter 2 Company Name: MC TRANSPORT
8. US EPA ID Number: CAD982954610
E. State Transporter's ID: 006734
F. Transporter's Phone: 813 717 [illegible]

9. Designated Facility Name and Site Address
CASMALIA RESOURCES
Nta Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020748126
G. State Facility's ID: [illegible]
H. Facility's Phone: 805 937 8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	[illegible]	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile# 16520024CR

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
Gloves and goggles Quote# 1399SM

16.
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Printed/Typed Name: BILL RICHARDSON
Signature: BILL RICHARDSON
Month Day Year: 06 1 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible]
Signature: [illegible]
Month Day Year: [illegible]

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: [illegible] Nat. Sr. Tools [illegible] RESOURCES
Signature: [illegible]
Month Day Year: [illegible]

GENERATOR / TRANSPORTER / FACILITY

88451716

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982523425 — Manifest Document No.: 00001
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451717
B. State Generator's ID: NAHQ36-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal — 6. US EPA ID Number: CAT000611483
C. State Transporter's ID: 006732
D. Transporter's Phone: (714) 625-6645

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
CASMALIA RESOURCES
Ntu Road
Casmalia, Ca 93429
10. US EPA ID Number: CAD020748125
G. State Facility's ID: CAD020748125
H. Facility's Phone: 805 937-8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile.# 16520024CR

K. Handling Codes for Wastes Listed Above
a. 03 b.
c. d.

15. Special Handling Instructions and Additional Information
Gloves and goggles — Quote# 1399SM

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.
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Printed/Typed Name: BILL RICHARDSON — Signature: Bill Richardson — Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: [illegible]

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: [illegible] — Signature: [illegible] M. Mood — Month Day Year: 06 19 89

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY OR SPILL CALL THE NATIONAL RESPONSE CENTER 1-424 WITH CALIFORNIA CALL 0-852

88451717

DHS 1022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

CSr

2020 East First Street
Suite 400
Santa Ana, CA 92705
(714) 835-6886
(213) 581-7164
Fax (714) 667-7147

Woodward-Clyde Consultants

January 14, 1992
Project No. 904W217A

RECEIVED
FEB 05 1992
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

Los Angeles County Department of Public Works
900 South Fremont
Alhambra, California 91802

Atten: Waste Management Division

SUBJECT: TANK CLOSURE REPORT
FILE NUMBER 593, PERMIT NUMBER 8058

20039

Dear Mr. Sjoberg,

On behalf of Hughes Markets, Woodward-Clyde Consultants (Woodward-Clyde) is submitting this report regarding the removal of an underground storage tank at 14041 East Live Oaks Avenue, Irwindale, California (Figure 1). This report addresses the items listed in the Los Angeles County Department of Public Works closure report checklist (Attachment A). The tank was a 2000 gallon steel tank containing a waste oil. Figure 2 shows the location of the tank.

The tank was removed on April 23, 1991 in accordance with conditions specified in permit number 8058, file number 593. The general contractor for the removal was J. D. Edwards at 11711 Clark Street, Unit 110, Arcadia, California 91006. They employed the following additional subcontractors:

- Nieto & Sons Trucking, Inc., Brea, California
  (cleaned tanks and hauled and disposed of liquid waste)

- CTL Environmental Services, Harbor City, California
  (Certified Industrial Hygienist)

Woodward-Clyde personnel documented the removal of the tank and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. During the tank removal activities, the air in and around the tank excavation was monitored for volatile organics with an organic vapor analyzer (OVA). The OVA readings were near background (1.5 ppm). The tank was pumped and certified "clean" by a certified industrial hygienist, and was then transported to American Metal Recycling, Inc. 2202 South Milliken Avenue, Ontario, California for disposal. Documentation of the removal, certification, and proper disposal of the tank is included in Attachment B.

Soil samples were collected beneath the ends of the tank (at an approximate depth of 15 feet below grade) as specified in the removal permit. The samples were collected using a backhoe to excavate soil from the desired depth, and then collecting a sample from the bucket of the backhoe, using a spatula. The soil appeared dark and oil stained and had an odor of oil. The samples were grab samples (no borings were drilled), and were collected within one half hour after the tank was removed (between 1:30 and 1:45 pm). They were stored on ice and transported with chain-of-custody documentation to West Coast Analytical Service, Inc. for analysis for total petroleum hydrocarbons (TPH) by EPA Method 418.1 and for volatile aromatic hydrocarbons by EPA Method 8020. Laboratory reports and chain-of custody forms are included in Attachment C.

The analytical results revealed 10,900 and 17,000 mg/kg of TPH in the soil beneath the tank. Ethylbenzene, toluene and total xylenes were also detected in concentrations ranging from 270 to 22,000 ug/kg. Additional work has been completed to define the extent of TPH near the waste oil tank. Refer to the report entitled "Investigation of Waste Oil Tank at 14041 East Live Oak Avenue, Irwindale, California" for additional site characterization.

Given the nature of the contamination and the proximity to a major highway (Arrow Highway), in-situ bioremediation is being considered as a preferred remedial alternative.

CERTIFICATION

I have reviewed this report and declare that the information included herein is true and accurate and complete to the best of my knowledge.

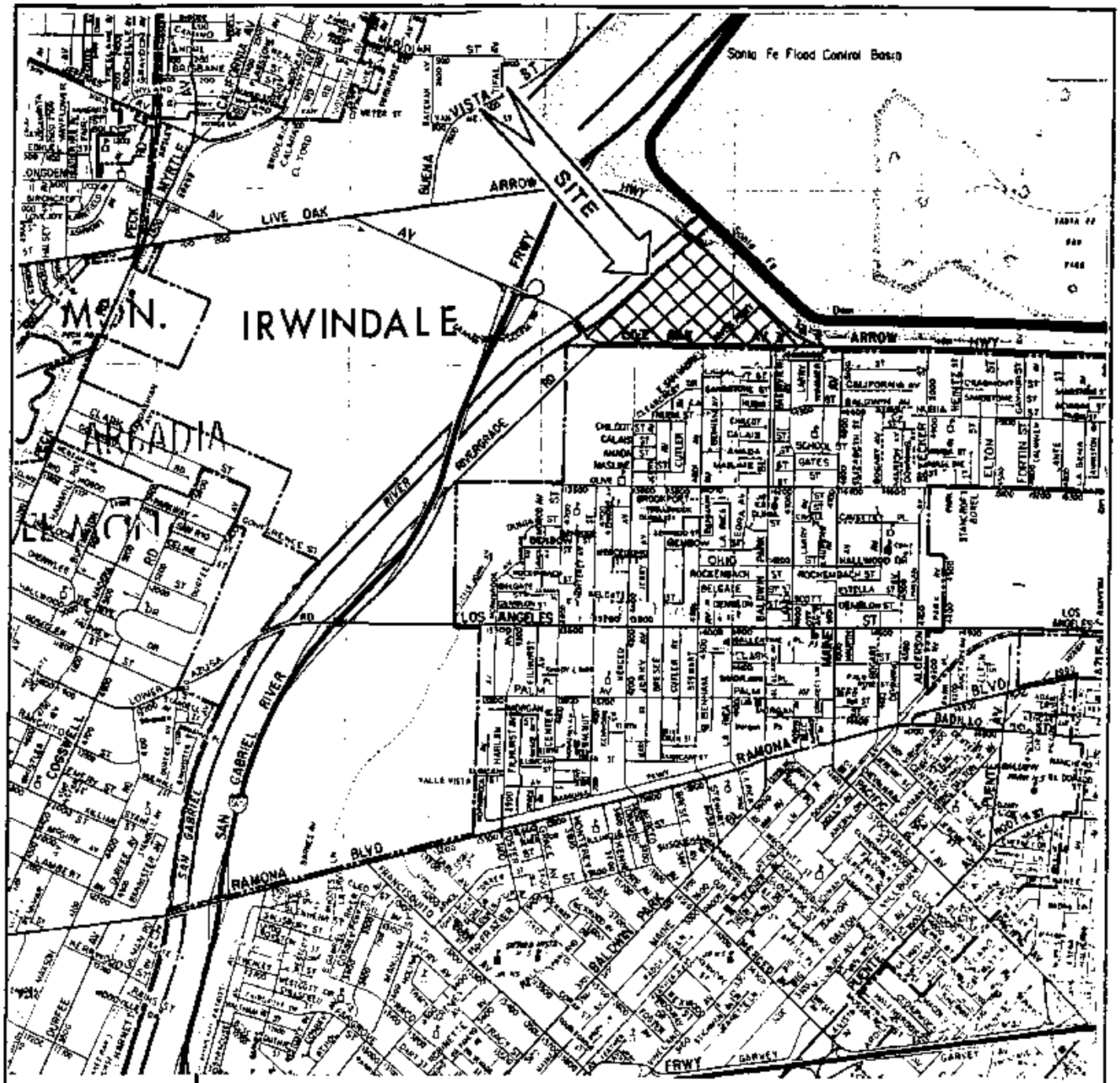
Signature

Dennis E. Jensen
Senior Project Geologist



Attachments

b:\s\ucp\closure.t1



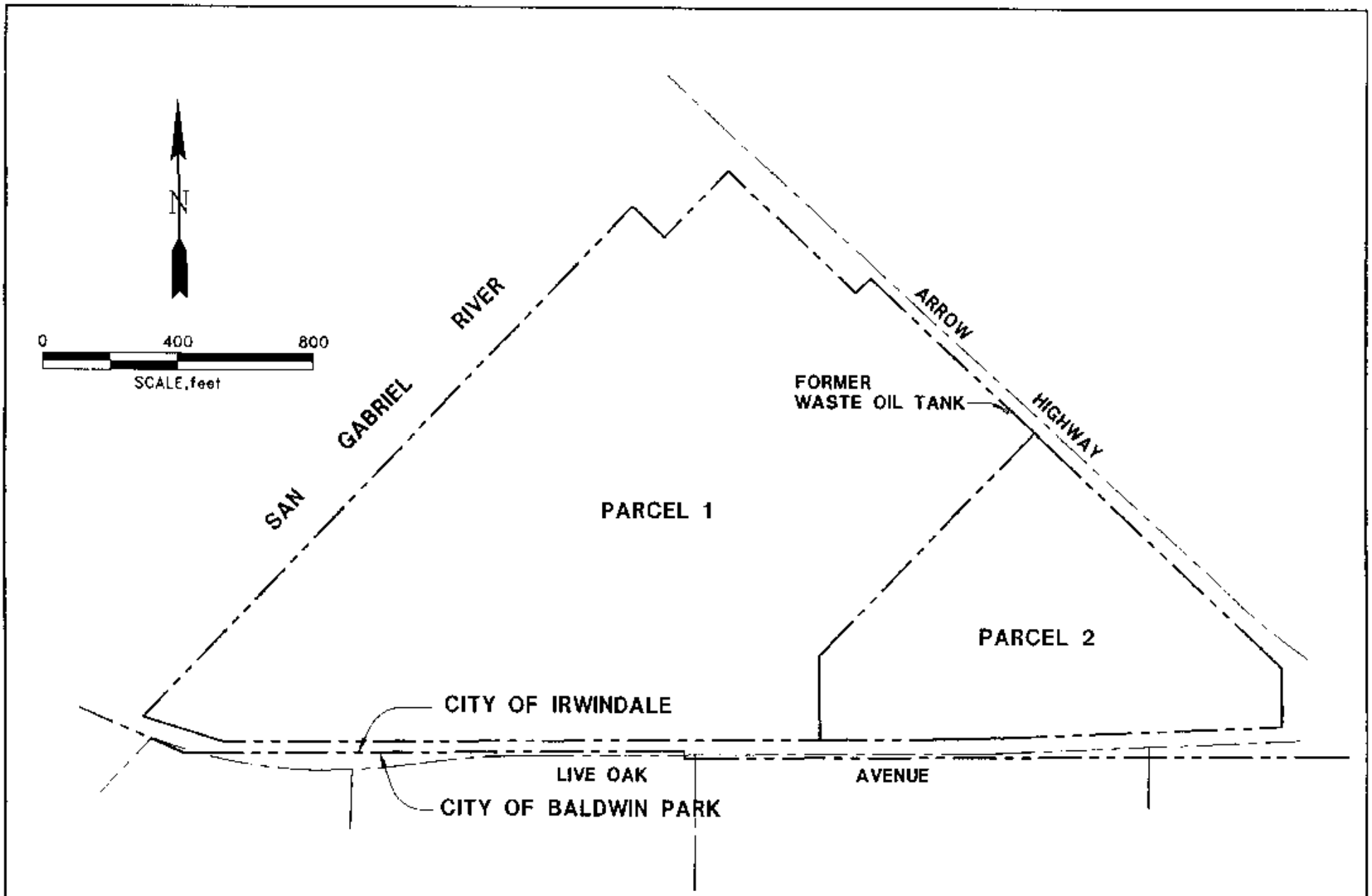
0 2800 5600

SCALE, feet

"Reproduced with permission granted by THOMAS BROS. MAPS. This map is copyrighted by THOMAS BROS. MAPS. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without permission."

SITE LOCATION MAP

Project No.: 904W217A	Date: SEPT. 1991	Project: UCP REMEDIATION	Fig. 1



WASTE OIL TANK LOCATION

Project No.: 914W217A	Date: 12-9-91	Project: UNITED CONCRETE PIPE-BALDWIN PARK	Fig.: 2

UCPWOT

Woodward-Clyde Consultants

Attachment A

Department of Public Works
Closure Report Requirements

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

Permit 8058 B
File 593 R/C 25
Fee $ 38
Check [X] Cash [ ]

OWNER: Name MISSION-KELL. I Phone 213-623-1078
Mailing Address 818 W. 7th ST STE 700 City LA State CA Zip 90017

FACILITY:
Occupant Name UCP Phone 714-658-5251
Site Address 14041 ELVG OAK City IRVINE CG Zip
Mailing Address SAME City State Zip
Contact Person Bob RICHARDSON Title

CONTRACTOR [X], complete below: OWNER/OPERATOR AS CONTRACTOR [ ]
Name J. D. EDWARDS Phone 818-303-8775
State License No. 324262 Class C-61-D40

CLOSURE REQUESTED:
[X] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
3	STEEL	UNKNOWN	500 2000	WASTE O/C

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ] UNKNOWN	[ ]
Have structural repairs ever been made to these tanks?	[ ] UNKNOWN	[ ]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOS MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT T CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature John D Edwards Date 4-16-91
(Print Name) JOHN D EDWARDS Phone
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HERE GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

Date

Rani Iyer 4/16/91

DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
3. Description of methods for obtaining, handling and transporting samples.
4. Time and date samples were obtained.
5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.
6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil.
11. Any observations of site contamination.
12. Remedial action plan to mitigate contamination.
13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.

Signature John D Edwards Date 4-16-91

Attachment B

Documentation of Removal, Certification and Proper Disposal of Tanks

FIRE DEPARTMENT
FIRE PREVENTION DIVISION

TANK REMOVAL VERIFICATION AND SITE LOG

GENERAL INFORMATION

Date 4/23/91 Permit # 8058 B

Tank Location 14041 E. LIVE OAK, IRWINDALE

Name of Contractor J.D. EDWARDS

Contractor State License # 324262 Telephone # 818/303-8775

TANK STABILIZATION

	Time Complete	Contractors Signature
1. Remaining Liquid Removed Through Product Lines	N/A - NO PRODUCT LINES - DIRECT FILL	
2. Dry Ice Added (15#/1,000 gal., attach receipt)	1:45PM	
3. Date Gas Analyzer Last Tested (no more than 3 months old)	4/3/91	
4. L.E.L. and O2 Level Readings	LEL 0% O2 21%	

EXCAVATION

Continuous monitoring of vapor concentrations around the excavation site is required, log readings below every 30 minutes.

Reading	Time	Signature
NONE DETECTED.	8:15	J.D. Edwards
" " " "	8:40	
" " " "	9:15	
" " " "	9:45	

CERTIFICATION

Tank Identification # _____ EPA I.D. # CA0003986718

Tank Size _____ Tank Type _____

Tank Cleaned By NIETO SONS Signature _____

CERTIFIED INDUSTRIAL HYGIENIST OR CERTIFIED MARINE CHEMIST - ATTACH BUSINESS CARD

Name STUART SMITH

Time Certified 12:00 4/23/91 Signature _____

TRANSPORT - ATTACH COPY OF TRANSPORTATION MANIFEST

Tank Transported By _____ To AMR

NIETO & SONS TRUCKING, INC.

N.A.S.I., INC.

1281 Brea Canyon Road • Brea, CA 92621
Mail Address: P.O. Box 8111 • Anaheim, CA 92802
Telephone: 714/635-2309 (24 Hours) • 714/990-6855 (Yard)

(1)

DT 5279

JOB DATE 4/23/91 Tuesday

COMPANY SOLD TO:	ORDER DATE	ORDER TIME	P.O. NUMBER
D. D. Edwards Co.	/ /		
CONTACT / TELEPHONE	ORDERED BY / TELEPHONE		
ADDRESS: 1275 Clark St. Arcadia 91006	LEASE / JOBSITE: 14010 Live Oak Ave. Irwindale (LA County)		

DRIVER	SWAMPER	TRUCK NO.	TRAILER NO.	START TIME	HOURLY RATE
Lonnie Lodeiqu	Sal Arcola	209	189	6AM	$

DESCRIPTION OF WORK REQUESTED

1-10K gas 1-10K diesel (one is Fiberglass) Truck & trash to be dispo of. There 7AM (ICE=315#)
Load by YDE.
Dispo by Western by YDE. There 9AM
Clean out by NAS= CR There 1130AM Cmpd YLW

DRIVER'S TIME REPORT

DATE	YARD DEPART	JOB ARRIVE	JOB DEPART	DUMP SITE ARRIVE	DUMP SITE DEPART	YARD ARRIVE	LUNCH	TOTAL HOURS
4/23/91	6AM	7:00	1:35					

WORK PERFORMED

MANIFEST # 9032/034 GALLONS: 1600 SOLIDS %: 20% SLUDGE.

WASTE OIL WAS 3-K WITH 2½ FT. AND 1 FT. OF THAT SLUDGE. CUT TWO WINDOWS IN IT TO WASH. OIL WAS THICK WASHED TANK FROM 7:00 - 10:30. 2-10K TANKS HAD SAME AMOUNT OF SOLIDS.

TRUCK WASHED OUT	LUNCH TAKEN	TOTAL HOURS CHARGED	HOURLY RATE	TOTAL CHARGES
			$	$

DRIVER SIGNATURE	TRUCK NUMBER	CUSTOMER SIGNATURE	DATE
	209	X	4/23/91

*** 24 HOUR SERVICE ***

CUSTOMER COPY

State of California Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91) # 4141
Please print or type. Form designed for use on elite (12-pitch typewriter).

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CA000398671 8
Manifest Document No.: 21034
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
United Concrete Pipe
11715 Clark St. Arcadia, Ca. 91006
4. Generator's Phone (818) 303-8775

A. State Manifest Document Number: 90321034
B. State Generator's ID:

5. Transporter 1 Company Name: NIETO AND SONS TRUCKING
6. US EPA ID Number: CAT080016116
C. State Transporter's ID: 114024
D. Transporter's Phone: 714-990-6855

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
DEMENNO KERDOON
2000 N. ALAMEDA
COMPTON, CA 90222
10. US EPA ID Number: CAT080013352
G. State Facility's ID: CAT080013352
H. Facility's Phone: 213-537-7100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON RCRA HAZARDOUS WASTE LIQUID	001	TT	-1600	G	State 241 / EPA/Other EXEMPT
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
NO SMOKING
GLOVES / GOGGLES
EMERGENCY TELEPHONE # (714) 990-6855
Site Pnd: 14010 Lime Avenue Irvine

K. Handling Codes for Wastes Listed Above
a. P-01 b.
c. d.

15. Special Handling Instructions and Additional Information
PETROLEUM RECYCLERS CAT080011059
1835 E. 29th STREET 213-595-7431
SIGNAL HILL, CA 90806
GIBSON OIL REFINERY CAD980883177
COMMERCIAL DRIVE 805-327-0413
BAKERSFIELD, CA 93308

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: Dean Krimer
Signature:
Month Day Year: 04 23 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronnie Rodriguez
Signature:
Month Day Year: 04 23 91

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: James P. Atco
Signature:
Month Day Year: 04 29 91

Do Not Write Below This Line

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90321034

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

C/WC5597

Certificate of Treatment/Recycling

ISSUED TO

United Conveyor Pipe

FOR

MANIFEST NUMBER 9032103 4 DATE RECEIVED 4-29-91

The aqueous waste received on the above manifest will be treated to standards mandated by the FEDERAL CLEAN WATER ACT and to effluent requirements established by the Sanitation Districts of Los Angeles County. Waste treatment and recycling is performed under permits granted to DeMENNO/KERDOON, a California corporation, by the California Department of Health Services, in coordination with the Environmental Protection Agency, in accordance with the provisions of the Resource Conservation and Recovery Act (RCRA) of 1976, together with applicable federal and state regulations including but not limited to waste discharge requirements established by the Sanitation Districts of Los Angeles County.

When the above described waste material is accepted by DeMENNO/KERDOON and treated/recycled and the aqueous phase discharged for further treatment by the Sanitation Districts, the certificate holder's responsibility for the waste material is eliminated under both RCRA and Proposition 65. Upon request, DeMENNO/KERDOON will issue this certificate that all waste material has been handled in accordance with applicable permits and the certificate holder's liability has been terminated.

DeMENNO/KERDOON

"Compliance Through Recycling"

By: Casey K. Yu 4-29-91
Date

Casey K. Yu, B.S., M.S.
Environmental Compliance Mgr.
Chief Chemist

2000 NORTH ALAMEDA STREET ☐ COMPTON ☐ CALIFORNIA ☐ 90222
(213) 537-7100 ☐ FACSIMILE (213) 639-2946

CTL Environmental Services

LABORATORY NO. 100822 **REPORTED** 4/24/91

CLIENT J.D. Edwards
11711 Clark Avenue
Arcadia, California 91006

TANK SITE 14041 East Live Oak Avenue
Irwindale, California

INVESTIGATION Inspect and certify the tank(s) to be clean and vapor-free. The inspection was conducted on April 23rd, 1991, by Stuart E. Salot, Ph.D, C.I.H.(#1433 and 1973).

METHOD The tank(s) was/were inspected for explosive atmosphere utilizing an MSA type 2A Explosivity Meter. Visual Inspection(s) of the interior was/were performed to ensure that no visible deposits, sludge or foreign materials remained.

RESULTS The tank(s) was/were inspected and found to be vapor-free (LEL of zero percent) and deemed clean.

Certificate numbers 2409, 2410, and 2435.

Respectfully submitted,
CTL Environmental Services

Stuart E. Salot OK

Stuart E. Salot, Ph.D, C.I.H.
Certified Industrial Hygienist

24404 So. Vermont Ave., Suite #307 • Harbor City, CA 90710 • TEL: (213) 530-5006 • FAX: (213) 530-0792
Offices In: Los Angeles, Kern, San Diego, and San Francisco

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Ave. #307
Harbor City, California 90710
(213) 530-5006

TANK REMOVAL CERTIFICATE #: 02435
Date: 4/23/91
Permit #: 80586
Site: 14041 E LIVE OAK
AVENUE

TANK DESCRIPTION: STEEL CYLN.
TANK SIZE: 2000 GAL
ADDRESS OF TANK: SAME ABOVE
LOCATION OF TANK: NE CORNER

CLIENT: J.D. EDWARDS
11711 CLARK AV #110
ARCADIA CA 91006

TANK CONTENTS (if known):
WASTE OIL

TANK NUMBER (if any):
NONE

RESULTS OF TANK INSPECTION: LEL 0% 12:00 4/23/91

The tank described above has been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank and no visible contamination has been observed except as noted below:

EXCEPTION: NONE

The tank described above is approved for removal and transportation.

INSPECTED BY: _____

CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1433 & 1973)

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 36586

TANK DISPOSAL FORM

Date: 4-23 ,19 91
Job #
P. O. #

CONTRACTOR: T. D. EDWARDS
ADDRESS: 1121 Clark Av., Unit 110, Arcadia, Ca 91006
JOB SITE: United Concrete Pipe
ADDRESS: 14041 E. Live Oak, Irwindale, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC NO.

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

TANK #8751403 – 10,000 Steel
TANK #7612178 – 10,000 Fiberglass

✓	Services Rendered	Cost
___	Disposal Fee	200.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	300.00
___	Fiberglass Tank Disposal Fee Per Tank	400.00
1	Fiberglass Tank Delivered	200.00
___	Bobtail Disposal Fee	250.00
___	Cancellation Fee	250.00
	TOTAL CHARGES	$200

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	250	☐	☐	.14	
	500	☐	☐	.21	
	550	☐	☐	.24	
	1000 - 12 ft.	☐	☐	.44	
	1000 - 8 ft.	☐	☐	.61	
	1500	☐	☐	.87	
1	2000	☐	☑	.97	.97
	2500	☐	☐	1.14	
	3000	☐	☐	1.32	
	4000	☐	☐	1.64	
	5000	☐	☐	2.42	
	6000	☐	☐	2.84	
	7500	☐	☐	3.28	
	8000	☐	☐	3.44	
	9000	☐	☐	3.82	
1	10000	☒	☐	4.33	4.33
	12000	☐	☐	4.93	

NO. OF TANKS	TOTAL	NET TONS
3		5.30
*F 1 FIBERGLASS	*S 2 STEEL 105	

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP

4-23-91
DATE

CONTRACTOR COPY

Attachment C

Laboratory Reports and Chain-of-Custody Forms

RECEIVED
MAY - 1 1991

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

April 30, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18399 A

LABORATORY REPORT

Samples Received: Six (6) Soil Samples
Date Received: 4-23-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Six (6) soils	Volatile Aromatics by EPA 8020	Data Sheets

B. Michael Hovanec
Senior Staff Chemist

for D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE
Dr. Alistaire Callender

Job # 18399
April 30, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
[redacted]	[redacted] N/A TO PERMIT 8058 (SEE PERMIT 7963)
[redacted]	[redacted] " " " " " " "
3A-1	17,000
3A-2	10,900
Detection Limit	10

ND - Not Detected

Date Analyzed: 4-26-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons	
[redacted]	ND	ND	ND	ND	ND	N/A to PERMIT 8058 (SEE PERMIT 7963)
[redacted]	ND	ND	ND	ND	ND	
Detection Limit	10	10	10	10	100	

ND - Not Detected

Date Analyzed: 4-24-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	2	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	79	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: 3A-1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 100

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	100
Chlorobenzene	ND	100
1,2-Dichlorobenzene	ND	100
1,3-Dichlorobenzene	ND	100
1,4-Dichlorobenzene	ND	100
Ethylbenzene	1100 B	100
Toluene	370 B	100
Total Xylenes	2600 B	100
Surrogate Percent Recovery:	95	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: 3A-2
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 100

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	100
Chlorobenzene	ND	100
1,2-Dichlorobenzene	ND	100
1,3-Dichlorobenzene	ND	100
1,4-Dichlorobenzene	ND	100
Ethylbenzene	780 B	100
Toluene	270 B	100
Total Xylenes	22000 B	100
Surrogate Percent Recovery:	105	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

SHIPMENT NO.: _____

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

DATE 4/12/91

PROJECT NAME: VCP - Remediation

PROJECT NO.: 904N217A

Sample Number	Location	Type of Sample		Type of Container	Type of Preservation		Analysis Required*
		Material	Method		Temp	Chemical	
3A-1 N	Tank 3A	Soil	auger	glass jar	ice	none	418.1, 8020
3A-2 N	Tank 3A	"	"	"	"	"	418.1, 8020
[redacted]							[redacted]
[redacted]							[redacted]
[redacted]							[redacted]
[redacted]							[redacted]

N/A TO PERMIT BOSB (see #463)

Total Number of Samples Shipped: 2 | Sampler's Signature: [signature]

Relinquished By: Signature [signature] Printed Name [redacted] Company WCC Reason [redacted]	Received By: Signature [signature] Printed Name K Northington Company W.A.S. INC. # 18398	Date 4/23/91 Time 3:11 pm
Relinquished By: Signature ____ Printed Name ____ Company ____ Reason ____	Received By: Signature ____ Printed Name ____ Company ____	Date / / Time
Relinquished By: Signature ____ Printed Name ____ Company ____ Reason ____	Received By: Signature ____ Printed Name ____ Company ____	Date / / Time
Relinquished By: Signature ____ Printed Name ____ Company ____ Reason ____	Received By: Signature ____ Printed Name ____ Company ____	Date / / Time

Special Shipment / Handling / Storage Requirements:

* Note — This does not constitute authorization to proceed with analysis

LA/OR-0183-421

2020 East First Street
Suite 400
Santa Ana, CA 92705
(714) 835-6886
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Woodward-Clyde Consultants

SIIR

[redacted]

LETTER OF TRANSMITTAL

RECEIVED
JAN 27 1992
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

I-593

PROJECT NO. 904W217C

DATE: 23 January 1992

TO: Los Angeles County Department of Public Works
Waste Management Division
P.O. Box 1460
Alhambra, California 91802-1460

SUBJECT: Tank closure report for the waste oil tank
United Concrete Pipe Facility
Irwindale, California

0920041 2W

WE ARE TRANSMITTING THE FOLLOWING:

A copy of the tank closure report for the waste oil tank at 14041 East Live Oak Avenue, and a copy of the waste oil tank investigation report.

REMARKS:

These reports are for your information. If you have any comments or questions regarding these reports, please contact Alistaire Callender or Susan Overman at (714) 835-6886.

Very Truly Yours,

WOODWARD-CLYDE CONSULTANTS

Alistaire Callender
Associate

Susan Overman
Senior Staff Scientist

B:\trans.let

Woodward-Clyde Consultants

200412

INVESTIGATION OF WASTE OIL TANK AT 14041 EAST LIVE OAK AVENUE IRWINDALE, CALIFORNIA

Prepared for:

Hughes Markets
2716 San Fernando Road
Los Angeles, California 90065

Prepared by:

Woodward-Clyde Consultants
2020 East First Street, Suite 400
Santa Ana, California 92705

Project No. 914W412A
December 1991



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1.0
INTRODUCTION

During grading operations at the former United Concrete Pipe (UCP) facility in Irwindale, California, (Figure 1), an underground tank was encountered. The contents, age and integrity of the tank were unknown. On April 16, 1991, an investigative program was initiated, the purpose of which was to identify the contents of the tank, remove the tank, and evaluate the presence and extent of petroleum hydrocarbons in the subsurface as a result of leakage from the tank. The purpose of this report is to document the work conducted and the results obtained to date.

1.1 SITE DESCRIPTION

The area of interest was formerly part of a larger 74-acre parcel that was owned and occupied by United Concrete Pipe. The address of the 74-acre parcel was 14041 East Live Oak Avenue, Irwindale, California. It is located just east of the San Gabriel River Channel and just south of the Santa Fe Dam. In this area, groundwater is present at a depth of 180 to 200 feet. Mission Koll I bought the entire facility from United Concrete Pipe, then sold a part of the property to the City of Irwindale. The resulting two parcels are shown on Figure 2. The former location of the waste oil tank is shown on this figure. Mission Koll I then subdivided their parcel as shown on Figure 3 and sold the section on which the waste oil tank is located to Hughes Markets in March of 1991. Thus the portion of the site on which the tank was located is now owned by Hughes Markets.

2.1 PRELIMINARY EVALUATION OF WASTE OIL TANK

On April 16, 1991, Woodward-Clyde personnel first inspected the area where the waste oil tank was located. At that time, there was a large conical excavation, approximately 15 feet deep and 20 feet in diameter with an adjacent rectangular excavation approximately 15 feet by 30 feet by 4 feet deep (see Figure 4). A photograph of the tank excavation is presented in Appendix A (Photograph 1).

One sample of the tank contents ("Product") was collected and four soil samples were collected from the excavation (Samples 1X through 4X). Two samples (1X and 4X) were collected from the soil that appeared stained and weathered and two samples were collected from soil that appeared clean or unstained (Samples 3X and 2X).

During the investigation, organic vapor monitoring was performed using an organic vapor analyzer (OVA). An OVA reading of 5 to 8 ppm was obtained when the instrument was held close to the liquid from the tank. The remaining readings around the excavation were all near background (2 ppm).

2.2 WASTE OIL TANK REMOVAL

On April 23, 1991, Woodward-Clyde personnel witnessed the removal of the tank. The contents of the tank were pumped into a tanker truck (Appendix A, Photograph 2) and then the tank itself was removed. The soil in the tank excavation appeared oil-stained. A soil sample was collected approximately 3 feet below each end of the tank: Sample 3A-1 was collected from the west end and Sample 3A-2 was collected from the east end (see Figure 4). The samples were collected from the bucket of a backhoe and placed in clean glass jars. The samples were stored on ice until transported to laboratory using standard chain-of-custody procedures.

The bottom of the excavation was at 15 feet, and oil-impacted soil appeared to extend below this depth. The backhoe also excavated some soil near the property fence line on the north side of the tank to obtain an estimate of the lateral extent of the contamination in that direction. The impacted soil appeared to extend off site towards Arrow Highway. During the excavation and sample collection, the soil and air were monitored for volatile organics using an organic vapor analyzer (OVA). All of the readings were near background levels of 1 to 2 ppm.

2.3 EVALUATION OF THE EXTENT OF OIL IMPACTED SOIL

In order to evaluate the vertical and lateral extent of the oil-impacted soil, five borings were drilled in the vicinity of the tank. The first boring (P4) was drilled on May 17, 1991. Since subsurface conditions in the area are characterized by the presence of large cobbles and boulders, it was necessary to use an air percussion drill rig (a Becker rig). The boring was drilled at the southwest end of the former tank. The location of the boring is shown on Figure 5. Soil samples could only be collected at 30, 35 and 50-foot depths due to the cobbles in the soil. OVA headspace readings were obtained every 5 feet. The highest reading was 68 ppm, at a depth of 35 feet. At 55 feet deep (the bottom of the boring) an OVA reading of 20 ppm was obtained. The boring was stopped at 55 feet, and was backfilled with a cement\bentonite mixture.

Evaluation of the data on the samples collected from the first boring suggested the need for additional drilling, soil sampling and analyses. During the week of August 12, 1991, four additional borings were drilled in the vicinity of the waste oil tank. The locations of the borings are shown on Figure 5. Boring B-5 was drilled 9 feet from the fence-line at the center of the tank, at an approximate angle of 3° from vertical toward the fence. The boring extended to a slant depth of 119.5 feet. Samples were collected approximately every 5 feet as subsurface conditions allowed. The boring was converted to a vadose zone well with 4-inch Schedule 40 PVC, and screened from 20 to 100 feet. The well was sand packed with #4 Monterey sand and sealed with 1/4-inch bentonite pellets and voclay grout.

Boring B-6 was drilled 12 feet northwest of B-5 at an approximate angle of 12° from vertical toward the fence. This boring was drilled to a depth of 86.5 feet. Samples were

collected every 5 feet as subsurface conditions allowed. This boring was also completed as a vadose zone well, with the screened interval from 20 to 70 feet and the well bottom at 70 feet.

Boring B-7 was drilled vertically, 20 feet southeast of B-5 to a depth of 100 feet. Samples were obtained at 5-foot intervals as subsurface conditions allowed. The boring was completed as a vadose zone well to a depth of 95 feet. The screened interval was from 20 to 95 feet. The vadose zone wells at B-6 and B-7 were constructed in the same manner as the well at B-5.

Boring B-8 was drilled vertically 15 feet southeast of B-7, to a depth of 50.8 feet. Samples were collected every 5 feet as subsurface conditions allowed. This boring was backfilled with Voclay grout.

Groundwater was not encountered during the drilling of these borings.

Samples were collected using a modified California type sampler using brass tubes. In general one brass tube from each sampling depth was sealed with PVC end caps and kept on ice until delivery to the chemical laboratory. Samples were labeled and were delivered to the laboratory under standard chain-of-custody procedures. Drilling equipment was steam cleaned prior to drilling of each boring. Sampling equipment was cleaned prior to use at each sampling point using Woodward-Clyde standard procedures. Field observations including soil type, color, consistency, odor, and headspace OVA readings were recorded on boring logs by Woodward-Clyde drilling supervisors. Boring logs are presented in Appendix B.

3.0
RESULTS OF THE SUBSURFACE INVESTIGATION

3.1 GEOLOGY

The boreholes P-4 and B-5 through B-8 penetrated generally dense, medium to coarse-grained, gravelly sands with cobbles up to 8 inches in diameter, from the surface to between 10 and 20 feet below ground surface. An interval of very dense silty sand with gravel and cobbles was encountered from approximately 10 to 30 feet below ground surface. Below this interval down to the maximum depth penetrated, very dense to dense, moist to very moist gravelly, medium to coarse-grained sands and coarse gravels were encountered. Cobbles up to 8 inches in diameter, and occasional large boulders were also encountered.

The subsurface materials encountered can be characterized as coarse-grained, highly variable and laterally discontinuous alluvial deposits. The absence of fine-grained deposits suggests that they were deposited in a high-energy environment, not far from their source in the mountains to the north.

3.2 ANALYTICAL RESULTS

The contents of the tank and selected soil samples collected during the drilling program were analyzed by West Coast Analytical Services, Inc. The original laboratory reports and chain-of-custody forms are included as Appendix C. The results are discussed in the following paragraphs.

3.2.1 Tank Contents

The tank contents were analyzed for petroleum hydrocarbons by modified EPA Method 8015 and metals by ICP. The analytical results from the sample of the tank contents are presented in Table 1. The sample contained >99 percent petroleum hydrocarbons (C_5-C_{30}), with some metals detected. The hydrocarbon range detected and the color seem to indicated the presence of waste oil in the tank.

3.2.2 Soil Samples

The soil samples collected during the investigation were subjected to a variety of analyses. Soil Samples 1X and 4X were analyzed by EPA Method 8015 to provide identification of the hydrocarbon species present. These results indicated the presence of C_{10} - C_{20} hydrocarbons in Sample 4X at concentrations of 430 mg/kg (see Table 2 for results). Additional samples collected from the first boring drilled near the tank (P-4) confirmed the presence of C_{10} - C_{20} hydrocarbons, but also indicated the presence of a C_{20} - C_{30} fraction as well (Table 3). The absence of elevated organic vapor analyzer readings was further evidence of the absence of volatile hydrocarbons, such as gasoline, in the soil.

Samples 3A-1 and 3A-2 which were collected from beneath the tank when it was removed, were analyzed for benzene, toluene, xylenes, and ethylbenzene (BTXE) by EPA Method 8020, as well as for total petroleum hydrocarbons (TPH) by Method 418.1. The results showed the presence of ethylbenzene, toluene and total xylenes in the samples. Not other compounds from the 8020 target list were detected (see Table 2).

The samples analyzed from borings B-5 through B-8 showed the presence of C_{10} - C_{20} and C_{20} - C_{30} hydrocarbons to a depth of approximately 100 feet in Boring B-5, 65 feet in Boring B-6 and approximately 90 feet in Boring B-7. The samples analyzed from Boring B-8 did not contain detectable petroleum hydrocarbons. The analytical results coupled with visual observations of the soil and organic vapor analyzer readings, show that the hydrocarbons with concentrations greater than 100 mg/kg extend to a depth of 95 to 100 feet nearest the location of the tank.

Selected samples from Boring B-5, B-6, and B-7 were also analyzed for volatile organic compounds by EPA Method 8240. With the exception of methylene chloride, which is a common laboratory contaminant that was also found in the laboratory blanks no chlorinated compounds were detected.

In order to evaluate whether the subsurface soil at the tank location might be hazardous the following tests were also performed on one sample each (Sample B-5-14-4 and B-6-9-4) from Borings 5 and 6.

- pH
- Flash point
- Aquatic toxicity
- Metals - 17 California Code of Regulations (CCR)
- Volatile organic compounds

The results are summarized in Table 4. None of the tests conducted indicated that the soil would be hazardous.

In addition to the two samples discussed above (B-5-14-4 and B-6-9-4), samples P-4-2-4 and B-7-6-4 were also analyzed for 17 CCR metals. The concentration of the metals were generally within the range found in soil the United States, with the exception of copper in sample P-4-2-4, which was present at a concentration of 547 mg/kg, outside the typical concentration range found in natural soil of 2 to 300 mg/kg. Appendix D contains a list of typical soil concentrations in the western United States. It should be noted that the concentration of copper in the other three samples was less than 45 mg/kg.

4.0
CONCLUSIONS

The petroleum hydrocarbon impacted soil at the locations evaluated extends to a vertical depth of 95 to 100 feet. The complete lateral extent of the hydrocarbon-impacted soil is not known but Boring B8 was outside the zone of impacted soil to the depth it was drilled. The hydrocarbons are primarily the C_{10} - C_{30} fraction, and no chlorinated hydrocarbons were detected in the samples analyzed by EPA Method 8240. The soil does not appear to be hazardous with respect to pH, flammability or aquatic toxicity, and metal concentrations are generally within the range typically found in soils, except for one sample from Boring P4 which contained copper at a concentration of 547 mg/kg. This concentration is greater than the general range of concentrations found in soil in the western United States (2 to 300 mg/kg).

5.0
LIMITATIONS

The investigation described in this report was designed to provide preliminary information on the vertical and lateral extent of petroleum hydrocarbons in the soil resulting from leakage from a waste oil tank.

The conclusions drawn are based solely on the results obtained from this investigation, and are subject to revision if additional investigative work is conducted.

TABLE 1

ANALYTICAL RESULTS OF TANK CONTENTS
(Results expressed in mg/kg)

Parameter	Concentration in Tank Contents
Petroleum Hydrocarbons (C5-C30)[1]	>99%
Antimony[2]	ND
Arsenic	0.19
Barium	19.2
Beryllium	ND
Cadmium	0.14
Chromium (III/VI)	ND
Cobalt	1.51
Copper	2.6
Lead	55.5
Mercury	ND
Molybdenum	ND
Nickel	53.5
Selenium	ND
Silver	ND
Thallium	ND
Vanadium	40.9
Zinc	7.6

(1) Analyses by modified EPA Method 8015.
(2) CCR metals by Inductively Coupled Plasma Atomic Emission Sepctroscopy (ICP).

TABLE 2

ANALYTICAL RESULTS FOR SOIL SAMPLES COLLECTED FROM TANK EXCAVATION BEFORE AND DURING TANK REMOVAL

Parameter	Sample Number			
	1X	4X	3A-1	3A-2
TPH by 418.1 (mg/kg)	–	–	17,000	10,900
TPH by Mod. 8015 (mg/kg)				
C_5-C_{10} (mg/kg)	ND	ND	–	–
C_{10}-C_{18} (mg/kg)	ND	ND	–	–
C_{10}-C_{20} (mg/kg)	ND	430	–	–
C_{20}-C_{30} (mg/kg)	ND	ND	–	–
Benzene	–	–	ND	ND
Chlorobenzene (µg/kg)	–	–	ND	ND
1,2-dichlorobenzene (µg/kg)	–	–	ND	ND
1,3-dichlorobenzene (µg/kg)	–	–	ND	ND
1,4-dichlorobenzene (µg/kg)	–	–	ND	ND
Ethylbenzene (µg/kg)	–	–	1,100[a]	780[a]
Toluene (µg/kg)	–	–	370[a]	270[a]
Total Xylenes (µg/kg)	–	–	2,600[a]	22,000[a]

(a) Ethylbenzene and toluene were both detected in the laboratory blank at concentrations of 2 µg/kg. Total xylenes were also detected in the laboratory blank at a concentration of 3 µg/kg.

– Not analyzed.

ND Not detected. For detection limits see laboratory reports in Appendix C.

TABLE 3

HYDROCARBON CONCENTRATIONS IN SAMPLES COLLECTED FROM BORINGS

Boring No.	Sample ID	Depth (feet)	TPH by 418.1 (mg/kg)	TPH by EPA Method 8015 (mg/kg)		VOC by 8015
				C_{10}-C_{20} (mg/kg)	C_{20}-C_{30} (mg/kg)	
P-4	P-4-2-4	30	–	963	150	–
	P-4-3-4	35	–	2,400	320	–
	P-4-6-4	50	–	85	<10	–
B-5	B-5-2-4	35	1,400	–	–	–
	B-5-14-4	60	–	3,500	630	ND
	B-5-19-4	85	5,100	–	–	–
	B-5-22-4	97	280	–	–	–
	B-5-25-4	119	–	<10	<10	ND
B-6	B-6-4-4	21	–	4,000	2,900	–
	B-6-9-4	45	2,100	–	–	ND
	B-6-12-4	59	1,400	–	–	–
	B-6-14-4	68	10	–	–	–
	B-6-17-4	84	–	<10	<10	ND
B-7	B-7-6-4	25	11,000	7,300	3,100	ND
	B-7-8-4	35	11,000	–	–	–
	B-7-14-4	65	–	4,000	1,000	–
	B-7-18-4	85	3,200	–	–	–
	B-7-20-4	95	–	<10	<10	ND
B-8	B-8-7-4	40	<10	<10	<10	–
	B-8-9-4	50	<10	–	–	–

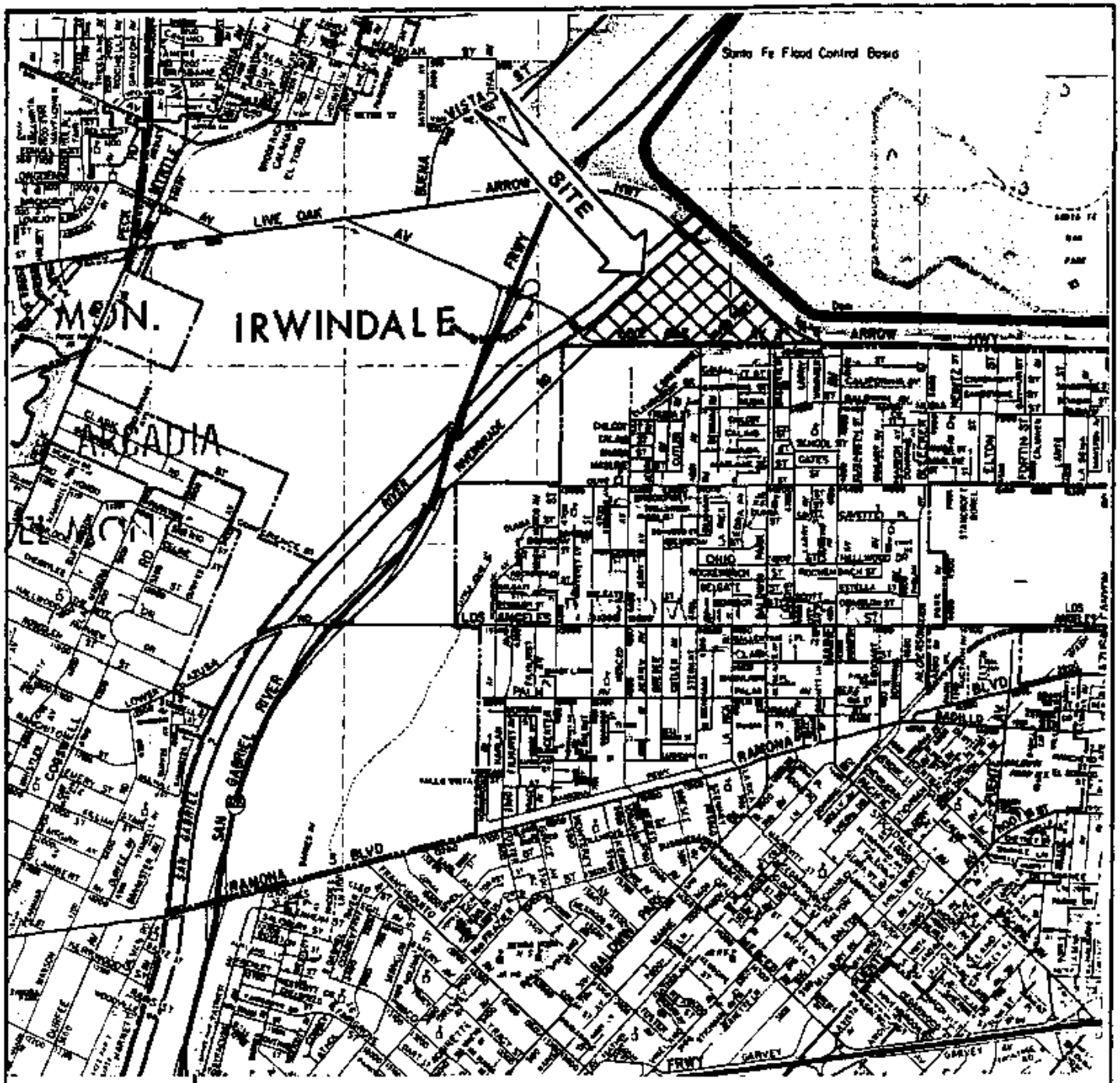
– Not analyzed.
ND Not detected.

TABLE 4

SOIL CHARACTERIZATION

Sample I.D.	P-4-2-4	B-5-14-4	B-6-0-4	B-7-6-4
Depth (feet)	30	60	45	25
TPH by 418.1 (mg/kg)	-	-	2,100	11,000
TPH by Mod. 8015 (mg/kg)				
C_5 - C_{10} (mg/kg)	ND	<10	-	<10
C_7 - C_{12} (mg/kg)	-	<10	-	<10
C_7 - C_{18} (mg/kg)	-	<10	-	<10
C_{10} - C_{20} (mg/kg)	963	3,500	-	7,300
C_{20} - C_{30} (mg/kg)	150	630	-	3,100
Flash Point (°F)	-	130	110	-
pH	9.3	8.1	7.9	-
Aquatic Toxicity - LC 50 (mg/kg)	-	>750	>750	-
Antimony (mg/kg)	<2	0.93	0.52	0.91
Arsenic (mg/kg)	3.4	3	<2	3
Barium (mg/kg)	70.6	157	120	64
Beryllium (mg/kg)	<0.08	0.17	0.18	0.29
Cadmium (mg/kg)	0.06	0.09	0.06	<0.06
Chromium (mg/kg)	9.4	12.5	8	8.5
Cobalt (mg/kg)	4.29	8.42	3.72	4.65
Copper (mg/kg)	547	42.6	29.4	28.4
Lead (mg/kg)	4.07	2.54	2.97	3
Mercury (mg/kg)	<0.5	<0.2	<0.2	<0.06
Molybdenum (mg/kg)	<0.2	<0.07	0.52	0.23
Nickel (mg/kg)	7.2	17.1	4.7	7.1
Selenium (mg/kg)	0.8	<2	<2	<1
Silver (mg/kg)	0.03	0.07	0.1	0.06
Thallium (mg/kg)	0.07	0.07	0.1	<0.02
Vanadium (mg/kg)	24	45	21	24
Zinc (mg/kg)	223	55	53	60.7
VOCs by EPA 8240	–	ND	ND	–

– Not analyzed.



0 2800 5600

SCALE, feet

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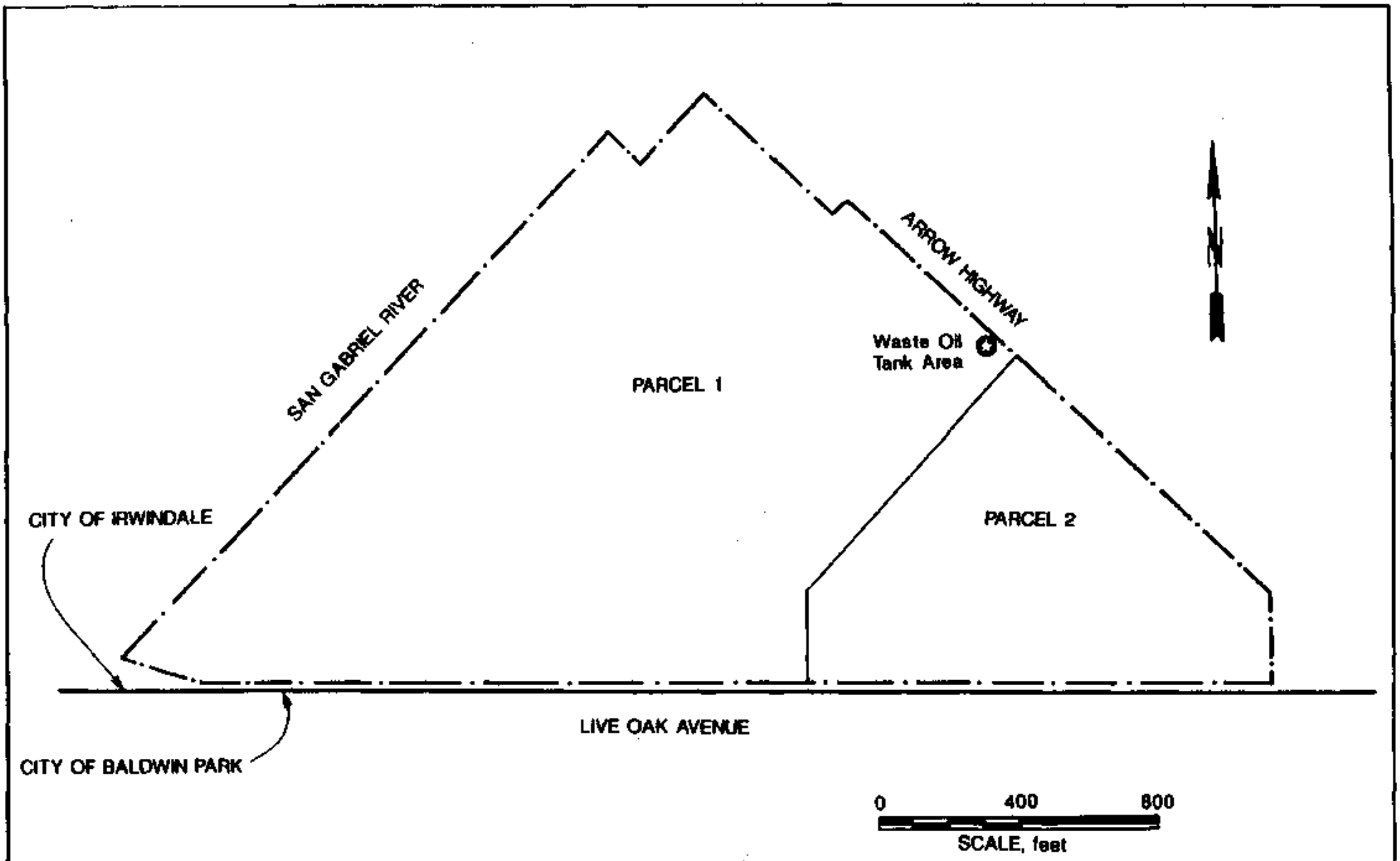
SITE LOCATION MAP

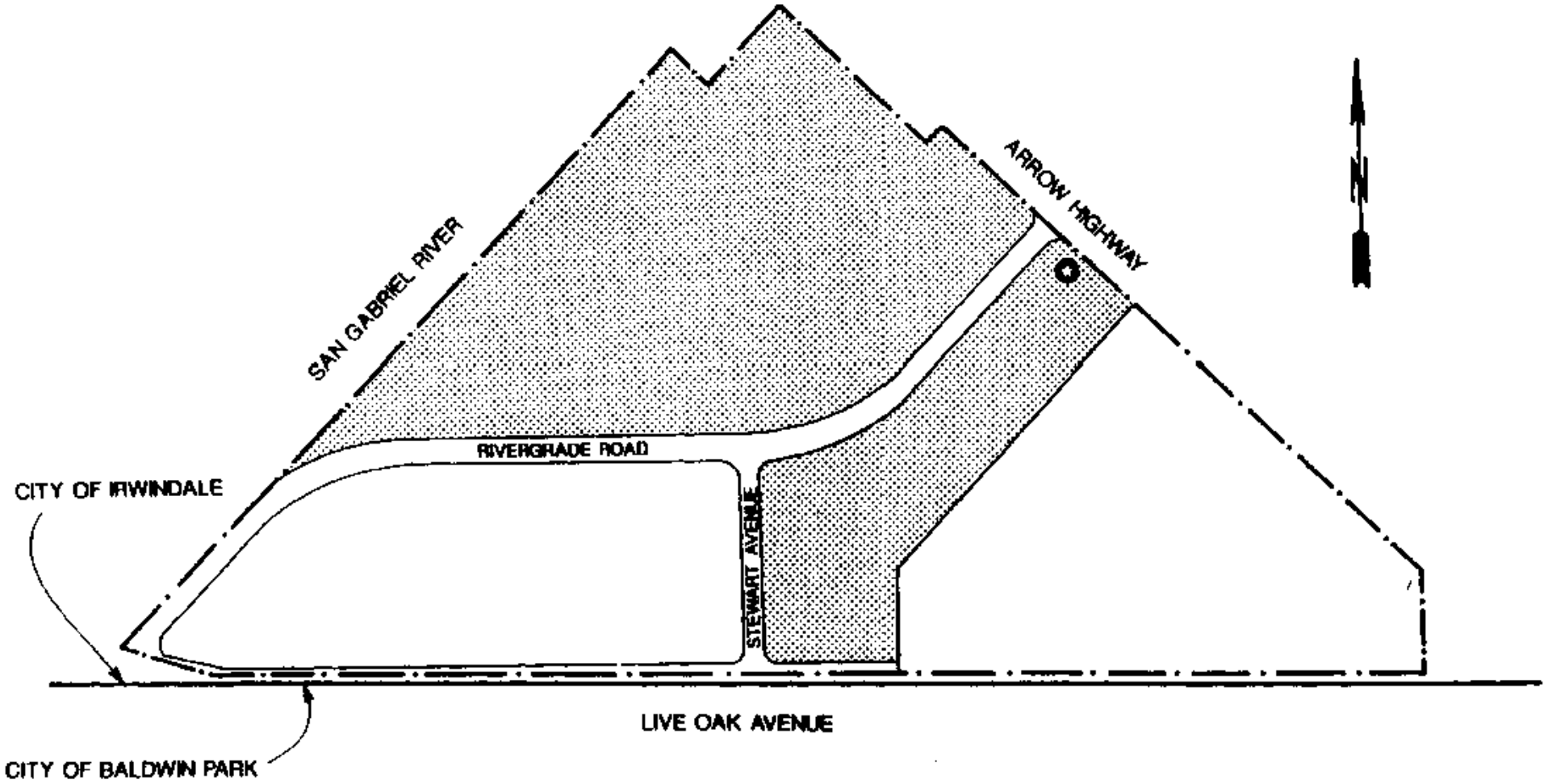
Project No.: 914W412A	Date: DEC. 1991	Project: HUGHES MARKETS	Fig. 1



SITE MAP SHOWING AREA OF CONCERN

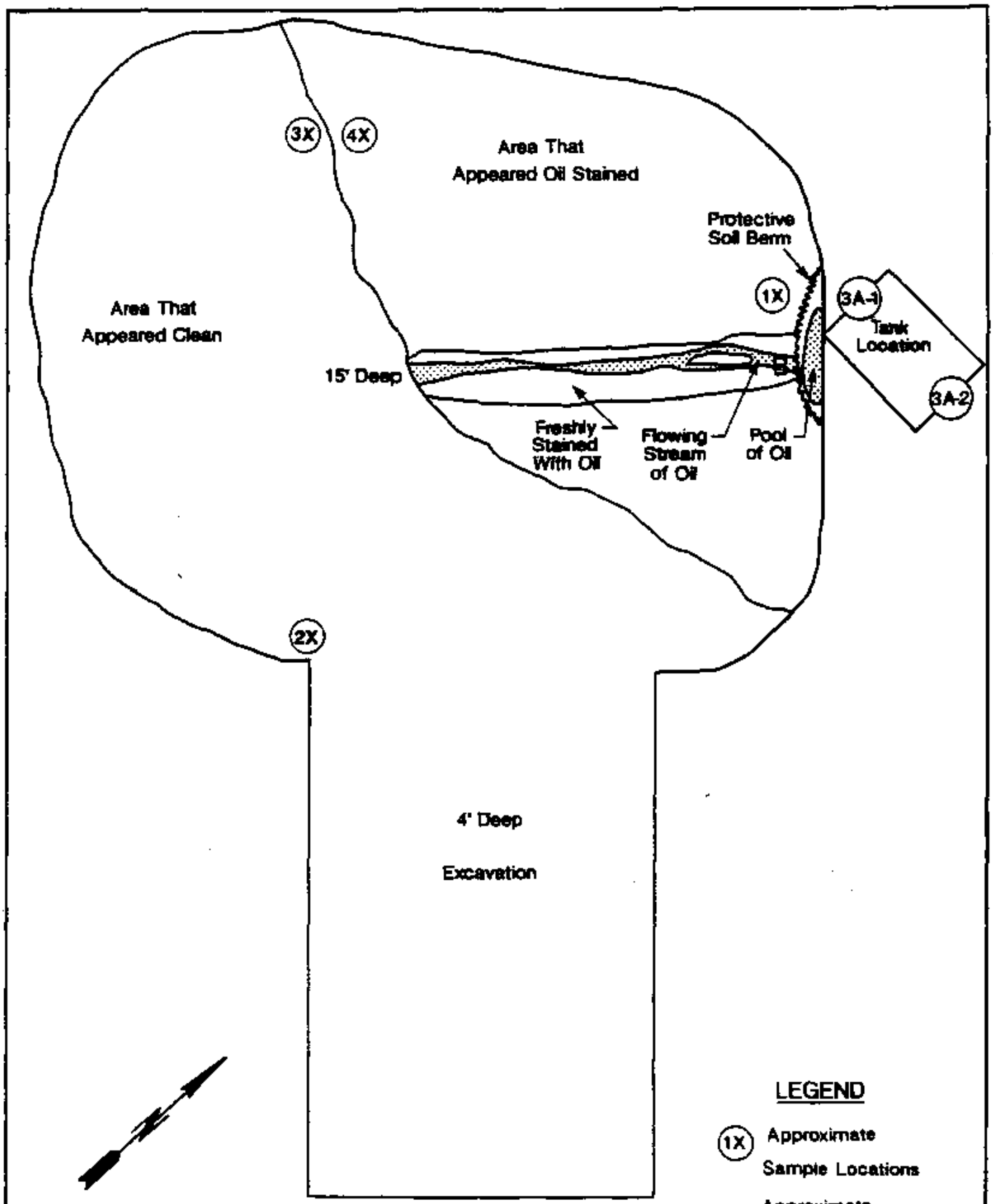
Project No.: 914W412A	Date: DECEMBER 1991	Project: HUGHES MARKETS	Fig. 2

Woodward-Clyde Consultants



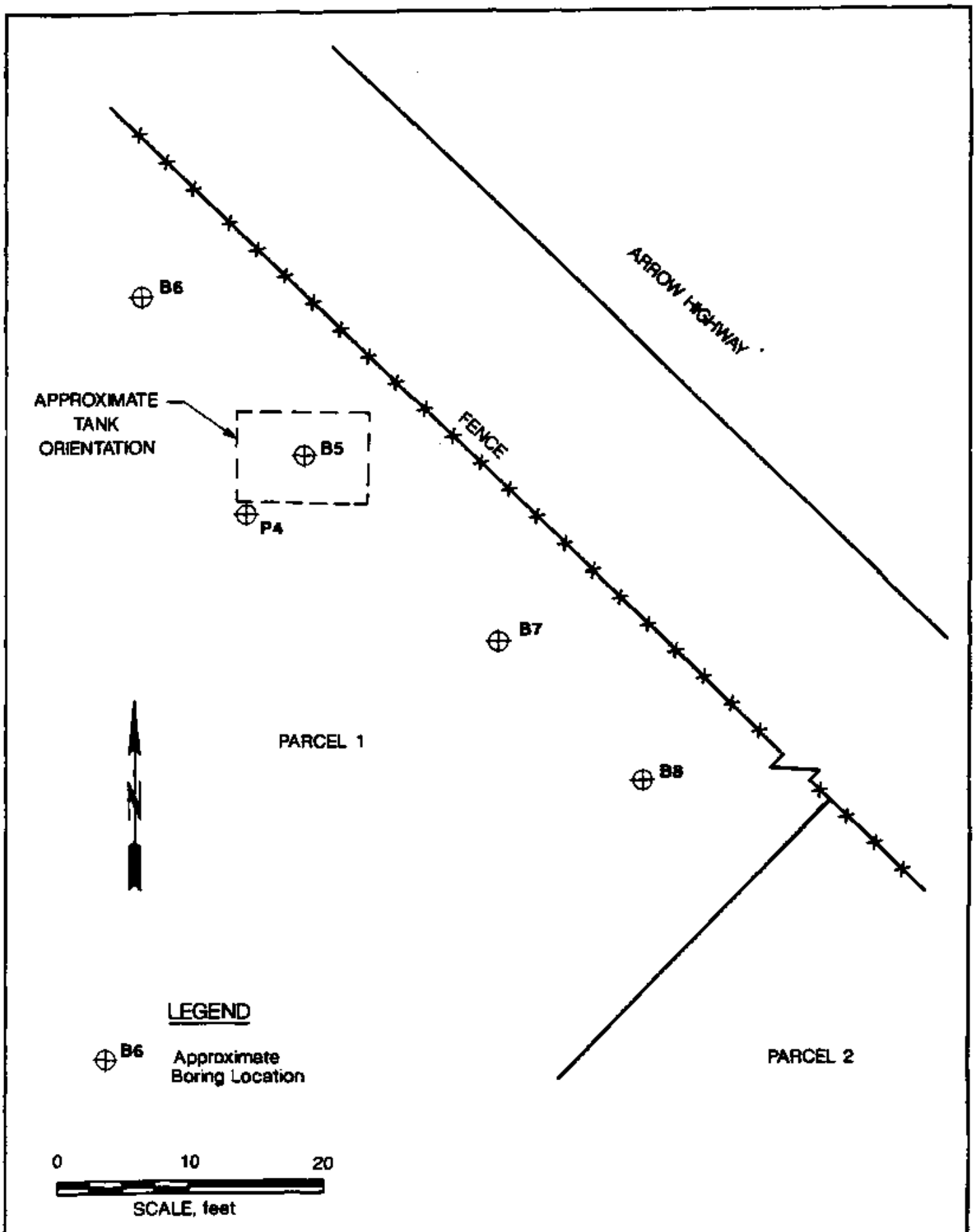
LOCATION OF HUGHES MARKETS PROPERTY

Project No.: 914W412A	Date: DECEMBER 1991	Project: HUGHES MARKETS	Fig 3



PLAN VIEW OF TANK AREA AS OBSERVED ON 4-17-91

Project No.: 914W412A	Date: DEC. 1991	Project: HUGHES MARKETS	Fig. 4



LOCATIONS OF BORINGS RELATIVE TO WASTE OIL TANK

Project No.: 914W412A	Date: DEC. 1991	Project: HUGHES MARKETS	Fig. 5

APPENDIX A

SITE PHOTOGRAPHS



Photograph 1. View of Initial excavation when waste oil tank was discovered. Arrow Highway can be seen at the top of the photograph.



Photograph 2: View of tank as it is being pumped prior to removal.

APPENDIX B

BORING LOGS

BORING LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY	DRILLER	DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		TOTAL DEPTH DRILLED (ft)	ROCK DEPTH (ft)
TYPE OF WELL CASING	SCREEN PERFORATION	DIAMETER OF BORING (in.)	DIAMETER OF WELL (in.)
TYPE/SIZE OF SAND PACK	TYPE/THICKNESS OF SEAL(S)		
NUMBER OF SAMPLES	DISTURBED: UNDISTURBED: CORE:	LOGGED BY	
WATER DEPTH (ft)	FIRST: COMPLETION: 24 HOURS:	CHECKED BY	

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES: Number	SAMPLES: Type	SAMPLES: Blow Count	OVA (ppm): Head-space	OVA (ppm): Back-ground	DRILLING RATE (time)	REMARKS
0	Medium dense, moist, light brown, SILTY fine-grained SAND (SM).									Slant drilled at an approximate angle of 10 degrees toward tank.
5				1		24	16	10	0830	Strong hydrocarbon odor.
10										
15										
20										
25										
30										

Unified Soil Classification System (USCS).

Modified California sampling location.

Sample identification number.

Number of blows required to advance sampler 1 foot using a 140-pound hammer with a 30-inch drop. (* indicates blow count only for initial 6 inches)

Organic Vapor Analyzer (OVA) field headspace reading.

Organic Vapor Analyzer (OVA) background reading.

Rate at which drilling progressed (time recorded in military hours at depth noted).

Comments by Driller or Woodward-Clyde Consultants' field personnel.

Project: Hughes Markets
Project Number: 914W412A

KEY TO LOG OF BORING

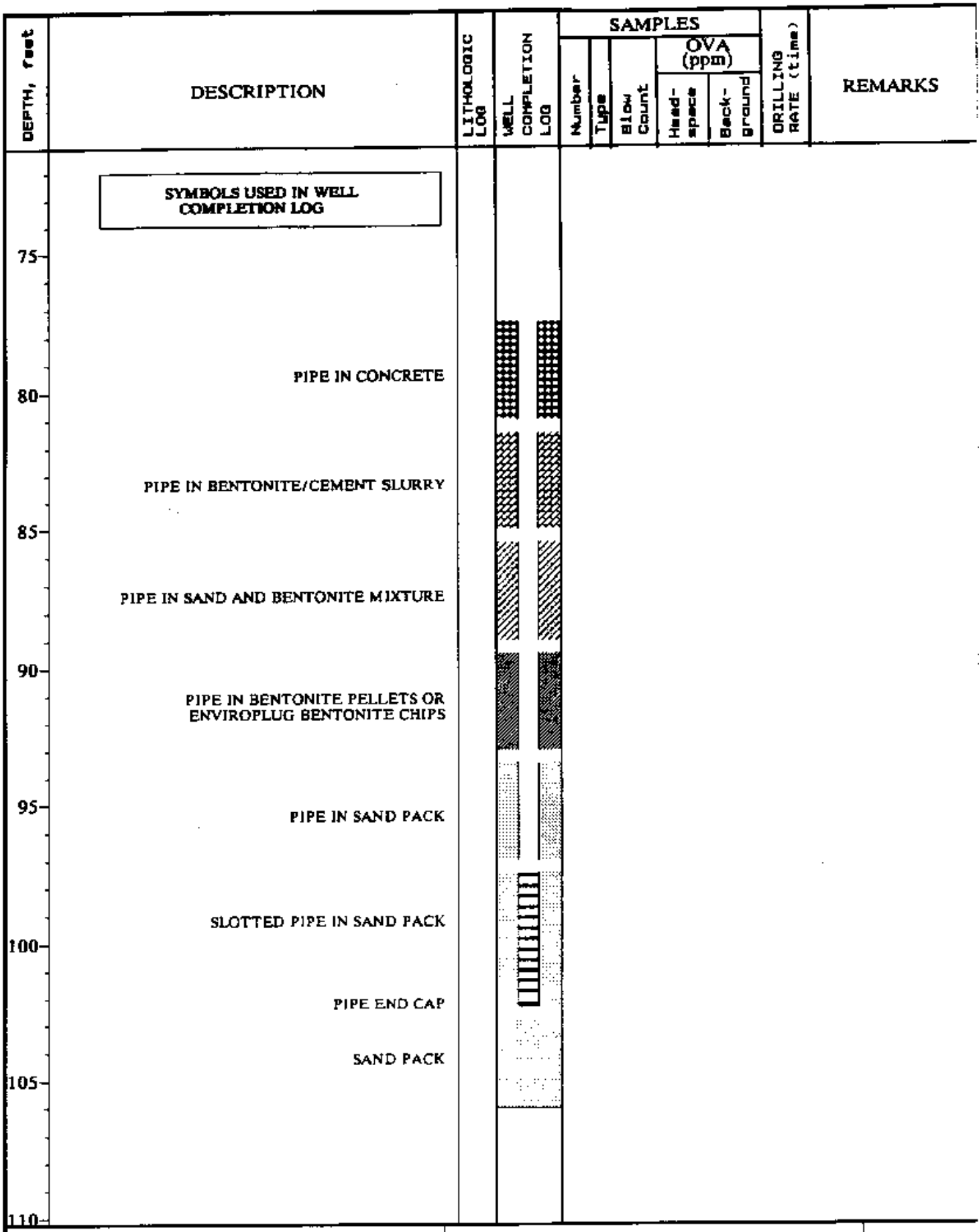
Figure B-1
1 of 3

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES: Number	SAMPLES: Type	SAMPLES: Blow Count	SAMPLES: OVA (ppm): Head-space	SAMPLES: OVA (ppm): Back-ground	DRILLING RATE (time)	REMARKS
35	**UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL AND ROCK TYPE NAME VERSUS CORRESPONDING GRAPHIC LOG**									
	Low plasticity SILT - ML									
	LEAN CLAY - CL									
	Low plasticity ORGANIC SOIL - OL									
40	High plasticity ORGANIC SOIL - OH									
	Elastic SILT - MH									
	FAT CLAY - CH									
	LEAN to FAT CLAY - CL/CH									
	SILTY CLAY - CL-ML									
45	Well graded GRAVEL - GW									
	Poorly graded GRAVEL - GP									
	CLAYEY GRAVEL - GC									
	SILTY GRAVEL - GM									
50	Well graded SAND - SW									
	Poorly graded SAND - SP									
	CLAYEY SAND - SC									
	SILTY SAND - SM									
	Well graded GRAVEL with CLAY - GW-GC									
55	Well graded GRAVEL with SILT - GW-GM									
	Poorly graded GRAVEL with CLAY - GP-GC									
	Poorly graded GRAVEL with SILT - GP-GM									
	SILTY, CLAYEY GRAVEL - GC-GM									
60	Well graded SAND with CLAY - SW-SC									
	Well graded SAND with SILT - SW-SM									
	Poorly graded SAND with CLAY - SP-SC									
	Poorly graded SAND with SILT - SP-SM									
65	SILTY, CLAYEY SAND - SC-SM									
	SANDSTONE									
	SILTSTONE									
70										

Project: Hughes Markets
Project Number: 914W412A

KEY TO LOG OF BORING

Figure B-1
2 of 3



Project: Hughes Markets
Project Number: 914W412A

KEY TO LOG OF BORING

Figure B-1
3 of 3

BORING LOCATION	Along Arrow Highway, Center of Oil Tank; See Location Map	ELEVATION AND DATUM	Not Available
DRILLING AGENCY	Layne Environmental Services, Inc. DRILLER S. Johnson	DATE STARTED	8/12/91
		DATE FINISHED	8/13/91
DRILLING EQUIPMENT	Drill Systems AP-1000	TOTAL DEPTH DRILLED (ft)	119.5
		ROCK DEPTH (ft)	--
TYPE OF WELL CASING	Schedule 40 PVC	SCREEN PERFORATION	0.020"
		DIAMETER OF BORING (in.)	10
		DIAMETER OF WELL (in.)	4
TYPE/SIZE OF SAND PACK	#3 Monterey Sand	TYPE/THICKNESS OF SEAL(S)	Bentonite pellets (1/4") from 15' to 10'; Volclay grout from 10' to ground surface
NUMBER OF SAMPLES	DISTURBED: 0 UNDISTURBED: 19 CORE: 0	LOGGED BY	H. Reyes
WATER DEPTH (ft)	FIRST: -- COMPLETION: -- 24 HOURS: --	CHECKED BY	M. Razmdjoo

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
0	Very dense, dry, light grayish brown, GRAVELLY coarse-grained SAND (SP), GRAVEL up to 3-inch size [Fill].								1202	Borehole drilled at approximate angle of 3 degrees from vertical toward fence line.
5				1		50/3"*	--	--	1212	No recovery.
10				2		89	--	--	1224	No recovery.
15	Very dense, damp, dark gray, GRAVELLY medium-grained SAND (SP), with heavy petroleum product staining, petroleum product odor.			3		119/6"	165	6	1241	
	Becomes black (petroleum product staining), with cobbles up to 8-inch size.									
20				4		150/3"	160	5	1254	
25	Very dense, moist, black (petroleum product discoloration), SILTY fine-grained SAND (SM), with GRAVEL and cobbles.			5		116/6"	110	5	1328	
30				6		139/6"	115	6	1352	

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-5

Figure B-2
1 of 4

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
35	Very dense, moist, dark gray, GRAVELLY coarse-grained SAND (SP), GRAVEL up to 1.5-inch size, with cobbles up to 6-inch size, petroleum product staining and odor.			7		159/6"	110	8	1412	
40	GRAVEL up to 3-inch size, larger cobbles.			8		140/6"*	15	6	1432	Recovered only enough for OVA headspace reading.
45				9		130/3"*	45	5	1458	
50	[Recovered three pieces of 4-inch size cobble partially coated with oily fine-grained soil.]			10		150/3"	--	--	1512	No recovery.
				11		73/3"	--	--	1530	No recovery.
				12		111/3"*	90	5	1541	
55				13		125/3"	115	4	1600	
	Very dense, moist, dark gray, coarse-grained SAND (SP).			14		117/8"	26	6	1634	
60	Very dense, moist, dark gray, GRAVELLY coarse-grained SAND (SP), GRAVEL up to 3-inch size and coated with petroleum product, with cobbles up to 6-inch size. Becomes very moist.									
65	Becomes moist.			15		149/2"	12	6	1700	
									1710	Stopped drilling on 8/12/91.
70				16		140/6"	105	6	0715	Resumed drilling on 8/13/91.

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-5

Figure B-2
2 of 4

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
	Very dense, moist, dark gray, GRAVELLY coarse-grained SAND (SP), GRAVEL up to 3-inch size and coated with petroleum product, with cobbles up to 6-inch size (continued).									
75				17		73	120	6	0742	
	Becomes dense.									
80				18		33	85	6	0819	Only 7" sample recovered from 18" drive.
	Becomes very dense.									
85				19		59	54	7	0844	
	Becomes dense.									
90				20		32	60	7	0922	Only 8" sample recovered from 18" drive.
	Becomes very dense.									
95				21		86/10"	22	7	0947	No recovery.
				22		36	18	7	1008	
	Dense, moist, olive brown, medium-grained SAND with SILT (SP-SM), with GRAVEL up to 2-inch size, little to no petroleum product odor.									
100				23		43	10	7	1037	
	Dense, moist, olive brown, GRAVELLY coarse-grained SAND (SP), GRAVEL up to 2-inch size, with cobbles up to 8-inch size.									
105										
	Becomes very dense, very moist, GRAVEL up to 1.5-inch size, with occasional cobbles.									

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-5

Figure B-2
3 of 4

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
	Very dense, very moist, olive brown, GRAVELLY coarse-grained SAND (SP), GRAVEL up to 1.5-inch size, with occasional cobbles (continued).			24		100/4"	8	7	1130	
115										
				25		17	12	7	1215	
120	Bottom of boring at 119.5 feet. Groundwater not encountered at time of drilling.									
125										
130										
135										
140										
145										

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-5

Figure B-2
4 of 4

BORING LOCATION	12' West of Boring P-5; See Location Map	ELEVATION AND DATUM	Not Available
DRILLING AGENCY	Layne Environmental Services, Inc. / DRILLER S. Johnson	DATE STARTED	8/13/91
		DATE FINISHED	8/14/91
DRILLING EQUIPMENT	Drill Systems AP-1000	TOTAL DEPTH DRILLED (ft)	86.5
		ROCK DEPTH (ft)	--
TYPE OF WELL CASING	Schedule 40 PVC / SCREEN PERFORATION 0.020"	DIAMETER OF BORING (in.)	11
		DIAMETER OF WELL (in.)	4
TYPE/SIZE OF SAND PACK	#3 Monterey Sand	TYPE/THICKNESS OF SEAL(S)	Bentonite pellets (1/4") from 12' to 8'; Volclay grout from 8' to ground surface
NUMBER OF SAMPLES	DISTURBED: 0 / UNDISTURBED: 13 / CORE: 0	LOGGED BY	H. Reyes
WATER DEPTH (ft)	FIRST: -- / COMPLETION: -- / 24 HOURS: --	CHECKED BY	M. Razmdjoo

DEPTH, feet	DESCRIPTION	SAMPLES Number	Type	Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
	Very dense, dry to damp, grayish brown, GRAVELLY medium-grained SAND (SP), GRAVEL up to 3-inch size, with cobbles up to 8-inch size.						1400	Borehole drilled at approximate angle of 12 degrees from vertical toward the north.
5		1		50/4"	15	6	1620	
	Large boulder.							
10		2		100/5"*	--	--	1640	No recovery.
	Very dense, moist, dark gray, SILTY medium-grained SAND (SM), with GRAVEL up to 3-inch size and cobbles up to 8-inch size, moderate petroleum product odor.							Stopped drilling on 8/13/91.
15		3		100/2"*	--	--	0735	Resumed drilling on 8/14/91. No recovery.
	Very dense, moist, dark brown, GRAVELLY coarse-grained SAND (SP), GRAVEL up to 3-inch size.							
	Becomes dark gray, with petroleum product staining, cobbles up to 8-inch size coated with petroleum product.							
20		4		35/1"	22	5	0741	
25		5		105/6"	10	6	0844	
30		6		100/3"	24	6	0908	

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-6

Figure B-3
1 of 3

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
	Very dense, moist, dark gray, GRAVELLY coarse-grained SAND (SP), with petroleum product staining, GRAVEL up to 3-inch size and cobbles up to 8-inch size coated with petroleum product (continued).									
35	Very dense, moist, dark gray, SILTY medium-grained SAND (SM), with GRAVEL up to 2-inch size and cobbles up to 6-inch size, moderate petroleum product staining.			7		100/6"*	12	6	1000	
	Very dense, damp, gray to grayish brown, GRAVELLY medium-grained SAND (SP), petroleum product staining and odor.									
40	Less petroleum product staining and odor.			8		100/4"	10	6	1031	
	Granitic boulder.									
45				9		55/1.5"	--	--	1105	No sample for OVA headspace reading.
	Becomes moist, dark gray, coarse-grained, with GRAVEL up to 3-inch size, cobbles up to 8-inch size, and boulders, heavy petroleum product staining and odor.									
50				10		61/1"	--	--	1127	No recovery.
55				11		86/8"	--	--	1220	No sample for OVA headspace reading. Easier drilling to 60'.
60	Becomes grayish brown, less petroleum product staining and odor.			12		100/3"	20	6	1250	
65				13		109/9"	32	6	1310	Recovered only enough for OVA headspace reading.
70				14		50/3"	35	6	1338	

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-6

Figure B-3
2 of 3

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
	Very dense, moist, olive brown, coarse-grained SAND (SP), with GRAVEL up to 3-inch size.									
75	Boulder.			15		117/6"*	--	--	1417	No recovery.
				16		120/3"	27	6	1448	
80	Becomes moist, light gray, fine- to medium-grained, with more GRAVEL and some cobbles.									
85				17		176	9	6	1540	
	Bottom of boring at 86.5 feet. Groundwater not encountered at time of drilling.									
90										
95										
100										
105										

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-6

Figure B-3
3 of 3

BORING LOCATION	20' East of Boring P-5; See Location Map	ELEVATION AND DATUM	Not Available
DRILLING AGENCY	Layne Environmental Services, Inc.	DRILLER S. Johnson	DATE STARTED 8/15/91 — DATE FINISHED 8/15/91
DRILLING EQUIPMENT	Drill Systems AP-1000	TOTAL DEPTH DRILLED (ft) 100.0	ROCK DEPTH (ft) --
TYPE OF WELL CASING	Schedule 40 PVC	SCREEN PERFORATION 0.020"	DIAMETER OF BORING (in.) 11 — DIAMETER OF WELL (in.) 4
TYPE/SIZE OF SAND PACK	#3 Monterey Sand	TYPE/THICKNESS OF SEAL(S)	Bentonite pellets (1/4") from 14' to 10.5'; Volclay grout from 10.5' to ground surface
NUMBER OF SAMPLES	DISTURBED: 0 — UNDISTURBED: 15 — CORE: 0	LOGGED BY	H. Reyes
WATER DEPTH (ft)	FIRST: -- — COMPLETION: -- — 24 HOURS: --	CHECKED BY	M. Razmdjoo

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
	Very dense, damp, light olive, GRAVELLY medium-grained SAND (SP), GRAVEL up to 3-inch size, with some cobbles.								0803	
5				1		80/6"	9	5	0817	
	Very dense, moist, olive brown, coarse-grained SAND (SP), with some GRAVEL up to 2-inch size, slight petroleum product odor.									
10				2		75/6"	9	6	0844	
	Becomes dark brown, with petroleum product staining.									
	Very dense, damp, dark gray, SILTY fine-grained SAND (SM), with GRAVEL and cobbles coated with petroleum product, moderate petroleum product staining and odor.									
15				3		111/ 3"*	--	--	0905	No recovery.
	With GRAVEL and cobbles of increased size.									
20				4		120/ 2"*	--	--	0915	No recovery.
				5		90/1"*	--	--	0931	No recovery. Easier drilling.
	Very dense, moist, gray, GRAVELLY medium-grained SAND (SP), GRAVEL up to 3-inch size, with cobbles up to 8-inch size, moderate petroleum product staining and odor.									
25				6		89	220	7	0948	
30	Granitic cobble.			7		100/ 3"*	--	--	1012	No recovery.

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-7

Figure B-4
1 of 3

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	Type	Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (t/mm)	REMARKS
35	Very dense, moist, gray, GRAVELLY medium-grained SAND (SP), GRAVEL up to 3-inch size, with cobbles up to 8-inch size, moderate petroleum product staining and odor (continued).			8		100/ 2"*	124	7	1031	
	Becomes coarse-grained.									
40				9		100/4"	28	7	1053	
45				10		100/ 5"*	--	--	1115	No sample for OVA headspace reading.
50	Becomes dark gray to grayish brown.			11		65/3"	100	7	1129	
55				12		100/ 5"*	110	7	1215	
60				13		108/ 5"*	133	8	1235	
	Becomes dark gray, increased petroleum product staining and odor.									
65				14		154/ 6"*	--	--	1257	No sample for OVA headspace reading.
70				15		135/5"	100	5	1342	

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-7

Figure B-4
2 of 3

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
	Very dense, moist, dark gray, GRAVELLY coarse-grained SAND (SP) to SANDY GRAVEL (GP), GRAVEL up to 3-inch size, with cobbles up to 8-inch size, heavy petroleum product staining and moderate odor (continued).									
75				16		94/1"	110	5	1405	
	Becomes medium dense.									
80				17		27	105	5	1425	
	Very dense, moist, brownish gray to dark gray, SANDY GRAVEL (GP), GRAVEL up to 3-inch size, SAND is coarse-grained, with some cobbles, moderate petroleum product staining.									
85				18		68/10"	110	5	1448	
90				19		50/3"	9	6	1520	No recovery.
95	Very dense, moist, olive brown, GRAVELLY coarse-grained SAND (SP), GRAVEL up to 2-inch size, no petroleum product staining or odor.			20		131	--	--	1535	
	Large cobbles and boulders.									
100	Bottom of boring at 100 feet.								1600	
	Groundwater not encountered at time of drilling.									
105										

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-7

Figure B-4
3 of 3

BORING LOCATION: 35' E of Boring P-5, 9' S of North Fence; See Location Map		ELEVATION AND DATUM: Not Available	
DRILLING AGENCY: Layne Environmental Services, Inc.	DRILLER: S. Johnson	DATE STARTED: 8/16/91	DATE FINISHED: 8/16/91
DRILLING EQUIPMENT: Drill Systems AP-1000		TOTAL DEPTH DRILLED (ft): 50.8	ROCK DEPTH (ft): --
TYPE OF WELL CASING: --	SCREEN PERFORATION: 0.020"	DIAMETER OF BORING (in.): 11	DIAMETER OF WELL (in.): --
TYPE/SIZE OF SAND PACK: --	TYPE/THICKNESS OF SEAL(S): Borehole backfilled to ground surface with Volclay grout		
NUMBER OF SAMPLES: DISTURBED: 0	UNDISTURBED: 6	CORE: 0	LOGGED BY: H. Reyes
WATER DEPTH (ft): FIRST: --	COMPLETION: --	24 HOURS: --	CHECKED BY: M. Razmdjoo

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES: Number	SAMPLES: Type	SAMPLES: Blow Count	OVA (ppm): Head-space	OVA (ppm): Back-ground	DRILLING RATE (time)	REMARKS
	Damp, olive brown to olive gray, GRAVELLY coarse-grained SAND (SP), GRAVEL up to 3-inch size, with some cobbles.								1014	
5	Boulder.									
	Becomes very GRAVELLY, grading to very dense, damp, light gray, SANDY GRAVEL (GP).									
10				1		72/5"*	9	6	1035	Recovered only enough for OVA headspace reading.
	Very dense, moist, olive brown, GRAVELLY medium-grained SAND (SP), GRAVEL up to 2-inch size.									
15	Becomes coarse-grained.			2		100/ 5.5"*	--	--		No sample for OVA headspace reading.
20				3		75/3"	9	6	1100	
25				4		100/ 5"*	12	6	1121	
	Very dense, damp, gray, SANDY GRAVEL (GP), GRAVEL up to 2-inch size, with some cobbles up to 8-inch size.									
30				5		100/ 2"*	16	6	1134	Recovered only enough for OVA headspace reading.

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-8

Figure B-5
1 of 2

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
	Very dense, damp, gray, SANDY GRAVEL (GP). GRAVEL up to 2-inch size, with some cobbles to 8-inch size (continued).									
35	SAND becomes moist, olive brown, coarse-grained.			6		100/3"	--	--	1217	No recovery.
	Very dense, moist, olive brown, GRAVELLY fine- to coarse-grained SAND (SW), GRAVEL up to 2-inch size, with some cobbles up to 8-inch size.									
40				7		100/2"	9	6	1232	
45				8		115/2"	--	--	1250	No sample for OVA headspace reading.
	Abundant GRAVEL.									
50				9		100/3"	8	6	1310	
	Bottom of boring at 50.8 feet. Groundwater not encountered at time of drilling.									
55										
60										
65										
70										

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING B-8

Figure B-5
2 of 2

9/27/91 3anwasp2 UCPRE

Woodward-Clyde Consultants

BORING LOCATION: Waste Oil Tank in Northeast Sector; See Location Map		ELEVATION AND DATUM: Not Available	
DRILLING AGENCY: Water Development Corporation	DRILLER: B. Smith	DATE STARTED: 5/17/91	DATE FINISHED: 5/17/91
DRILLING EQUIPMENT: Drilltech D-40-K, Dual-Tube Air Percussion		TOTAL DEPTH DRILLED (ft): 55.0	ROCK DEPTH (ft): --
TYPE OF WELL CASING: --	SCREEN PERFORATION: --	DIAMETER OF BORING (in.): 10	DIAMETER OF WELL (in.): --
TYPE/SIZE OF SAND PACK: --	TYPE/THICKNESS OF SEAL(S): Borehole backfilled with cement/bentonite to ground surface		
NUMBER OF SAMPLES: DISTURBED: 2	UNDISTURBED: 4	CORE: 0	LOGGED BY: K. Hughes
WATER DEPTH (ft): FIRST: --	COMPLETION: --	24 HOURS: --	CHECKED BY: M. Razmdjoo

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES: Number	SAMPLES: Type	SAMPLES: Blow Count	OVA (ppm): Head-space	OVA (ppm): Back-ground	DRILLING RATE (time)	REMARKS
	Moist, dark gray, GRAVELLY fine- to coarse-grained SAND (SW), with GRAVEL up to 3-inch size and few cobbles [Fill].								1635	Borehole located 19-1/2' from fence line.
10	With dark discoloration, petroleum odor.									
15							32	8		OVA headspace reading from drill cuttings.
20	Very dense, moist, dark gray (discolored), GRAVELLY fine- to coarse-grained SAND (SW), with GRAVEL up to 3-inch size and cobbles, petroleum odor.			1		44/6"	6	6	1656	Recovered only 2" of gravel.
25							18	6		OVA headspace reading from drill cuttings.
30				2		89	48	5	1720	

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING P-4

Figure B-6
1 of 2

DEPTH, feet	DESCRIPTION	LITHOLOGIC LOG	WELL COMPLETION LOG	SAMPLES Number	SAMPLES Type	SAMPLES Blow Count	OVA (ppm) Head-space	OVA (ppm) Back-ground	DRILLING RATE (time)	REMARKS
35	Very dense, moist, dark gray (discolored), GRAVELLY fine- to coarse-grained SAND (SW), with GRAVEL up to 3-inch size and cobbles, petroleum odor (continued); odor becomes less at 32-foot depth. Becomes gray.			3		55/6"	68	5	1740	Sample color likely due to single clast broken up in sampler.
40	Becomes light gray, with slight petroleum odor.			4		55	3	1	1753	No recovery for analysis; enough for OVA headspace reading only.
45	Becomes dense, no odor.			5		40	7	2	1808	
50	Becomes very dense.			6		102	--	--	1825	6" cobble caught in suction hose to hopper.
55	Bottom of boring at 55 feet. Groundwater not encountered at time of drilling.			7			20	1	1908	Grab sample from drill cuttings for OVA headspace reading.
60										
65										
70										

Project: Hughes Markets
Project Number: 914W412A

LOG OF BORING P-4

Figure B-6
2 of 2

APPENDIX C

LABORATORY RESULTS/CHAIN-OF-CUSTODY FORMS

RECEIVED
MAY - 1 1991

WCAS
WEST COAST ANALYTICAL SERVICE, INC.
ANALYTICAL CHEMISTS

April 30, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18399 A

LABORATORY REPORT

Samples Received: Six (6) Soil Samples
Date Received: 4-23-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Six (6) soils	Volatile Aromatics by EPA 8020	Data Sheets

B. Michael Hovanec
Senior Staff Chemist

D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE
Dr. Alistaire Callender

Job # 18399
April 30, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
1A	ND
1B	186
3A-1	17,000
3A-2	10,900
Detection Limit	10

ND - Not Detected

Date Analyzed: 4-26-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
2A	ND	ND	ND	ND	ND
2B	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Date Analyzed: 4-24-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: 3A-1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 100

Compound	Concentration ug/Kg		Detection Limits
Benzene	ND		100
Chlorobenzene	ND		100
1,2-Dichlorobenzene	ND		100
1,3-Dichlorobenzene	ND		100
1,4-Dichlorobenzene	ND		100
Ethylbenzene	1100	B	100
Toluene	370	B	100
Total Xylenes	2600	B	100
Surrogate Percent Recovery:	95		

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: 3A-2
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 100

Compound	Concentration ug/Kg		Detection Limits
Benzene	ND		100
Chlorobenzene	ND		100
1,2-Dichlorobenzene	ND		100
1,3-Dichlorobenzene	ND		100
1,4-Dichlorobenzene	ND		100
Ethylbenzene	780	B	100
Toluene	270	B	100
Total Xylenes	22000	B	100
Surrogate Percent Recovery:	105		

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	2	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	79	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 4/23/91

PROJECT NAME: UCP - Remediation

PROJECT NO.: 904W217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
3A-1 U	Tank 3A	Soil	grab	glass jar	ice	none	418.1 8020
3A-2 U	Tank 3A		"	"			418.1 8020
1A U	" 1						418.1 8020
1B U	" 1						418.1 8020
2A U	" 2						8015 8020
2B U	" 2						8015 8020

Total Number of Samples Shipped: 6 | Sampler's Signature: Susan Overman

Relinquished By:	Received By:	Date / Time
Signature: Susan Overman Printed Name: Susan Overman Company: WCC Reason: [illegible]	Signature: R Northington Printed Name: R Northington Company: WHAS, Inc. 18399	Date: 4/23/91 Time: 3:11 pm
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

LA/OR-0183-421

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ANALYTICAL CHEMISTS

April 19, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18333 A

LABORATORY REPORT

Samples Received: Four (4) soils and one (1) liquid product
Date Received: 4-16-91
Purchase Order No: Proj#: 904W217A-1000/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Two (2) soils and one (1) liquid	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 1
One (1) liquid product	CAM (17) Metals by ICPMS	Data Sheet

B. Michael Hovanec
Senior Staff Chemist

Michael Shelton
Technical Director

9840 Alburtis Avenue • Santa Fe Springs California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 18333
April 19, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
1X	ND	ND	ND	ND	ND
4X	ND	ND	ND	ND	430
Detection Limit	10	10	10	10	100

Sample ID	C_5-C_{30} Hydrocarbons*
Product	>99%
Detection Limit	1000

ND - Not Detected

* Unable to positively identify.

Date Analyzed: 4-17-91

Client: Woodward-Clyde Consultants Sample: "PRODUCT"
Job Number: 18333
Date Analyzed: 4-18-91 File: 8333 161

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

	Sample mg/Kg	Detection Limit	10X STLC Limits mg/Kg	TTLC Limits mg/Kg
Antimony	ND<0.10	0.1	150	500
Arsenic	0.19	0.06	50	500
Barium	19.2	0.1	1000	10000
Beryllium	ND<0.010	0.01	7.5	75
Cadmium	0.14	0.02	10	100
Chromium (III/VI)	ND<0.5	0.5	5600/50	2500/500
Cobalt	1.51	0.02	800	8000
Copper	2.6	0.5	250	2500
Lead	55.5 *	0.08	50	1000
Mercury	ND<0.06	0.06	2	20
Molybdenum	ND<0.10	0.1	3500	3500
Nickel	53.5	0.3	200	2000
Selenium	ND<0.4	0.4	10	100
Silver	ND<0.010	0.01	50	500
Thallium	ND<0.010	0.01	70	700
Vanadium	40.9	0.04	240	2400
Zinc	7.6	0.9	2500	5000

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Woodward-Clyde Consultants

SHIPMENT NO.:_____

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

DATE 4/16/91

PROJECT NAME: [illegible]

PROJECT NO.: [illegible]

Sample Number	Location	Type of Sample		Type of Container	Type of Preservation		Analysis Required*
		Material	Method		Temp	Chemical	
Product		liquid	liquid	[illegible]	[illegible]	[illegible]	[illegible]
1A		[illegible]	[illegible]	[illegible]			[illegible]
2A		↓	↓	↓	↓	↓	[illegible]
[illegible]		↓	↓	↓	↓	↓	[illegible]
4A		↓	↓	↓	↓	↓	[illegible]

Total Number of Samples Shipped: 5 | Sampler's Signature: [illegible]

Relinquished By: Signature [illegible] Printed Name [illegible] Company [illegible] Reason [illegible]	Received By: Signature Mary Mulcahey Printed Name Company WCAS	Date 4/16/91 Time 3:00 pm
Relinquished By: Signature Printed Name Company Reason	Received By: Signature 18333 Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time

Special Shipment / Handling / Storage Requirements:

18333

* Note – This does not constitute authorization to proceed with analysis

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WCAS
WEST COAST ANALYTICAL SERVICE, INC.
ANALYTICAL CHEMISTS

May 31, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18582 A

LABORATORY REPORT

Samples Received: Twelve (12) Soil Samples
Date Received: 5-16-91
Purchase Order No: Proj#: 904W217A/UCP

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Three (3) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 1
Five (5) soils	pH by EPA 9040	Table 2
One (1) soil	CAM (17) Metals by ICPMS	Data Sheet
Three (3) soils	Volatile Organics by EPA 8260	Data Sheets
Three (3) soils	Surrogate Percent Recoveries for EPA 8260	Data Sheet

B. Michael Hovanec
Senior Staff Chemist

Michael Shelton
Technical Director

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

Client: Woodward-Clyde Consultants
Job Number: 18591
Date Analyzed: 5-23-91

Sample: P-4-2-4
File: 8571
221

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

	Sample mg/Kg	Detection Limit	10X STLC Limits mg/Kg	TTLC Limits mg/Kg
Antimony	ND<2	2	150	500
Arsenic	3.4	0.4	50	500
Barium	70.6	0.3	1000	10000
Beryllium	ND<0.08	0.08	7.5	75
Cadmium	0.06	0.05	10	100
Chromium (III/VI)	9.4	0.8	5600/50	2500/500
Cobalt	4.29	0.02	800	8000
Copper	547 *	0.3	250	2500
Lead	4.07	0.08	50	1000
Mercury	ND<0.5	0.5	2	20
Molybdenum	ND<0.2	0.2	3500	3500
Nickel	7.2	0.2	200	2000
Selenium	0.8	0.8	10	100
Silver	ND<0.03	0.03	50	500
Thallium	ND<0.07	0.07	70	700
Vanadium	24	2	240	2400
Zinc	223	1	2500	5000

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

CLIENT: WOODWARD CLYDE CONSULTANTS SAMPLE: P-4-2-4
WCAS JOB #: 18591

DATE RECEIVED: 05/20/91 RUN NUMBER: 18591V3
DATE EXTRACTED: 05/29/91 SAMPLE AMOUNT: 0.25G
DATE ANALYZED: 05/29/91 MATRIX: SOIL

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	100.
71-43-2	BENZENE	ND	20.
75-27-4	BROMODICHLOROMETHANE	ND	20.
75-25-2	BROMOFORM	ND	20.
74-83-9	BROMOMETHANE	ND	100.
78-93-3	2-BUTANONE (MEK)	ND	100.
75-15-0	CARBON DISULFIDE	ND	20.
56-23-5	CARBON TETRACHLORIDE	ND	20.
108-90-7	CHLOROBENZENE	ND	20.
75-00-3	CHLOROETHANE	ND	100.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	200.
67-66-3	CHLOROFORM	ND	20.
74-87-3	CHLOROMETHANE	ND	100.
108-41-8	CHLOROTOLUENE	ND	20.
124-48-1	DIBROMOCHLOROMETHANE	ND	20.
95-50-1	1,2-DICHLOROBENZENE	ND	20.
541-73-1	1,3-DICHLOROBENZENE	ND	20.
106-46-7	1,4-DICHLOROBENZENE	ND	20.
75-34-3	1,1-DICHLOROETHANE	ND	20.
107-06-2	1,2-DICHLOROETHANE	ND	20.
75-35-4	1,1-DICHLOROETHYLENE	ND	20.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	20.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	20.
78-87-5	1,2-DICHLOROPROPANE	ND	20.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	20.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	20.
100-41-4	ETHYLBENZENE	ND	20.
106-93-4	ETHYLENE DIBROMIDE	ND	20.
76-13-1	FREON-TF	ND	20.
119-78-6	2-HEXANONE	ND	100.
75-09-2	METHYLENE CHLORIDE	140. B	20.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	100.
100-42-5	STYRENE	ND	20.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	20.
127-18-4	TETRACHLOROETHYLENE	ND	20.
109-99-9	TETRAHYDROFURAN	ND	100.
108-88-3	TOLUENE	ND	20.
71-55-6	1,1,1-TRICHLOROETHANE	ND	20.
79-00-5	1,1,2-TRICHLOROETHANE	ND	20.
79-01-6	TRICHLOROETHYLENE	ND	20.
75-69-4	TRICHLOROFLUOROMETHANE	ND	20.
108-05-4	VINYL ACETATE	ND	100.
75-01-4	VINYL CHLORIDE	ND	100.
95-47-6	TOTAL XYLENES	ND	20.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD CLYDE CONSULTANTS SAMPLE: P-4-2-4
WCAS JOB #: 18591

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	C9-C10 ALKYLBENZENES	VOA	4000.
2	C9-C11 ALIPHATIC AND ALICYCLIC HYDROCARBONS	VOA	8000.

CLIENT: WOODWARD CLYDE CONSULTANTS SAMPLE: P-4-3-4
WCAS JOB #: 18591

DATE RECEIVED: 05/20/91 RUN NUMBER: 18591V4
DATE EXTRACTED: 05/29/91 SAMPLE AMOUNT: 0.25G
DATE ANALYZED: 05/29/91 MATRIX: SOIL

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	100.
71-43-2	BENZENE	ND	20.
75-27-4	BROMODICHLOROMETHANE	ND	20.
75-25-2	BROMOFORM	ND	20.
74-83-9	BROMOMETHANE	ND	100.
78-93-3	2-BUTANONE (MEK)	ND	100.
75-15-0	CARBON DISULFIDE	ND	20.
56-23-5	CARBON TETRACHLORIDE	ND	20.
108-90-7	CHLOROBENZENE	ND	20.
75-00-3	CHLOROETHANE	ND	100.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	200.
67-66-3	CHLOROFORM	ND	20.
74-87-3	CHLOROMETHANE	ND	100.
108-41-8	CHLOROTOLUENE	ND	20.
124-48-1	DIBROMOCHLOROMETHANE	ND	20.
95-50-1	1,2-DICHLOROBENZENE	ND	20.
541-73-1	1,3-DICHLOROBENZENE	ND	20.
106-46-7	1,4-DICHLOROBENZENE	ND	20.
75-34-3	1,1-DICHLOROETHANE	ND	20.
107-06-2	1,2-DICHLOROETHANE	ND	20.
75-35-4	1,1-DICHLOROETHYLENE	ND	20.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	20.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	20.
78-87-5	1,2-DICHLOROPROPANE	ND	20.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	20.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	20.
100-41-4	ETHYLBENZENE	ND	20.
106-93-4	ETHYLENE DIBROMIDE	ND	20.
76-13-1	FREON-TF	ND	20.
119-78-6	2-HEXANONE	ND	100.
75-09-2	METHYLENE CHLORIDE	120. B	20.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	100.
100-42-5	STYRENE	ND	20.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	20.
127-18-4	TETRACHLOROETHYLENE	ND	20.
109-99-9	TETRAHYDROFURAN	ND	100.
108-88-3	TOLUENE	ND	20.
71-55-6	1,1,1-TRICHLOROETHANE	ND	20.
79-00-5	1,1,2-TRICHLOROETHANE	ND	20.
79-01-6	TRICHLOROETHYLENE	ND	20.
75-69-4	TRICHLOROFLUOROMETHANE	ND	20.
108-05-4	VINYL ACETATE	ND	100.
75-01-4	VINYL CHLORIDE	ND	100.
95-47-6	TOTAL XYLENES	42.	20.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD CLYDE CONSULTANTS SAMPLE: P-4-3-4
WCAS JOB #: 18591

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	C9-C10 ALKYLBENZENES	VOA	5000.
2	C8-C11 ALIPHATIC AND ALICYCLIC HYDROCARBONS	VOA	20000.

CLIENT: WOODWARD CLYDE CONSULTANTS SAMPLE: LAB BLANK
WCAS JOB #: 18591

DATE RECEIVED: 05/29/91 RUN NUMBER: VBLK905
DATE EXTRACTED: 05/29/91 SAMPLE AMOUNT: BASED ON 1.0G
DATE ANALYZED: 05/29/91 MATRIX: WATER

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	30.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	30.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	35.	5.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	30.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD CLYDE CONSULTANTS SAMPLE: LAB BLANK
WCAS JOB #: 18591

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

Data Reporting Qualifiers

Value - If the result is a value greater than or equal to the Detection Limit (DL), the value is reported.

ND - Indicates that the compound was analyzed for but not detected. The minimum DL for the sample with the ND is reported based on necessary concentration or dilution actions.

B - Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

VOLATILE SURROGATE PERCENT RECOVERY SUMMARY

DATE ANALYZED: 05/29/91
INSTRUMENT: 5101

MATRIX: SOIL

SAMPLE #	TOLUENE-D8	BFB	1,2-DICHLORO-ETHANE-D4
LAB BLANK	97	92	101
P-4-2-4	101	94	97
P-4-3-4	99	87	93

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WEST COAST ANALYTICAL SERVICE, INC.
ANALYTICAL CHEMISTS

August 30, 1991

WOODWARD-CLYDE CONSULTANTS
2020 E. First Street
Suite 400
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 19249 A

LABORATORY REPORT

Samples Received: Six (6) Soil Samples
Date Received: 8-16-91
Date Released for Analysis: 8-26-91
Purchase Order No: Proj#: 904W217A/UCP

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Two (2) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
One (1) soil	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2

B. Michael Hovanec
Senior Staff Chemist

Michael Shelton
Technical Director

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 19249
August 30, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
B-8-7-4	ND
B-8-9-4	ND
Detection Limit	10

ND - Not Detected

Date Analyzed: 8-27-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
B-8-7-4	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Date Analyzed: 8-27-91

EPA 418.1 TOTAL PETROLEUM HYDROCARBONS

Stock Spike Conc.	22 (mg/ml)	Analyte:	DIESEL
Spike Volume Used.	90 (ul)	Date:	08/27/91
Sample Weight.	2.29 (g)	Matrix:	SOIL
Spike Conc. in Sample.	864.6 (ppm)	Client:	Woodward-Clyde Consultants
Duplicate Weight.	2.29 (g)		
Spike Conc. in Dup.	864.6 (ppm)		

JOB #	Sample #	SAMPLE CONC.	M.S. CONC.	PERCENT RECOVERY	M.S.D. CONC.	PERCENT RECOVERY	SPIKE RPD
19249	B-8-9-4	ND	836	97	753	87	10

RPD is Within QC Limits
MS % RECOVERY is Within QC Limits
MSD % RECOVERY is Within QC Limits

Q.A. FORM FOR 8015 (Petroleum Hydrocarbons) - MSD

Client: WOODWARD CLYDE
Job No.: 19249
Date: 08/27/91

Matrix: SOIL
Group: GC
Analysis Code: 8015

Analytes	Sample	Matrix Spike	Percent Recovery	Matrix Spike Dup	Percent Recovery	Spike R.P.D.	Spike Conc.
Gasoline	ND	590	91	588	90	0.3	650
Diesel	ND	592	82	691	96	15.4**	720

ALL CONCENTRATIONS IN PPM

** - outside 2 S.D.

Woodward-Clyde Consultants

SHIPMENT NO.: 2

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

DATE 8/16/91

PROJECT NAME: U.C.P.

PROJECT NO.: 94W217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
B-5-2-4	15'	SOIL	DRIVE	2" BRASS	ICE	NONE	CONTACT
B-5-3-4	20						ALLSTAR
B-5-4-4	25						CALIBWORK
B-5-7-4	40						
B-5-8-4	45						714-935-6886
B-5-9-4	50	↓	↓	↓	↓	↓	

Total Number of Samples Shipped: 6 | Sampler's Signature: Doctor Rojas

Relinquished By: Signature: Doctor Rojas; Printed Name: DOCTOR ROJAS; Company: W.C.C.; Reason: ANALYSIS	Received By: Signature: D Partington; Printed Name: D Partington; Company: WAS #19249	Date: 8/16/91; Time: 3:45
Relinquished By: Signature: ; Printed Name: ; Company: ; Reason:	Received By: Signature: ; Printed Name: ; Company:	Date: / /; Time:
Relinquished By: Signature: ; Printed Name: ; Company: ; Reason:	Received By: Signature: ; Printed Name: ; Company:	Date: / /; Time:
Relinquished By: Signature: ; Printed Name: ; Company: ; Reason:	Received By: Signature: ; Printed Name: ; Company:	Date: / /; Time:

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

RECEIVED
SEP - 3 1991

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

September 5, 1991

WOODWARD-CLYDE CONSULTANTS
2020 E. First Street
Suite 400
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 19234 A

LABORATORY REPORT

Samples Received: Fifteen (15) Soil Samples
Date Received: 8-16-91
Date Released for Analysis: 8-26-91
Purchase Order No: Proj#: 904W217A/UCP

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Three (3) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 1
Three (3) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 2
One (1) soil	CAM (17) Metals by ICPMS	Data Sheet
Two (2) soils	Volatile Organics by EPA 8260	Data Sheets

Michael Shelton
Technical Director

D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 19234
September 5, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
B-7-6-4	ND	ND	ND	7300*	3100
B-7-14-4	ND	ND	ND	4000*	1000
B-7-20-4	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

* Identity uncertain; probable mixture of compounds.

Date Analyzed: 8-30-91

TABLE 2

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
B-7-6-4	11,000
B-7-8-4	11,000
B-7-18-4	3,200
Detection Limit	10

ND - Not Detected

Date Analyzed: 8-29-91

Client: Woodward Clyde Consultants Sample: B-7-6-4
Job Number: 19234
Date Analyzed: 08-28-91 File: 9319
401

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

	Sample mg/Kg	Detection Limit	10X STLC Limits mg/Kg	TTLC Limits mg/Kg
Antimony	0.91	0.07	150	500
Arsenic	3	2	50	500
Barium	64	7	1000	10000
Beryllium	0.29	0.07	7.5	75
Cadmium	ND<0.06	0.06	10	100
Chromium (III/VI)	8.5	0.6	5600/50	2500/500
Cobalt	4.65	0.02	800	8000
Copper	28.4	0.4	250	2500
Lead	3	1	50	1000
Mercury	ND<0.06	0.06	2	20
Molybdenum	0.23	0.04	3500	3500
Nickel	7.1	0.4	200	2000
Selenium	ND<1	1	10	100
Silver	0.06	0.02	50	500
Thallium	ND<0.02	0.02	70	700
Vanadium	24	3	240	2400
Zinc **	60.7	0.2	2500	5000

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

** - Date analyzed: 9-3-91

Client: Woodward Clyde Consultants
Job Number: 19234
Date Analyzed: 08-28-91
Matrix: Soil

Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry

Parts Per Million (mg/Kg)

	Sample	Duplicate			Spk Rslt		
	9319 401	9319 411	RPD %	Spike Conc ppm	9319 421	% Recovery	Detect. Limit
Beryllium	0.29	0.27		20	21.9	108.1	0.07
Vanadium	24	24		20	48		2
Chromium	8.5	9.9		20	29.7	102.5	0.5
Cobalt	4.65	4.6	1.1	20	25.2	102.9	0.02
Nickel	7.1	8.9	20	20	30.1	111	0.1
Copper	28.4	29.3	3.1	20	47.8		0.8
Zinc **	60.7	45	29.7	20	64.2		2
Arsenic	3	3		20	25	110	2
Selenium	ND<1	ND<1		20	20	100	2
Molybdenum	0.23	0.2		20	20.5	101.5	0.07
Silver	0.06	0.07		20	16.9	84.3	0.03
Cadmium	ND<0.06	ND<0.06		20	20.3	101.4	0.04
Antimony	0.91	0.79		20	16.3	77.3	0.08
Barium	64	59	8.1	20	81		0.3
Mercury	ND<0.06	ND<0.06		2	4.79	235	0.2
Thallium	ND<0.02	0.02		20	19.9	99.3	0.02
Lead	3	3	0	20	23	100.5	0.09

** - Date analyzed: 9-3-91

EPA 418.1 TOTAL PETROLEUM HYDROCARBONS

Stock Spike Conc.	22.01 (mg/ml)	Analyte:	DIESEL
Spike Volume Used.	60 (ul)	Date:	08/29/91
Sample Weight.	3.00 (g)	Matrix:	SOIL
Spike Conc. in Sample.	440.2 (ppm)	Client:	WOODWARD CLYDE
Duplicate Weight.	3 (g)		
Spike Conc. in Dup.	440.2 (ppm)		

JOB #	SAMPLE CONC.	M.S. CONC.	PERCENT RECOVERY	M.S.D. CONC.	PERCENT RECOVERY	SPIKE RPD
19234	11	402	89	406	90	1

RPD is Within QC Limits
MS % RECOVERY is Within QC Limits
MSD % RECOVERY is Within QC Limits

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-7-6-4
WCAS JOB #: 19234

DATE RECEIVED: 08/16/91 RUN NUMBER: 19234T3
DATE EXTRACTED: 08/27/91 SAMPLE AMOUNT: 10G:10ML,10UL
DATE ANALYZED: 08/28/91 MATRIX: SOIL

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	3000.
71-43-2	BENZENE	ND	500.
75-27-4	BROMODICHLOROMETHANE	ND	500.
75-25-2	BROMOFORM	ND	500.
74-83-9	BROMOMETHANE	ND	3000.
78-93-3	2-BUTANONE (MEK)	ND	3000.
75-15-0	CARBON DISULFIDE	2200. B	500.
56-23-5	CARBON TETRACHLORIDE	ND	500.
108-90-7	CHLOROBENZENE	ND	500.
75-00-3	CHLOROETHANE	ND	3000.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	5000.
67-66-3	CHLOROFORM	ND	500.
74-87-3	CHLOROMETHANE	ND	3000.
108-41-8	CHLOROTOLUENE	ND	500.
124-48-1	DIBROMOCHLOROMETHANE	ND	500.
95-50-1	1,2-DICHLOROBENZENE	ND	500.
541-73-1	1,3-DICHLOROBENZENE	ND	500.
106-46-7	1,4-DICHLOROBENZENE	ND	500.
75-34-3	1,1-DICHLOROETHANE	ND	500.
107-06-2	1,2-DICHLOROETHANE	ND	500.
75-35-4	1,1-DICHLOROETHYLENE	ND	500.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	500.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	500.
78-87-5	1,2-DICHLOROPROPANE	ND	500.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	500.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	500.
100-41-4	ETHYLBENZENE	ND	500.
106-93-4	ETHYLENE DIBROMIDE	ND	500.
76-13-1	FREON-TF	ND	500.
119-78-6	2-HEXANONE	ND	3000.
75-09-2	METHYLENE CHLORIDE	1500. B	500.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	3000.
100-42-5	STYRENE	ND	500.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	500.
127-18-4	TETRACHLOROETHYLENE	ND	500.
109-99-9	TETRAHYDROFURAN	ND	3000.
108-88-3	TOLUENE	ND	500.
71-55-6	1,1,1-TRICHLOROETHANE	ND	500.
79-00-5	1,1,2-TRICHLOROETHANE	ND	500.
79-01-6	TRICHLOROETHYLENE	ND	500.
75-69-4	TRICHLOROFLUOROMETHANE	ND	500.
108-05-4	VINYL ACETATE	ND	3000.
75-01-4	VINYL CHLORIDE	ND	3000.
95-47-6	TOTAL XYLENES	ND	500.

SURROGATE	1,2-DCA-d4	TOL-d8	BFB
PERCENT RECOVERY	100	99	105
CONTROL LIMITS	76-114	88-110	86-115

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-7-6-4
WCAS JOB #: 19234

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	C9-C12 ALIPHATIC AND ALICYCLIC HYDROCARBONS	VOA	200000.
2	C10-C12 ALKYLBENZENES	VOA	400000.

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-7-20-4
WCAS JOB #: 19234

DATE RECEIVED: 08/16/91 RUN NUMBER: 19234T1
DATE EXTRACTED: 08/27/91 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 08/27/91 MATRIX: SOIL

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	30.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	30.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	9. B	5.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	30.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

SURROGATE :	1,2-DCA-d4	TOL-d8	BFB
PERCENT RECOVERY:	99	98	101
CONTROL LIMITS :	76-114	88-110	86-115

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-7-20-4
WCAS JOB #: 19234

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: LAB BLANK
WCAS JOB #: 19234

DATE RECEIVED: 08/27/91 RUN NUMBER: VBLK904
DATE EXTRACTED: 08/27/91 SAMPLE AMOUNT: BASED ON 1.0G
DATE ANALYZED: 08/27/91 MATRIX: WATER

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	30.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	30.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	22.	5.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	30.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

SURROGATE :	1,2-DCA-d4	TOL-d8	BFB
PERCENT RECOVERY:	105	98	102
CONTROL LIMITS :	76-114	88-110	86-115

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: LAB BLANK
WCAS JOB #: 19234

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: LAB BLANK
WCAS JOB #: 19234

DATE RECEIVED: 08/28/91 RUN NUMBER: VBLK905
DATE EXTRACTED: 08/28/91 SAMPLE AMOUNT: BASED ON 1.0G
DATE ANALYZED: 08/28/91 MATRIX: WATER

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	30.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	30.
75-15-0	CARBON DISULFIDE	20.	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	12.	5.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	30.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

SURROGATE	1,2-DCA-d4	TOL-d8	BFB
PERCENT RECOVERY	98	99	98
CONTROL LIMITS	76-114	88-110	86-115

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: LAB BLANK
WCAS JOB #: 19234

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

WEST COAST ANALYTICAL SERVICE

MATRIX SPIKE (MS AND MSD)
% RECOVERY AND RPD SUMMARY

CLIENT : WOODWARD-CLYDE
DATE ANALYZED: 08/27/91
WCAS JOB # : 19234

QC BATCH #: 082791S
MATRIX : SOIL
UNITS : UG/KG (PPB)

VOLATILE COMPOUNDS

COMPOUND	CONC SPIKED	CONC SAMPLE	CONC MS	%REC MS	CONC MSD	%REC MSD	RPD
1,1-DICHLOROETHYLENE	250.	5.ND	262.	105	270.	108	-3
BENZENE	250.	5.ND	246.	98	248.	99	-1
TRICHLOROETHYLENE	250.	5.ND	216.	86	214.	86	1
TOLUENE	250.	5.ND	255.	102	255.	102	0
CHLOROBENZENE	250.	5.ND	263.	105	266.	106	-1

** - Outside Control Limits
* - Outside Warning Limits
RPD=(MS-MSD)/((MS+MSD)/2)*100

RPD: 0 Out of 5 RECOVERY: 0 Out of 10 Outside CONTROL limits

RPD: 0 Out of 5 RECOVERY: 0 Out of 10 Outside WARNING limits

SOIL QUALITY CONTROL LIMITS

	RECOVERY		RPD	
	WARNING	CONTROL	WARNING	CONTROL
1,1-DICHLOROETHYLENE	51-155	25-182	14	20
BENZENE	73-125	60-138	10	14
TRICHLOROETHYLENE	59-120	44-135	11	17
TOLUENE	80-116	71-125	12	18
CHLOROBENZENE	82-109	75-115	8	12

Data Reporting Qualifiers

Value - If the result is a value greater than or equal to the Detection Limit (DL), the value is reported.

ND - Indicates that the compound was analyzed for but not detected. The minimum DL for the sample with the ND is reported based on necessary concentration or dilution actions.

B - Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

SHIPMENT NO.: 2

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

DATE 8/15/91

PROJECT NAME: U.C.P.

PROJECT NO.: 904W217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
B-7-1-4	5'	SOIL	DRIVE	BRASS TUBE	ICE	NONE	CONTACT
B-7-2-4	10'						ALISTAIRE
B-7-6-4	24'						CALENDAR
B-7-8-4	35						714-355688
B-7-9-4	40						
B-7-10-4	45						
B-7-11-4	50						
B-7-12-4	55						
B-7-13-4	60						
B-7-14-4	65						
B-7-15-4	70						
B-7-16-4	75						
B-7-17-4	80						
B-7-18-4	85						
B-7-20-4	95						

Total Number of Samples Shipped: 15 | Sampler's Signature: Hector Reyes

Relinquished By: Signature: Hector Reyes; Printed Name: HECTOR REYES; Company: U.C.P.; Reason: ANALYSIS	Received By: Signature: Mary McCaleb; Printed Name: ; Company: DWCAS	Date: 8/16/91; Time: 7:00 A.M.
Relinquished By: Signature: ; Printed Name: ; Company: ; Reason:	Received By: Signature: 41923a; Printed Name: ; Company:	Date: / /; Time:
Relinquished By: Signature: ; Printed Name: ; Company: ; Reason:	Received By: Signature: ; Printed Name: ; Company:	Date: / /; Time:
Relinquished By: Signature: ; Printed Name: ; Company: ; Reason:	Received By: Signature: ; Printed Name: ; Company:	Date: / /; Time:

Special Shipment / Handling / Storage Requirements:

* Note — This does not constitute authorization to proceed with analysis

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

September 9, 1991

WOODWARD-CLYDE CONSULTANTS
2020 E. First Street
Suite 400
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 19222 A

LABORATORY REPORT

Samples Received: Thirty (30) Soil Samples
Date Received: 8-15-91
Date Released for Analysis: 8-26-91
Purchase Order No: Proj#: 904W217A-3000/UCP

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 1
Two (2) soils	Total Lead by ICPMS	Table 2
Six (6) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 3
Two (2) soils	pH by EPA 9040	Table 4
Two (2) soils	Flash Point by EPA 1010	Table 4

Michael Shelton
Technical Director

D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 19222
September 9, 1991

LABORATORY REPORT

Samples Analyzed	Analysis	Results
Two (2) soils	Aquatic Toxicity CAM 96 Hr.	Table 5
Four (4) soils	Volatile Organics by EPA 8260	Data Sheets
Two (2) soils	CAM (17) Metals by ICPMS	Data Sheets

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 19222
September 9, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
B-5-14-4	ND	ND	ND	3500*	630
B-5-25-4	ND	ND	ND	ND	ND
B-6-4-4	ND	ND	ND	4000*	2900
B-6-17-4	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

* Identity uncertain; possible mixture.

Date Analyzed: 8-27-91

TABLE 2

Parts Per Million (mg/Kg)

Sample ID	Total Lead by ICPMS
B-5-25-4	5
B-6-17-4	2.9
Detection Limit	0.04
10X STLC Limit	50
TTLC Limit	1000

Date Analyzed: 8-28-91

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 19222
September 9, 1991

LABORATORY REPORT

TABLE 3

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
B-5-7-4	1400
B-5-19-4	5100
B-5-22-4	280
B-6-9-4	2100
B-6-12-4	1400
B-6-14-4	10
Detection Limit	10

ND - Not Detected

Date Analyzed: 8-29-91

TABLE 4

Sample ID	pH (Units) by EPA 9040	Flash Point by EPA 1010
*B-6-9-4	7.9	110°F
**B-5-14-4	8.1	130°F

* We only had enough sample to fill the flash tester cup half way.

** This sample was primarily small rocks.

Date Analyzed: 8-28-91

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 19222
September 9, 1991

LABORATORY REPORT

TABLE 5

Sample ID	Aquatic Toxicity LC 50 (mg/L)
B-5-14-4	>750
B-6-9-4	>750

Date Analyzed: 9-1-91

EPA 418.1 TOTAL PETROLEUM HYDROCARBONS

Stock Spike Conc.	22.01 (mg/ml)	Analyte:	DIESEL
Spike Volume Used.	60 (ul)	Date:	08/29/91
Sample Weight.	3.00 (g)	Matrix:	SOIL
Spike Conc. in Sample.	440.2 (ppm)	Client:	WOODWARD CLYDE
Duplicate Weight.	3 (g)		
Spike Conc. in Dup.	440.2 (ppm)		

JOB #	Sample #	SAMPLE CONC.	M.S. CONC.	PERCENT RECOVERY	M.S.D. CONC.	PERCENT RECOVERY	SPIKE RPD
19222	B-6-14-4	11	402	89	406	90	1

RPD is Within QC Limits
MS % RECOVERY is Within QC Limits
MSD % RECOVERY is Within QC Limits

Client: Woodward Clyde Consultants
Job Number: 19222
Date Analyzed: 08-28-91

Sample: B-5-14-4
File: 9319
371

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

	Sample mg/Kg	Detection Limit	10X STLC Limits mg/Kg	TTLC Limits mg/Kg
Antimony	0.93	0.08	150	500
Arsenic	3	2	50	500
Barium	157	0.3	1000	10000
Beryllium	0.17	0.07	7.5	75
Cadmium	0.09	0.04	10	100
Chromium (III/VI)	12.5	0.5	5600/50	2500/500
Cobalt	8.42	0.02	800	8000
Copper	42.6	0.8	250	2500
Lead	2.54	0.09	50	1000
Mercury	ND<0.2	0.2	2	20
Molybdenum	ND<0.07	0.07	3500	3500
Nickel	17.1	0.2	200	2000
Selenium	ND<2	2	10	100
Silver	0.07	0.03	50	500
Thallium	0.07	0.02	70	700
Vanadium	45	3	240	2400
Zinc	55	2	2500	5000

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Client: Woodward Clyde Consultants
Job Number: 19222
Date Analyzed: 08-28-91

Sample: B-6-9-4
File: 9319
381

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

	Sample mg/Kg	Detection Limit	10X STLC Limits mg/Kg	TTLC Limits mg/Kg
Antimony	0.52	0.08	150	500
Arsenic	ND<2	2	50	500
Barium	120	0.3	1000	10000
Beryllium	0.18	0.07	7.5	75
Cadmium	0.06	0.04	10	100
Chromium (III/VI)	8	0.5	5600/50	2500/500
Cobalt	3.72	0.02	800	8000
Copper	29.4	0.8	250	2500
Lead	2.97	0.09	50	1000
Mercury	ND<0.2	0.2	2	20
Molybdenum	0.52	0.07	3500	3500
Nickel	4.7	0.1	200	2000
Selenium	ND<2	2	10	100
Silver	0.1	0.03	50	500
Thallium	0.1	0.02	70	700
Vanadium	21	2	240	2400
Zinc	53	2	2500	5000

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Client: Woodward Clyde Consultants
Job Number: 19222
Date Analyzed: 08-29-91
Matrix: Soil

Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry

Parts Per Million (mg/Kg)

	Sample	Duplicate			Spk Rslt		
	9319 401	9319 411	RPD %	Spike Conc ppm	9319 421	% Recovery	Detect Limit
Beryllium	0.29	0.27		20	21.9	108.1	0.07
Vanadium	24	24		20	48		2
Chromium	8.6	10		20	29.8	102.5	0.5
Cobalt	4.65	4.6	1.1	20	25.2	102.9	0.02
Nickel	7.3	9.1	22	20	30.4	111	0.1
Copper	28	28.9	3.2	20	47.4		0.8
Zinc	38	35		20	60		2
Arsenic	3	3		20	25	110	2
Selenium	ND<2	ND<2		20	20	100	2
Molybdenum	0.23	0.19		20	20.5	101.5	0.07
Silver	0.05	0.05		20	16.9	84.3	0.03
Cadmium	0.06	ND<0.04		20	20.3	101.4	0.04
Antimony	0.9	0.78		20	16.3	77.3	0.08
Barium	71.5	66.1	7.8	20	87.7		0.3
Mercury	ND<0.1	ND<0.2		2	4.7	235	0.2
Thallium	0.05	0.05		20	19.9	99.3	0.02
Lead	4.27	4.32	1.2	20	24.4	100.5	0.09

Q.A. FORM FOR 8015 (Petroleum Hydrocarbons) - MSD

Client: WOODWARD CLYDE Matrix: SOIL
Job No.: 19222 Group: GC
Date: 08/27/91 Analysis Code: 8015

Analytes	Sample	Matrix Spike	Percent Recovery	Matrix Spike Dup	Percent Recovery	Spike R.P.D.	Spike Conc.
Gasoline	ND	590	91	588	90	0.3	650
Diesel	ND	592	82	691	96	15.4 **	720

ALL CONCENTRATIONS IN PPM

RECEIVED
DEC 11 1991

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-5-14-4
WCAS JOB #: 19222

DATE RECEIVED: 08/15/91 RUN NUMBER: 19222T2
DATE EXTRACTED: 08/27/91 SAMPLE AMOUNT: 10G:10ML;200L
DATE ANALYZED: 08/27/91 MATRIX: SOIL

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	1000.
71-43-2	BENZENE	ND	300.
75-27-4	BROMODICHLOROMETHANE	ND	300.
75-25-2	BROMOFORM	ND	300.
74-83-9	BROMOMETHANE	ND	1000.
78-93-3	2-BUTANONE (MEK)	ND	1000.
75-15-0	CARBON DISULFIDE	ND	300.
56-23-5	CARBON TETRACHLORIDE	ND	300.
108-90-7	CHLOROBENZENE	ND	300.
75-00-3	CHLOROETHANE	ND	1000.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	3000.
67-66-3	CHLOROFORM	ND	300.
74-87-3	CHLOROMETHANE	ND	1000.
108-41-8	CHLOROTOLUENE	ND	300.
124-48-1	DIBROMOCHLOROMETHANE	ND	300.
95-50-1	1,2-DICHLOROBENZENE	ND	300.
541-73-1	1,3-DICHLOROBENZENE	ND	300.
106-46-7	1,4-DICHLOROBENZENE	ND	300.
75-34-3	1,1-DICHLOROETHANE	ND	300.
107-06-2	1,2-DICHLOROETHANE	ND	300.
75-35-4	1,1-DICHLOROETHYLENE	ND	300.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	300.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	300.
78-87-5	1,2-DICHLOROPROPANE	ND	300.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	300.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	300.
100-41-4	ETHYLBENZENE	ND	300.
106-93-4	ETHYLENE DIBROMIDE	ND	300.
76-13-1	FREON-TF	ND	300.
119-78-6	2-HEXANONE	ND	1000.
75-09-2	METHYLENE CHLORIDE	820. B	300.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	1000.
100-42-5	STYRENE	ND	300.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	300.
127-18-4	TETRACHLOROETHYLENE	ND	300.
109-99-9	TETRAHYDROFURAN	ND	1000.
108-88-3	TOLUENE	ND	300.
71-55-6	1,1,1-TRICHLOROETHANE	ND	300.
79-00-5	1,1,2-TRICHLOROETHANE	ND	300.
79-01-6	TRICHLOROETHYLENE	ND	300.
75-69-4	TRICHLOROFLUOROMETHANE	ND	300.
108-05-4	VINYL ACETATE	ND	1000.
75-01-4	VINYL CHLORIDE	ND	1000.
95-47-6	TOTAL XYLENES	ND	300.

SURROGATE :	1,2-DCA-d4	TOL-d8	BFB
PERCENT RECOVERY:	99	95	109
CONTROL LIMITS :	76-114	88-110	86-115

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-5-14-4
WCAS JOB #: 19222

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	C10-C12 ALKYLBENZENES	VOA	200000.
2	METHYLNAPHTHALENES	VOA	20000.
3	DIMETHYLNAPHTHALENES	VOA	20000.

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-5-25-4
WCAS JOB #: 19222

DATE RECEIVED: 08/15/91 RUN NUMBER: 19222T4
DATE EXTRACTED: 08/27/91 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 08/27/91 MATRIX: SOIL

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	30.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	30.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	19. B	5.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	30.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

SURROGATE :	1,2-DCA-d4	TOL-d8	BFB
PERCENT RECOVERY:	99	95	110
CONTROL LIMITS :	76-114	88-110	86-115

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-5-25-4
WCAS JOB #: 19222

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	C10-C12 ALIPHATIC AND ALICYCLIC HYDROCARBONS	VOA	1000.

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-6-9-4
WCAS JOB #: 19222

DATE RECEIVED: 08/15/91 RUN NUMBER: 19222T3
DATE EXTRACTED: 08/27/91 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 08/27/91 MATRIX: SOIL

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	30.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	30.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	14. B	5.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	30.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

SURROGATE :	1,2-DCA-d4	TOL-d8	BFB
PERCENT RECOVERY:	97	94	107
CONTROL LIMITS :	76-114	88-110	86-115

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-6-9-4
WCAS JOB #: 19222

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	METHYLNAPHTHALENES	VOA	300.
2	DIMETHYLNAPHTHALENES	VOA	200.
3	C9-C12 ALIPHATIC AND ALICYCLIC HYDROCARBONS	VOA	8000.

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-6-17-4
WCAS JOB #: 19222

DATE RECEIVED: 08/15/91 RUN NUMBER: 19222T5
DATE EXTRACTED: 08/27/91 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 08/27/91 MATRIX: SOIL

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	30.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	30.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	13. B	5.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	30.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

SURROGATE :	1,2-DCA-d4	TOL-d8	BFB
PERCENT RECOVERY:	99	96	108
CONTROL LIMITS :	76-114	88-110	86-115

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: B-6-17-4
WCAS JOB #: 19222

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: LAB BLANK
WCAS JOB #: 19222

DATE RECEIVED: 08/27/91 RUN NUMBER: VBLK903
DATE EXTRACTED: 08/27/91 SAMPLE AMOUNT: BASED ON 1.0G
DATE ANALYZED: 08/27/91 MATRIX: WATER

VOLATILE ORGANICS (EPA 624/8260) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	31.	30.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	30.
75-15-0	CARBON DISULFIDE	6.	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	17.	5.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	30.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

SURROGATE	1,2-DCA-d4	TOL-d8	BFB
PERCENT RECOVERY	103	96	99
CONTROL LIMITS	76-114	88-110	86-115

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: LAB BLANK
WCAS JOB #: 19222

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

WEST COAST ANALYTICAL SERVICE

MATRIX SPIKE (MS AND MSD)
% RECOVERY AND RPD SUMMARY

CLIENT : WOODWARD-CLYDE
DATE ANALYZED: 08/27/91
WCAS JOB # : 19222

QC BATCH #: 082791S
MATRIX : SOIL
UNITS : UG/KG (PPB)

VOLATILE COMPOUNDS

COMPOUND	CONC SPIKED	CONC SAMPLE	CONC MS	%REC MS	CONC MSD	%REC MSD	RPD
1,1-DICHLOROETHYLENE	250.	5.ND	262.	105	270.	108	-3
BENZENE	250.	5.ND	246.	98	248.	99	-1
TRICHLOROETHYLENE	250.	5.ND	216.	86	214.	86	1
TOLUENE	250.	5.ND	255.	102	255.	102	0
CHLOROBENZENE	250.	5.ND	263.	105	266.	106	-1

** - Outside Control Limits
* - Outside Warning Limits
RPD=(MS-MSD)/((MS+MSD)/2)*100

RPD: 0 Out of 5 RECOVERY: 0 Out of 10 Outside CONTROL limits

RPD: 0 Out of 5 RECOVERY: 0 Out of 10 Outside WARNING limits

SOIL QUALITY CONTROL LIMITS

	RECOVERY		RPD	
	WARNING	CONTROL	WARNING	CONTROL
1,1-DICHLOROETHYLENE	51-155	25-182	14	20
BENZENE	73-125	60-138	10	14
TRICHLOROETHYLENE	59-120	44-135	11	17
TOLUENE	80-116	71-125	12	18
CHLOROBENZENE	82-109	75-115	8	12

Data Reporting Qualifiers

Value - If the result is a value greater than or equal to the Detection Limit (DL), the value is reported.

ND - Indicates that the compound was analyzed for but not detected. The minimum DL for the sample with the ND is reported based on necessary concentration or dilution actions.

B - Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

SHIPMENT NO.: 1

CHAIN OF CUSTODY RECORD

PAGE 1 OF 3

DATE 8/14/91

PROJECT NAME: U.C.P.

PROJECT NO.: 904W217A-3000

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
B-5-3-4	15	Soil	DRIVE	BRASS TUBE	ICE	NONE	
B-5-4-4	20						
B-5-5-4	25						
B-5-6-4	30						
B-5-7-4	35						
B-5-12-4	52						
B-5-13-4	55						
B-5-14-4	59						
B-5-15-4	65						
B-5-16-4	70						
B-5-17-4	75						
B-5-18-4	80						
B-5-19-4	85						
B-5-20-4	90						
B-5-22-4	97						
B-5-23-4	100						
B-5-24-4	110						
B-5-25-4	118	↓					

Total Number of Samples Shipped: 18 | Sampler's Signature: Hector Ramos

Relinquished By: Signature: Hector Ramos; Printed Name: Hector Ramos; Company: W.C.C.; Reason: ANALYSIS	Received By: Signature: [illegible]; Printed Name: [illegible]; Company: WCAS	Date: 8/15/91; Time: 7:10
Relinquished By: Signature: ; Printed Name: ; Company: ; Reason:	Received By: Signature: ; Printed Name: ; Company: 19222	Date: / /; Time:
Relinquished By: Signature: ; Printed Name: ; Company: ; Reason:	Received By: Signature: ; Printed Name: ; Company:	Date: / /; Time:
Relinquished By: Signature: ; Printed Name: ; Company: ; Reason:	Received By: Signature: ; Printed Name: ; Company:	Date: / /; Time:

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

Woodward-Clyde Consultants

SHIPMENT NO.: 1

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

DATE 7/14/91

PROJECT NAME: U.C.P.

PROJECT NO.: 924W217A-3000

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
B-6-1-4	5'	Soil	DRIVE	BRASS TUBE	ICE	NONE	CONTACT
B-6-4-4	20'						ALL STAR
B-6-5-4	25'						CALLENDAR
B-6-6-4	30						714-835-6886
B-6-7-4	35						
B-6-8-4	40						
B-6-9-4	45						
~~B-6-10-4~~	~~50~~						
B-6-11-4	55						
B-6-12-4	60						
~~B-6-13-4~~	~~65~~						
B-6-14-4	70						
B-6-16-4	75						
B-6-17-4	85	↓	↓	↓	↓	↓	

Total Number of Samples Shipped: 12 | Sampler's Signature: Hector Reyes

Relinquished By	Received By	Date / Time
Signature: Hector Reyes Printed Name: HECTOR REYES Company: W.C.C. Reason: ANALYSIS	Signature: D. Worthington Printed Name: D. Worthington Company: WCAS 619222	Date: 9/15/91 Time: 7:10
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

APPENDIX D

TYPICAL METAL CONCENTRATIONS IN SOIL

Table 10.3 Composition of Soils[a] (Bowen 1966)

Element	Mean Dry Soil—Range (ppm)	Element	Mean Dry Soil—Range (ppm)
Ag	0.1 (0.01-5)	Mg	5,000 (600-6,000)
Al	71,000 (10,000-300,000)	Mn	850 (100-4,000)
As	6 (0.1-40)	Mo	2 (0.2-5)
B	10 (2-100)	N	1,000 (200-2,500)
Ba	500 (100-3,000)	Na	6,300 (750-7,500)
Be	6 (0.1-40)	Ni	40 (10-1,000)
Br	5 (1-10)	O	490,000
C	20,000	P	650
Ca	13,700 (7,000-500,000)	Pb	10 (2-200)
Cd	0.06 (0.01-0.7)	Ra	8×10^{-7} ($3\text{-}20 \times 10^{-7}$)
Ce	50	Rb	100 (20-600)
Cl	100	S	700 (30-900)
Co	8 (1-40)	Sb	(2-10?)
Cr	100 (5-3,000)	Sc	7 (10-25)
Cs	6 (0.3-25)	Se	0.2 (0.01-2)
Cu	20 (2-100)	Si	330,000 (250,000-350,000)
F	200 (30-300)	Sn	10 (2-200)
Fe	38,000 (7,000-550,000)	Sr	300 (50-1,000)
Ga	30 (0.4-300)	Th	5 (0.1-12)
Ge	1 (1-50)	Ti	5,000 (1,000-10,000)
Hf	6	Tl	0.1
Hg	0.03 (0.01-0.3)	U	1 (0.9-9)
I	5	V	100 (20-500)
K	14,000 (400-30,000)	Y	50 (25-250)
La	30 (1-5,000)	Zn	50 (10-300)
Li	30 (7-200)	Zr	300 (60-2,000)

[a]The figures refer to oven-dried soils. Soils near mineral deposits have been omitted in computing ranges. There are insufficient data for Ag, Ba, Cd, Ce, Cs, Ge, Hf, La, Sb, Sn, Tl and U, and the values quoted for these elements may require revision.

Overcash, Michael R., and Dhiraj, Pal, Design of Land Treatment Systems for Industrial Wastes - Theory and Practice, Ann Arbor Science, 1979.

Project No.:	Date:	Project:	Fig.

TABLE 2.—*Mean concentrations, deviations, and ranges of elements in samples of soils and other surficial materials in the conterminous United States*

[Means and ranges are reported in parts per million (ppm), and means and deviations are geometric except as indicated. Ratio, number of samples in which the element was found in comparable concentrations to number of samples analyzed. <, less than; >, greater than]

Element	Conterminous United States			Western United States (west of 96th meridian)					Eastern United States (east of 96th meridian)				
	Mean	Deviation	Estimated arithmetic mean	Ratio	Mean	Deviation	Observed range	Estimated arithmetic mean	Ratio	Mean	Deviation	Observed range	Estimated arithmetic mean
Al, percent	6.7	2.68	7.2	661:770	5.8	2.00	0.5 - >10	7.4	430:477	5.1	2.87	0.7 - >10	5.7
As	5.2	2.23	7.2	728:730	5.5	1.98	<0.10 - 97	7.0	521:527	4.6	2.36	<0.1 - 73	7.4
B	26	1.97	33	306:770	23	1.99	<20 - 300	29	425:541	31	1.88	<20 - 150	38
Ba	440	2.14	580	778:778	580	1.72	70 - 5,000	670	541:541	290	2.33	10 - 1,500	420
Be	.63	2.38	.92	510:778	.68	2.30	<1 - 15	.97	169:523	.35	2.52	<1 - 7	.85
Br	.56	2.90	.89	113:220	.52	2.74	<0.5 - 11	.86	78:128	.62	2.18	<0.5 - 5.3	.85
C, percent	1.6	2.37	2.5	230:230	1.7	2.37	0.16 - 10	2.5	162:162	1.5	2.88	0.06 - 37	2.6
Ca, percent	.92	4.00	2.4	777:777	1.8	3.05	0.04 - 32	3.3	514:514	.34	3.08	0.01 - 28	.63
Ce	63	1.78	75	81:683	65	1.71	<150 - 300	75	20:489	63	1.85	<150 - 300	76
Co	6.7	2.19	9.1	698:778	7.1	1.97	<3 - 50	9.0	403:533	5.9	2.57	<0.3 - 70	9.2
Cr	37	2.37	54	778:778	41	2.19	3 - 2,000	54	541:541	33	2.60	1 - 1,000	52
Cu	17	2.44	25	778:778	21	2.07	2 - 300	27	525:533	13	2.80	<1 - 700	22
F	210	3.34	430	598:610	280	2.52	<10 - 1,900	440	390:435	130	4.19	<10 - 3,700	360
Fe, percent	1.8	2.38	2.4	776:777	2.1	1.95	0.1 - >10	2.6	539:540	1.4	2.87	0.01 - >10	2.5
Ga	13	2.03	17	767:776	16	1.68	<5 - 70	19	431:540	9.3	2.38	<5 - 70	14
Ge	1.2	1.37	1.2	224:224	1.2	1.32	0.58 - 2.5	1.2	130:131	1.1	1.45	<0.1 - 2.0	1.2
Hg	.058	2.52	.089	729:735	.046	2.33	<0.01 - 4.6	.065	534:534	.031	2.52	0.01 - 3.4	.12
I	.75	2.63	1.2	169:246	.79	2.59	<0.3 - 9.6	1.2	90:153	.68	2.81	<0.5 - 7.0	1.2
K, percent[1]	1.5	.79	None	777:777	1.8	.71	0.19 - 6.3	None	537:537	1.2	.75	0.009 - 3.7	—
La	30	1.93	37	462:777	30	1.89	<30 - 200	37	294:516	29	1.98	<30 - 200	37
Li	20	1.85	24	731:731	22	1.58	5 - 130	25	479:527	17	2.14	<5 - 140	22
Mg, percent	.44	3.28	.90	777:778	.74	2.22	0.03 - >10	1.0	528:538	.21	3.35	0.003 - 5	.48
Mn	330	2.77	550	777:777	380	1.98	30 - 5,000	480	537:540	260	3.02	<2 - 7,000	440
Mo	.59	2.72	.97	57:774	.85	2.17	<3 - 7	1.1	32:524	.32	3.93	<5 - 15	.29
Na, percent	.59	3.27	1.2	744:744	.97	1.93	0.05 - 10	1.2	363:649	.23	4.35	<0.05 - 5	.78
Nb	9.3	1.75	11	418:771	8.7	1.82	<10 - 100	10	322:498	10	1.65	<10 - 50	12
Nd	40	1.68	46	130:538	36	1.76	<70 - 300	43	109:332	46	1.58	<70 - 300	51
Ni	13	2.31	19	747:778	15	2.10	<5 - 700	19	443:540	11	2.64	<5 - 700	18
P	260	2.67	430	524:536	320	2.33	40 - 4,500	440	388:382	200	2.95	<20 - 6,800	360
Pb	16	1.86	19	712:778	17	1.80	<10 - 700	20	422:541	14	1.95	<10 - 300	17
Rb	58	1.72	67	221:224	69	1.50	<20 - 210	74	107:131	43	1.94	<20 - 160	53
S, percent	.12	2.04	.16	14:224	.13	2.37	<0.08 - 4.8	.19	20:153	.10	1.34	<0.08 - 0.31	.11
Sb	.48	2.27	.67	35:223	.47	2.15	<1 - 2.6	.62	31:131	.52	2.38	<1 - 8.8	.76
Sc	7.5	1.82	8.9	685:778	8.2	1.74	<5 - 30	9.6	389:526	6.5	1.90	<5 - 30	8.0
Se	.26	2.46	.39	590:733	.23	2.43	<0.1 - 4.3	.34	449:534	.30	2.44	<0.1 - 3.9	.43
Si, percent[1]	31	6.48	None	230:230	30	5.70	15 - 44	None	156:156	34	6.44	1.7 - 45	—
Sn	.89	2.36	1.3	218:224	.90	2.11	<0.1 - 7.4	1.2	123:131	.86	2.81	<0.1 - 10	1.5
Sr	120	3.30	240	778:778	200	2.16	10 - 3,000	270	501:540	51	3.81	<5 - 700	120
Ti, percent	.24	1.89	.29	777:777	.22	1.78	0.05 - 2.0	.26	540:540	.20	2.00	0.007 - 1.5	.33
Th	8.6	1.53	9.4	195:195	9.1	1.49	2.4 - 31	9.8	102:102	7.7	1.38	2.2 - 23	8.6
U	2.3	1.73	2.7	224:224	2.5	1.65	0.68 - 7.9	2.7	130:130	2.1	2.12	0.29 - 11	2.7
V	58	2.25	80	778:778	70	1.95	7 - 500	88	516:541	43	2.51	<7 - 300	66
Y	21	1.78	25	739:778	22	1.66	<10 - 150	25	477:541	20	1.97	<10 - 200	23
Yb	2.6	1.79	3.1	754:764	2.8	1.63	<1 - 20	3.0	432:486	2.6	2.06	<1 - 50	3.3
Zn	46	1.95	60	764:764	55	1.79	10 - 2,100	65	473:482	40	2.11	<5 - 2,900	52
Zr	180	1.91	230	773:778	160	1.77	<20 - 1,500	190	539:541	220	2.01	<20 - 2,000	290

[1]Means are arithmetic, deviations are standard.

Shacklette, Hansford T., and Boerngen, Josephine G., Element Concentrations in Soils and Other Surficial Materials of the Conterminus United States, United States Government Printing Office, 1984.

Project No.:	Date:	Project:	Fig.

590-593 (1st
US Pipe & Foundry
14041 E Live Oak

Woodward-Clyde Consultants

Engineering & sciences applied to the earth & its environment

RECEIVED

FEB 10 1992

DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

I-593-3.5

09200614W

LETTER OF TRANSMITTAL

PROJECT NO. 904W217C

DATE: 7 February 1992

TO: Los Angeles County Department of Public Works
Waste Management Division
P.O. Box 1460
Alhambra, California 91802-1460

SUBJECT: Tank closure report for two underground fuel tanks
United Concrete Pipe Facility
Irwindale, California

WE ARE TRANSMITTING THE FOLLOWING:

A copy of the tank closure report for the unleaded gasoline and diesel tanks at 14041 East Live Oak Avenue.

REMARKS:

This report is for your information. If you have any comments or questions regarding this report, please contact Alistaire Callender or Susan Overman at (714) 835-6886.

Very Truly Yours,

WOODWARD-CLYDE CONSULTANTS

Alistaire Callender
Associate

Susan Overman
Senior Staff Scientist

B:\trans2.let

2020 East First Street • Suite 400 • Santa Ana, California 92705
(714) 835-6886 • (213) 581-7164 • FAX (714) 667-7147

Woodward-Clyde Consultants

Engineering & sciences applied to the earth & its environment

February 5, 1992
Project No. 904W217A

Los Angeles County Department of Public Works
900 South Fremont
Alhambra, California 91802

Atten: Waste Management Division

SUBJECT: TANK CLOSURE REPORT
FILE NUMBER 593, PERMIT NUMBER 7963

Dear Mr. Sjoberg:

On behalf of Mission-Koll I (Koll), Woodward-Clyde Consultants (Woodward-Clyde) is submitting this report regarding the removal of two underground storage tanks at 14041 East Live Oaks Avenue, Irwindale, California (Figure 1). This report addresses the items listed in the Los Angeles County Department of Public Works closure report checklist (Attachment A). The two tanks consisted of a 10,000 gallon steel (unleaded) gasoline tank and a 10,000 gallon double-walled fiberglass diesel tank. Figure 2 shows the locations of the tanks.

The tanks were removed on April 23, 1991 in accordance with conditions specified in permit number 7963, file number 593. The general contractor for the removal was J. D. Edwards at 11711 Clark Street, Unit 110, Arcadia, California 91006. They employed the following additional subcontractors:

- Nieto & Sons Trucking, Inc., Brea, California
  (cleaned tanks and hauled and disposed of liquid waste)
- CTL Environmental Services, Harbor City, California
  (Certified Industrial Hygienist)
- Western Tank Testing, 22911 Savi Ranch Parkway, Yorba Linda, California (Degassed fuel tank)

Woodward-Clyde personnel documented the removal of the tank and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. During the tank removal activities, the air in and around the tank excavation was monitored for volatile organics with an organic vapor analyzer (OVA). Most of the readings were near background (1.5 ppm) with two exceptions. Two readings were taken when a gasoline odor was noticed that registered >100 ppm. These readings were obtained prior to tank de-gassing and seemed to be due to wind blowing

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the vapors from the tanks. The tanks were pumped, de-gassed and certified "clean" by a certified industrial hygienist, and were then transported to American Metal Recycling, Inc. 2202 South Milliken Avenue, Ontario, California for disposal. Documentation of the removal, certification, and proper disposal of the tanks is included in Attachment B.

Soil samples were collected beneath the ends of the tanks (at an approximate depth of 15 feet below grade) as specified in the removal permit. The samples were collected by using a backhoe to excavate soil from the desired depth, and then collecting a sample from the bucket of the backhoe, using a spatula. The samples were grab samples (no borings were drilled), and were collected within one half hour after the tanks were removed (between 2:15 and 2:45 pm). They were stored on ice and transported with chain-of-custody documentation to West Coast Analytical Services, Inc. for analysis for total petroleum hydrocarbons (TPH) and for volatile aromatic hydrocarbons by EPA Method 8020. The samples from beneath the gasoline tank were analyzed for TPH by EPA Method 8015 (modified), and the samples from beneath the diesel tank were analyzed for TPH by EPA Method 418.1. Laboratory reports and chain-of custody forms are included in Attachment C.

The analytical results revealed non-detect concentrations of TPH (detection limit of 10 mg/kg) for all samples except for sample 1B, collected beneath the north end of the diesel tank, which contained 186 mg/kg of TPH. Low concentrations of toluene, ethylbenzene and xylenes were detected in three of the four samples. These compounds were also detected in similar concentrations in the lab blanks, indicating that their presence was due to laboratory contamination.

Given the detection of TPH beneath the north end of the diesel tank, Woodward-Clyde personnel collected additional samples to assess the magnitude and extent of the TPH. On May 3 1991, samples were collected at the same location as sample 1B, but at greater depths (20 and 25 feet) below grade. These samples were collected as described above, and were transported with accompanying chain-of-custody documentation to West Coast Analytical Service, Inc. for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. Both samples were non-detect for TPH (detection limit of 10 mg/kg). Low levels of toluene and xylenes were detected in the samples as well as in the lab blank, and 2 ug/kg of ethylbenzene was detected in sample T-20B.

On May 9 1991, four additional samples were collected. Samples 1B-N1, 1B-S1, 1B-W1 and 1B-E1 were collected 2 to 5 feet north, south, west and east, respectively, of the original sample 1B. These samples were collected as described above, and were Los

transported with accompanying chain-of-custody documentation to West Coast Analytical Service for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. All of the samples were non-detect for the target compounds with the exception of sample 1B-W1 which contained 2 ug/kg of toluene.

The soil that was removed beneath the north end of the diesel tank to allow sample collection was stockpiled near the tank excavation. The estimated quantity of this soil is 3 cubic yards. On May 15 1991, when the excavation was backfilled, this soil was transported to another location on the site. This soil had no odor or discoloration. According to California LUFT guidelines, this soil will not require further treatment. We have since contacted personnel from both the Los Angeles County Department of Public Works-Waste Management Division and the California Regional Water Quality Control Board-Well Investigation Program who have both indicated that grading this soil back into the site would be acceptable.

CERTIFICATION

I have reviewed this report and declare that the information included herein is true and accurate and complete to the best of my knowledge.

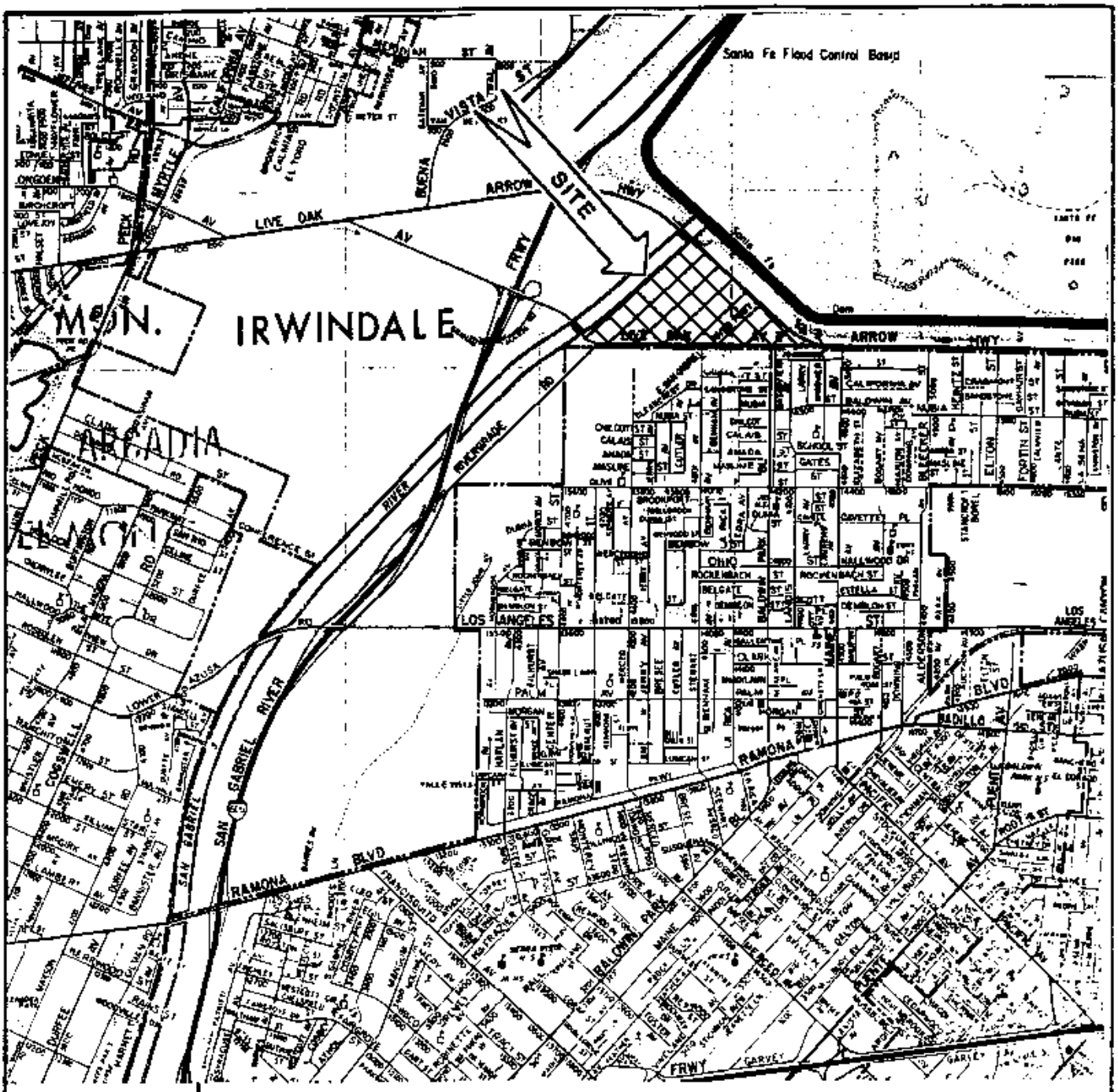
Signature

Dennis E. Jensen
Senior Project Geologist



Attachments

b:\s\ucp\closure.t2



0 2800 5600

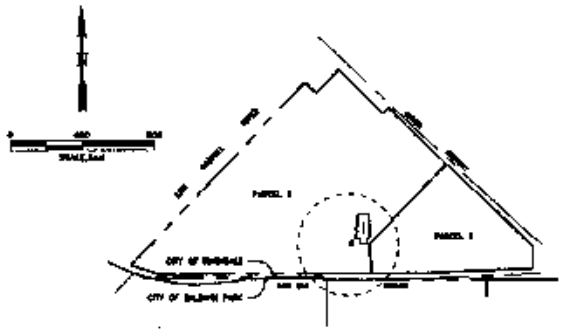
SCALE, feet

"Reproduced with permission granted by THOMAS BROS. MAPS. This map is copyrighted by THOMAS BROS. MAPS. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without permission."

SITE LOCATION MAP

Project No.: 904W217A	Date: SEPT. 1991	Project: UCP REMEDIATION	Fig. 1

Woodward-Clyde Consultants



GARAGE

10,000 GALLON UNLEADED

10,000 GALLON DIESEL
DOUBLE-WALLED F/G

PARCEL 1

PARCEL 2

0 100 200
SCALE, feet

CITY OF IRWINDALE

LIVE OAK AVENUE

CITY OF BALDWIN PARK

GASOLINE AND DIESEL TANK LOCATIONS

Project No.: 914W217A	Date: 12-9-91	Project: UNITED CONCRETE PIPE-BALDWIN PARK	Fig.: 2

UCPGDT

Woodward-Clyde Consultants

Attachment A

Department of Public Works
Closure Report Requirements

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

Permit 7963 B
File 593 R/C 3S
Fee $ 179
Check [X] Cash [ ]

OWNER: Name Mission-Kell I Phone
Mailing Address 818 W. 7th. st. ste 700 City Los Angele State CA Zip 90017

FACILITY:
Occupant Name United Concrete Pipe Phone (714) 658-5251
Site Address 14041 E. Live Oak Ave. City Irwindale Zip 91706
Mailing Address 2ame City same State CA Zip
Contact Person Bob Richardson Title

CONTRACTOR [X], complete below: OWNER/OPERATOR AS CONTRACTOR [ ]
Name J.D. Edwards Company Phone (818)303-8775
State License No. 324262 Class C 61/D40

CLOSURE REQUESTED:
[X] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
one	Fiberglass	2 yrs.	10,000	Diesel Fuel
two*	Steel	2 yrs.	10,000	Unleaded Gas

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[ ]
Have structural repairs ever been made to these tanks?	[ ]	[ ]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[ ]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOS MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT T CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature John D Edwards Date 3-7-91
(Print Name) John D. Edwards Phone 818-303-8775
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREE GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

Rani Iyer 3/21/91

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, containing:

1. File number of facility and closure permit number.

2 Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

3. Description of methods for obtaining, handling, and transporting samples.

4. Time and date samples were obtained.

5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.

7. Disposal destination of tanks and evidence of legal disposal.

8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

9. Documentation as to depth of groundwater at facility.

10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.

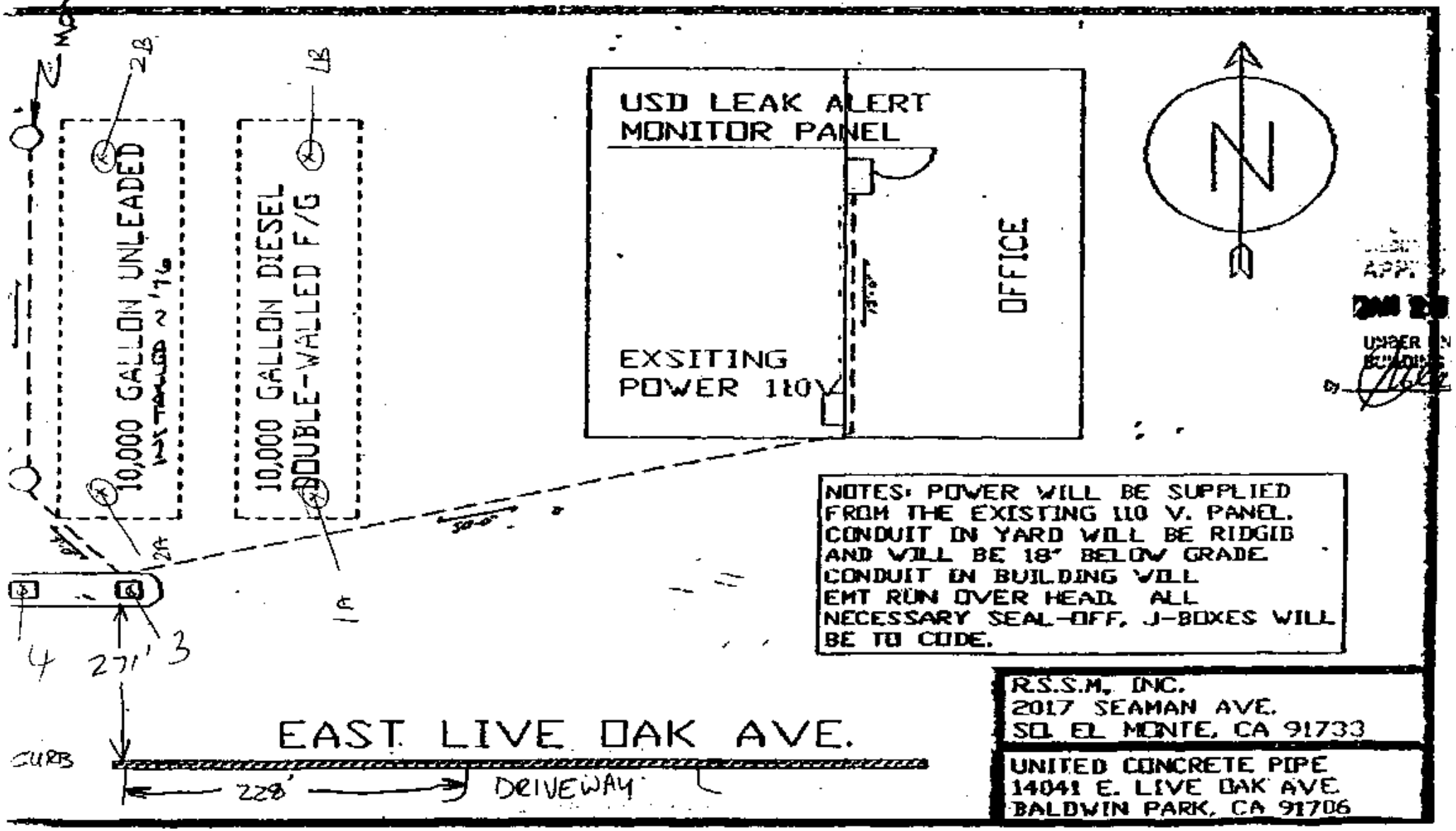
11. Any observations of site contamination.

12. Remedial action plan to mitigate contamination.

13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

Signature John A Edwards Date 3-21-91

ld4/CRR


2B
1B
10,000 GALLON UNLEADED
10,000 GALLON DIESEL
DOUBLE-WALLED F/G
USD LEAK ALERT
MONITOR PANEL
OFFICE
EXSITING
POWER 110V
N
NOTES: POWER WILL BE SUPPLIED FROM THE EXISTING 110 V. PANEL. CONDUIT IN YARD WILL BE RIDGID AND WILL BE 18" BELOW GRADE. CONDUIT IN BUILDING WILL EMT RUN OVER HEAD. ALL NECESSARY SEAL-OFF, J-BOXES WILL BE TO CODE.
4
271'
3
EAST LIVE OAK AVE.
CURB
228'
DRIVEWAY
R.S.S.M, INC.
2017 SEAMAN AVE.
SOL EL MONTE, CA 91733
UNITED CONCRETE PIPE
14041 E. LIVE OAK AVE.
BALDWIN PARK, CA 91706

Attachment B

Documentation of Removal, Certification and Proper Disposal of Tanks

FIRE DEPARTMENT
FIRE PREVENTION DIVISION

TANK REMOVAL VERIFICATION AND SITE LOG

GENERAL INFORMATION

Date 4/23/91 Permit # 7963 B

Tank Location 14041 E. LIVE OAK, IRWINDALE

Name of Contractor J. D. EDWARDS

Contractor State License # 324262 Telephone # 818/303-5775

TANK STABILIZATION

	Time Complete	Contractors Signature
1. Remaining Liquid Removed Through Product Lines	N/A - NO PRODUCT LINES - DIESEL FILL	
2. Dry Ice Added (15#/1,000 gal., attach receipt)	1:30 PM	
3. Date Gas Analyzer Last Tested (no more than 3 months old)	4/3/91	
4. L.E.L. and O2 Level Readings	LEL 0% O2 21%	

EXCAVATION

Continuous monitoring of vapor concentrations around the excavation site is required, log readings below every 30 minutes.

Reading	Time	Signature
NONE DETECTED	6:00	John Edwards
" " " "	6:30	J.E.
" " " "	7:00	
" " " "	7:30	

CERTIFICATION

Tank Identification # EPA I.D. # CA 000 3986218

Tank Size 2-10000 GAL. 1 GAS 1 DIESEL Tank Type 1 STEEL 1 FIBERGLASS

Tank Cleaned By KLEEN'S SONS Signature

CERTIFIED INDUSTRIAL HYGIENIST OR CERTIFIED MARINE CHEMIST - ATTACH BUSINESS CARD

Name

Time Certified 1:15 PM 4/23/91 Signature

TRANSPORT - ATTACH COPY OF TRANSPORTATION MANIFEST

Tank Transported By To AAR

NIETO & SONS TRUCKING, INC.

N.A.S.I., INC.

1281 Brea Canyon Road • Brea, CA 92621
Mail Address: P.O. Box 8111 • Anaheim, CA 92802
Telephone: 714/635-2300 (24 Hours) • 714/990-6855 (Yard)

(1)

DT 5279

JOB DATE 4/23/91 Tuesday

COMPANY SOLD TO:	ORDER DATE	ORDER TIME	P.O. NUMBER
J. D. Eduards Co.	/ /		
CONTACT / TELEPHONE	ORDERED BY / TELEPHONE		
	LA County		
ADDRESS: 1775 Clark St. Arcadia 91006	LEASE / JOBSITE: 14010 Live Oak Ave. Irwindale		

DRIVER	SWAMPER	TRUCK NO.	TRAILER NO.	START TIME	HOURLY RATE
Lonnie Lodeiguez	Salamesa	209	189	6AM	$

DESCRIPTION OF WORK REQUESTED

1-10K gas 1-10K diesel (one is Fiberglass) 60'
Suck & Wash tanks. There 7AM (CE=315#
degas, Clean, Haul by JDE.
degas by Western by JDE. There 9AM
Clean by NAS & Co. There 1130AM Conf'd YKN

DRIVER'S TIME REPORT

DATE	YARD DEPART	JOB ARRIVE	JOB DEPART	DUMP SITE ARRIVE	DUMP SITE DEPART	YARD ARRIVE	LUNCH	TOTAL HOURS
4/23/91	6AM	7:00	1:45					

WORK PERFORMED

MANIFEST # 9032034 GALLONS: 1600 SOLIDS %: 20% SLUDGE.

WASTE OIL WAS 3-K WITH 2½ FT. AND 1 FT. OF THAT SLUDGE. CUT TWO WINDOWS AND HIT TO WASH. OIL WAS THICK WASHED TANK FOR 7:00 - 10:30. 2-10K TANKS AND SOME AMOUNT OF SOLIDS.

TRUCK WASHED OUT	LUNCH TAKEN	TOTAL HOURS CHARGED	HOURLY RATE	TOTAL CHARGES
			$	$

DRIVER SIGNATURE	TRUCK NUMBER	CUSTOMER SIGNATURE	DATE
	209	X	4/23/91

*** 24 HOUR SERVICE ***

CUSTOMER COPY

Form Approved OMB No. 2050-0039 (Expires 9-30-91) T 4111

Please print or type. Form designed for use on elite (12-pitch typewriter).

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CA000398671 8 | Manifest Document No.: 2 4 0 3 4

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: United Concrete Pipe, 11715 Clark St. Arcadia, Ca. 91006

4. Generator's Phone (818) 303-8775

A. State Manifest Document Number: 90321034

B. State Generator's ID:

5. Transporter 1 Company Name: NIETO AND SONS TRUCKING

6. US EPA ID Number: CAT080016116

C. State Transporter's ID: 114024

D. Transporter's Phone: 714-990-6855

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: DEMENNO KERDOON, 2000 N. ALAMEDA, COMPTON, CA 90222

10. US EPA ID Number: CAT080013352

G. State Facility's ID: CAT080013352

H. Facility's Phone: 213-537-7100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON RCRA HAZARDOUS WASTE LIQUID	001	TT	-14600	G	State 241 / EPA/Other EXEMPT
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: NO SMOKING; GLOVES / GOGGLES; EMERGENCY TELEPHONE # (714) 990-6855. Site Ind: 14010 Grove Avenue, Ontario

K. Handling Codes for Wastes Listed Above: a. R-01 b. c. d.

15. Special Handling Instructions and Additional Information

PETROLEUM RECYCLERS CAT080011059
1835 E. 29th STREET 213-595-7431
SIGNAL HILL, CA 90806

GIBSON OIL REFINERY CAD980883177
COMMERCIAL DRIVE 805-327-0413
BAKERSFIELD, CA 93308

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: Dean Krumel | Signature: [signature] | Month Day Year: 04 29 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ronnie Rodriguez | Signature: [signature] | Month Day Year: 04 29 91

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: James P. Ates | Signature: [signature] | Month Day Year: 04 29 91

Do Not Write Below This Line

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90 1034

DHS 6022 A
EPA 8700-22
(Rev. 6-89) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

C/WC5597

Certificate of Treatment/Recycling

ISSUED TO

United General Pipe

FOR

MANIFEST NUMBER 9032034 DATE RECEIVED 4-29-91

The aqueous waste received on the above manifest will be treated to standards mandated by the FEDERAL CLEAN WATER ACT and to effluent requirements established by the Sanitation Districts of Los Angeles County. Waste treatment and recycling is performed under permits granted to DeMENNO/KERDOON, a California corporation, by the California Department of Health Services, in coordination with the Environmental Protection Agency, in accordance with the provisions of the Resource Conservation and Recovery Act (RCRA) of 1976, together with applicable federal and state regulations including but not limited to waste discharge requirements established by the Sanitation Districts of Los Angeles County.

When the above described waste material is accepted by DeMENNO/KERDOON and treated/recycled and the aqueous phase discharged for further treatment by the Sanitation Districts, the certificate holder's responsibility for the waste material is eliminated under both RCRA and Proposition 65. Upon request, DeMENNO/KERDOON will issue this certificate that all waste material has been handled in accordance with applicable permits and the certificate holder's liability has been terminated.

DeMENNO/KERDOON

"Compliance Through Recycling"

By: Casey K Yu 4-29-91

Date

Casey K. Yu, B.S., M.S.
Environmental Compliance Mgr.
Chief Chemist

2000 NORTH ALAMEDA STREET ☐ COMPTON ☐ CALIFORNIA ☐ 90222
(213) 537-7100 ☐ FACSIMILE (213) 639-2946

© 6088 449

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Ave. #307
Harbor City, California 90710
(213) 530-5006

TANK REMOVAL CERTIFICATE #: 02410
Date: 4/23/91
Permit #: 7963B
Site: 14041 E LIVE OAK
IRWINDALE

TANK DESCRIPTION: FIBERGLASS CYLN
TANK SIZE: 10000 GAL
ADDRESS OF TANK: SAME ABOVE
LOCATION OF TANK: CORNER OF PROP.

CLIENT: J. D. EDWARDS

TANK CONTENTS (if known): DIESEL FUEL

TANK NUMBER (if any): (1) 761278

RESULTS OF TANK INSPECTION: LEL 0% 12:30 4/23/91

The tank described above has been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank and no visible contamination has been observed except as noted below:

EXCEPTION: NONE

The tank described above is approved for removal and transportation.

INSPECTED BY: _____ CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1433 & 1973)

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Ave. #307
Harbor City, California 90710
(213) 530-5006

TANK REMOVAL CERTIFICATE #: 02409
Date: 4/23/91
Permit #: 7963B
Site: 14041 E LIVE OAK
IRWINDALE

TANK DESCRIPTION: STEEL CYLN
TANK SIZE: 10000
ADDRESS OF TANK: SURF ABOVE
LOCATION OF TANK: CENTER OF PROP.

CLIENT: J.O. EDWARDS

TANK CONTENTS (if known): GASOLINE (UNLEAD)

TANK NUMBER (if any): (2) 875403

RESULTS OF TANK INSPECTION: LEL 0% 1:15PM 4/23/91

The tank described above has been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank and no visible contamination has been observed except as noted below:

EXCEPTION: NONE

The tank described above is approved for removal and transportation.

INSPECTED BY: _____ CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1433 & 1973)

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 36586

TANK DISPOSAL FORM

Date: 4-23 ,19 91
Job #
P. O. #

CONTRACTOR: J. D. Edwards
ADDRESS: 1171 E. Clark Av., Unit 110, Anaheim, CA 9100
JOB SITE: United Concrete Pipe
ADDRESS: 14041 E. Live Oak, Irwindale, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

TANK #8751403 – 10,000 Steel
TANK #7612178 – 10,000 Fiberglass

✓	Services Rendered	Cost
___	Disposal Fee	200.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	300.00
___	Fiberglass Tank Disposal Fee Per Tank	400.00
1	Fiberglass Tank Delivered	200.00
___	Bobtail Disposal Fee	250.00
___	Cancellation Fee	250.00
	TOTAL CHARGES	$700

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F* S*	NET TONS	TOTAL
	250		.14	
	500		.21	
	550		.24	
	1000 - 12 ft.		.44	
	1000 - 8 ft.		.61	
	1500		.87	
1	2000		.97	.97
	2500		1.14	
	3000		1.32	
	4000		1.64	
	5000		2.42	
	6000		2.84	
	7500		3.26	
	8000		3.44	
	9000		3.82	
11	10000	X	4.33	4.33
	12000		4.93	

NO. OF TANKS TOTAL NET TONS

3

F 1 FIBERGLASS S 2 STEEL TOTAL 5.30

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP

4-23-91
DATE

CONTRACTOR COPY

Attachment C

Laboratory Reports and Chain-of-Custody Forms

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE
Dr. Alistaire Callender

Job # 18399
April 30, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
1A	ND
1B	186
~~2A-1~~	~~17,000~~ N/A to PERMIT 7963 (SEE PERMIT 8058)
~~2A-2~~	~~10,000~~ " " " " " "
Detection Limit	10

ND - Not Detected

Date Analyzed: 4-26-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
2A	ND	ND	ND	ND	ND
2B	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Date Analyzed: 4-24-91

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

RECEIVED
MAY - 1 1991

April 30, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18399 A

LABORATORY REPORT

Samples Received: Six (6) Soil Samples
Date Received: 4-23-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Six (6) soils	Volatile Aromatics by EPA 8020	Data Sheets

B. Michael Hovanec
Senior Staff Chemist

for D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	2	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	79	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: 1A
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	1	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 1B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	1	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	107	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 2A
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	4 B	1
Surrogate Percent Recovery:	80	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 2B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	83	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 4/23/91

PROJECT NAME: UCP - Remediation

PROJECT NO.: 904W217 A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
1A U	" 1	↓	↓	↓	↓	↓	418.1 8020
1B U	" 1	↓	↓	↓	↓	↓	418.1 8020
2A U	" 2	↓	↓	↓	↓	↓	8015 8020
2B U	" 2	↓	↓	↓	↓	↓	8015 8020

N/A TO PERMIT 7863 (SEE BOSE)

Total Number of Samples Shipped: 6

Sampler's Signature: Susan Bierman

Relinquished By:	Received By:	Date / Time
Signature: [illegible]	Signature: R Northington	Date: 4/23/91
Printed Name: [illegible]	Printed Name: R Northington	Time: 3:11 pm
Company: [illegible]	Company: WCAS, INC. 18399	
Reason: [illegible]		
Relinquished By:	Received By:	Date / Time
Signature:	Signature:	Date: / /
Printed Name:	Printed Name:	Time:
Company:	Company:	
Reason:		
Relinquished By:	Received By:	Date / Time
Signature:	Signature:	Date: / /
Printed Name:	Printed Name:	Time:
Company:	Company:	
Reason:		
Relinquished By:	Received By:	Date / Time
Signature:	Signature:	Date: / /
Printed Name:	Printed Name:	Time:
Company:	Company:	
Reason:		

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

LA/OR-0183-421

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

May 9, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18479 A

LABORATORY REPORT

Samples Received: Nine (9) Soil Samples
Date Received: 5-3-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Two (2) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Two (2) soils	Volatile Aromatics by EPA 8020	Data Sheets
Three (3) soils	Volatile Organics by EPA 8260	Data Sheets
Three (3) soils	Surrogate Percent Recoveries for EPA 8260	Data Sheet

B. Michael Hovanec
Senior Staff Chemist

Michael Shelton
Technical Director

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE
Dr. Alistaire Callender

Job # 18479
May 9, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
T-20A	ND
T-25A	ND
Detection Limit	10

ND - Not Detected

Date Analyzed: 5-6-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

N/A To Tank Permit

Sample No.	C_5-C_{10} Gasoline	C_8-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{13}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
7A	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Sample ID	C_5-C_{20} Hydrocarbons	C_{20}-C_{30} Heavy Hydrocarbons
18A	120	110
Detection Limit	10	100

Cannot positively identify.

ND-Not Detected
Date Analyzed: 5-6-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18479
Date Analyzed: 06-May-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18479
Date Analyzed: 06-May-91
Analysis: EPA 602 (8020)

Sample: T-20B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	1	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2 B	1
Total Xylenes	5 B	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18479
Date Analyzed: 06-May-91
Analysis: EPA 602 (8020)

Sample: T-25B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2 B	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	76	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 5/13/11

PROJECT NAME: UCF Remediation

PROJECT NO.: 90410217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] tube	ice	none	[illegible]
[illegible]	↓	↓	[illegible]				[illegible]
[illegible]							[illegible]
[illegible]							[illegible]
2A	[illegible]						[illegible]
7A	"						2015
7B	"						[illegible]
16A	"						2015
[illegible]	[illegible]	[illegible]	[illegible]				[illegible]

Total Number of Samples Shipped: 9 | Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature [illegible] Printed Name [illegible] Company [illegible] Reason [illegible]	Signature [illegible] Printed Name [illegible] Company WCAS #18479	Date 5/13/11 Time [illegible]
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time

Special Shipment / Handling / Storage Requirements:

Please call [illegible] before proceeding

Rush!

* Note – This does not constitute authorization to proceed with analysis

LA/OR–0183–421

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

May 10, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18517 A

LABORATORY REPORT

Samples Received: Eight (8) Soil Samples
Date Received: 5-9-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Four (4) soils	Volatile Aromatics by EPA 8020	Data Sheets

Michael Shelton
Technical Director

D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 18517
May 10, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
1B-E1	ND
1B-N1	ND
1B-S1	ND
1B-W1	ND
Detection Limit	10

ND - Not Detected

Date Analyzed: 5-10-91

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	LAB BLANK
Job No:	18517		
Date		Matrix:	Soil
Analyzed:	09-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	1B-E1
Job No:	18517		
Date		Matrix:	Soil
Analyzed:	09-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	90	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 10-May-91
Analysis: EPA 602 (8020)

Sample: 1B-N1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 10-May-91
Analysis: EPA 602 (8020)

Sample: 1B-S1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	86	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	1B-W1
Job No:	18517		
Date		Matrix:	Soil
Analyzed:	10-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

SHIPMENT NO.: _____

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

DATE 5 19 91

PROJECT NAME: UCP Remediation

PROJECT NO.: 96-1W217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
1B-W1	IC	soil	jar	stainless	ice	none	✓
1B-W2							
1B-E1							✓
1B-E2							
1B-N1							✓
1B-N2							
1B-S1							✓
1B-S2	↓	↓	↓	↓	↓	↓	↓

Total Number of Samples Shipped: 8 | Sampler's Signature: _____

Relinquished By: Signature _____ Printed Name _____ Company WCC Reason _____	Received By: Signature _____ Printed Name _____ Company WCC 18817	Date 5 19 91 Time 11:35
Relinquished By: Signature _____ Printed Name _____ Company _____ Reason _____	Received By: Signature _____ Printed Name _____ Company _____	Date / / Time
Relinquished By: Signature _____ Printed Name _____ Company _____ Reason _____	Received By: Signature _____ Printed Name _____ Company _____	Date / / Time
Relinquished By: Signature _____ Printed Name _____ Company _____ Reason _____	Received By: Signature _____ Printed Name _____ Company _____	Date / / Time

Special Shipment / Handling / Storage Requirements:

All [illegible]

* Note – This does not constitute authorization to proceed with analysis

Woodward-Clyde Consultants

Engineering & sciences applied to the earth & its environment

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MAY 21 1992
ENVIRONMENTAL PROTECTION
ENFORCEMENT DIVISION

I-593

May 19, 1992

Miss Yvonne Taylor
County of Los Angeles
Department of Public Works
900 South Fremont Avenue
Alhambra, California 91803-1331

02015

SUBJECT: WORK PLAN TO CONDUCT REMEDIAL INVESTIGATION AT 14005 EAST LIVE OAK AVENUE, IRWINDALE, CALIFORNIA

Dear Ms. Taylor:

The accompanying document is being submitted on behalf of Hughes Markets, in response to your letter of March 31, 1992 concerning additional site investigation requested for the property at 14005 East Live Oak Avenue. This property was formerly part of 14041 East Live Oak Avenue, Irwindale, California.

A proposed remediation strategy is also presented in the document. We request that you review the document, and after your review we would like to meet with you to discuss any comments you might have. We hope this meeting can occur by May 31, 1992.

Please call the undersigned if you have questions.

Sincerely yours,

WOODWARD-CLYDE CONSULTANTS

Alistaire Callender, Ph.D.
Project Manager

AC:lk

cc: Richard Kaumeyer - RWQCB

H:\ABC\Taylor.ltr

2020 East First Street • Suite 400 • Santa Ana, California 92705
(714) 835-6886 • (213) 581-7164 • FAX (714) 667-7147

Woodward-Clyde Consultants

RECEIVED
MAY 21 1992
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

2015

WORK PLAN TO CONDUCT REMEDIAL INVESTIGATIONS AND SOIL REMEDIATION FOR PROPERTY LOCATED AT 14005 EAST LIVE OAK IRWINDALE, CALIFORNIA

Prepared for:

Hughes Markets
2716 San Fernando Road
Los Angeles, California 90065

Prepared by:

Woodward-Clyde Consultants
2020 East First Street, Suite 400
Santa Ana, California 92705

Proposal No. 914W412P
May 18, 1992

1.0
INTRODUCTION AND BACKGROUND

The property located at 14005 East Live Oak in Irwindale, California (the site), is currently owned by Hughes Markets (Hughes). The site was formerly part of a 74-acre parcel owned, occupied, and operated by United Concrete Pipe (UCP). This property is located in the City of Irwindale, just east of the San Gabriel River channel and south of Santa Fe Dam (Figure 1). It is noted that the original 74-acre parcel had the address of 14041 East Live Oak Avenue.

In 1991, Mission Koll I purchased the 74-acre parcel from UCP. Mission Koll I then sold a portion of the parcel to the City of Irwindale, resulting in the two parcels shown on Figure 2. Mission Koll I subsequently subdivided its parcel as shown on Figure 3. The parcel section at 14005 East Live Oak was purchased by Hughes in March 1991.

During grading operations at the site in 1991, the grading contractor encountered an underground tank. The contents, age, and integrity of the tank were unknown. In April 1991, the tank was removed and samples of its contents were collected. Woodward-Clyde personnel observed the tank removal activities and collected soil samples from the tank excavation. The soil in the tank excavation (approximately 15 feet deep) appeared oil-stained. The stained soil appeared to extend below the excavation floor and beyond the northern excavation walls off site toward Arrow Highway.

To evaluate the vertical and lateral extent of oil-impacted soil, Woodward-Clyde drilled five borings (P-4, B-5, B-6, B-7, and B-8) in the vicinity of the former tank from May through August 1991. The approximate boring locations are shown on Figure 4; surveyed locations of the borings are shown on Plate 1 (Appendix A). The borings were drilled to depths ranging from approximately 50 feet to 120 feet. Borings B-5 and B-6

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2.0 SCOPE OF WORK 2-1

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4.0 LIMITATIONS 4-1

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2 Parcel Map 1-1
3 Location of Hughes Markets Property 1-1
4 Property Exhibit for Hughes Markets 1-1

LIST OF APPENDICES

A SCE Plans for Underground Power Lines
B LACDPW Letter to Hughes Dated March 31, 1992

were slant-drilled, and the remainder were drilled vertically. Soil samples collected during drilling were delivered to West Coast Analytical Services, Inc. (WCAS), a state-certified laboratory, for chemical analysis.

Borings B-5, B-6, and B-7 were converted to vadose zone wells. The wells were constructed of 4-inch-diameter polyvinyl chloride (PVC) pipe with screened intervals of 20 to 100 feet, 20 to 70 feet, and 20 to 95 feet, respectively.

Observations made during drilling and soil sampling indicated that subsurface soils are coarse-grained alluvial deposits that are highly variable and laterally discontinuous. Coarse gravel, cobbles, and boulders were encountered in the borings drilled. Groundwater was not encountered in the boreholes at the time of drilling. (Groundwater in the vicinity of the site is reportedly present at a depth of 180 to 200 feet.)

The laboratory analysis of the samples collected from the tank contents detected over 99 percent petroleum hydrocarbons (C_5 - C_{30}). This range of hydrocarbons indicates that the tank contained waste oil.

Selected soil samples from the tank excavation and borings were analyzed for total recoverable petroleum hydrocarbons (TRPH) according to EPA Method 418.1; total petroleum hydrocarbons (TPH) according to modified EPA Method 8015; and the aromatic hydrocarbons benzene, toluene, ethylbenzene, and xylenes (BTEX) according to EPA Method 8020. Additionally, two samples (one each from Borings B-5 and B-6) were analyzed for pH (EPA Method 9045); flash point (EPA Method 1010); aquatic toxicity (fish bioassay procedures specified in Article 11, Title 22 of the California Code of Regulations [22 CCR]); the 17 toxic and bioaccumulative metals listed in 22 CCR (inductively coupled plasma-mass spectroscopy); and volatile organic compounds (EPA Method 8260). Two additional soil samples (one each from Borings P-4 and B-7) were also analyzed for CCR metals.

The analytical results indicated the presence of petroleum hydrocarbons to a vertical depth of 95 to 100 feet at the boring locations, with the exception of Boring B-8. To the total depth drilled, Boring B-8 appeared to be located outside the zone of impacted soil. The hydrocarbons detected were primarily in the C_{10} - C_{30} fraction, and no chlorinated hydrocarbons were detected in the soil samples analyzed by EPA Method 8260. The soil at the sampling locations does not appear to be hazardous with respect to pH, ignitability, or aquatic toxicity. One sample from Boring P-4 contained copper at a concentration of 547 mg/kg, which exceeds the general range of copper concentrations found in soil in the western United States (2 to 300 mg/kg).

Results of the investigation were documented in a December 1991 report entitled "Investigation of Waste Oil Tank at 14041 East Live Oak Avenue, Irwindale, California." (At the time the investigation was conducted, the address for the subject site was 14041 East Live Oak Avenue.) In February 1992, this report was submitted to the Los Angeles County Department of Public Works (LACDPW) UST Local Oversight Program. The LACDPW is the lead agency for this project.

A meeting was held on February 20, 1992, at which the status of the investigative program was discussed by Hughes and Woodward-Clyde with Ms. Yvonne Taylor of the LACDPW and Mr. Richard Kaumeyer of the California Regional Water Quality Control Board (CRWQCB). At the meeting, the overall status of the investigation was discussed, as well as potential remedial options. The LACDPW requested in a letter dated March 31, 1992 to Hughes (copy included in Appendix B) that a number of actions be implemented to complete the site evaluation. Specifically, the LACDPW requested that Hughes:

- Conduct additional drilling, soil sampling, and analysis to better evaluate the extent of oil-impacted soil at the site
- Prepare a plan for remediation of oil-impacted soil at the site.

The scope of work proposed by Woodward-Clyde to meet the LACDPW requirements and to develop data for remediation is presented in Section 2.0.

Hughes and Southern California Edison Company (SCE) are presently negotiating the disposition of the aboveground power lines that run approximately above the fence line parallel to Arrow Highway in the vicinity of the former tank area. The aboveground lines are to be removed and replaced with underground lines at an approximately 5-foot depth within the boundaries of the site (refer to Appendix A).

2.0
SCOPE OF WORK

The scope of work has been designed to satisfy the LACDPW requirements and to collect information for design of the remediation system. Possible remediation technologies have been reviewed based on previous discussion among Hughes, Woodward-Clyde, and the LACDPW, and on an assessment of site conditions. Because of the vertical extent of oil-impacted soil, the coarse-grained and highly variable subsurface materials, and the current and future site access limitations, bioremediation appears to be a practical and reasonable remediation technique.

The tasks described in the following paragraphs would meet the objectives of further investigating and evaluating the nature and extent of oil-impacted site soil, and developing a remedial program.

Task 1: Additional Drilling, Soil Sampling and Analysis, and Well Construction

Two borings (B-9 and B-10) will be drilled at the locations shown on Plate 1, Appendix A. These boring locations were selected to better evaluate the extent of oil-impacted soil southwest and northwest of the former tank location. If possible, a third boring will be drilled to the northeast of the original tank location, across Arrow Highway, to delineate the extent of the impacted soil to the northeast. The borings will be drilled to a depth of 100 to 125 feet using the air percussion technique. Soil samples will be collected at 10 feet below ground surface, and at 5-foot intervals thereafter where possible.

Woodward-Clyde proposes to convert two of the borings to vadose zone wells. The wells will be constructed of 4-inch-diameter PVC pipe. The screened section of the wells will cover the depth interval of oil-impacted soil, and will be backfilled with sand compatible with the screen slot size. The upper portion of the wells will be constructed of blank PVC pipe, and the annulus will be backfilled with cement/bentonite grout.

Selected soil samples collected during drilling will be analyzed for TRPH according to EPA Method 418.1. Three samples per boring will be selected for analysis for volatile organic compounds (VOCs) by EPA Method 8260 and polychlorinated biphenyls (PCBs) by EPA Method 8080.

Task 2: Vapor Extraction Pilot Test

The pilot test will consist of applying a vacuum on one vadose zone well and measuring the vacuum in the surrounding wells. The purpose of the pilot test is to provide information on the air flow characteristics of the unsaturated soil for design of the bioremediation system.

The pilot test will be conducted using a liquid-ring blower capable of a maximum flow of 130 cubic feet per minute and a maximum vacuum of 24 inches of mercury. The pilot test will be performed for a minimum of 4 hours. During the pilot test, Woodward-Clyde personnel will monitor the system flow rate, the wellhead vacuum, and the discharge vapor concentration from wells installed in the zone of impacted soil. By monitoring the flow at different vacuums, a flow rate versus vacuum curve will be developed. This curve will be used for sizing the blower used in the final system design.

Task 3: Bioremediation Bench-Scale Test

To evaluate the treatability of the oil-impacted soil by bioremediation, a bench-scale test will be conducted. The success of an in situ bioremediation system will depend on the presence of a population of acclimated microorganisms in the impacted zone and their ability to degrade the hydrocarbons present. A laboratory treatability study will be conducted at Centrum Laboratory in Redlands, California, using intact soil samples obtained from the zone of impacted soil. The treatability study will be designed by Woodward-Clyde, with input from Dr. William Frankenberger, University of California at Riverside.

Air will be passed through the soil at various flow rates, simulating the in situ bioremediation (bioventing) process. Concentrations of nitrogen and phosphorus will be added to the soil to evaluate if a nutrient deficiency exists. Measurements of carbon dioxide and oxygen in the air stream and hydrocarbon and microbial concentrations in the soil will be obtained over an anticipated 6-week period. The data will be used in selecting the optimal conditions for increased microbiological breakdown of the hydrocarbons by the bioventing process. The following parameters will be estimated from the treatability study:

- Population density of resident hydrocarbon-degrading microorganisms
- Stimulation of biodegradation of the hydrocarbons
- Expected concentrations of hydrocarbon vapors
- Estimated time to reach the targeted cleanup level.

The laboratory study may be supplemented with a field evaluation.

Task 4: Data Reduction/Bioremediation Treatment System Design

The remediation system will be designed on the basis of the results of Tasks 1 through 3. The treatment system would most likely be a combination of aboveground and in situ bioremediation. Considering planned site usage, the remediation program may generally be as follows:

- The uppermost 10 feet of oil-impacted soil would be excavated and transported to a land treatment unit (LTU), an area where the excavated soil would be spread, periodically disked, and moistened. Nutrients and/or bacteria may be added to enhance microbial degradation.
- Oil-impacted soil at depths greater than 10 feet would be treated by an in situ bioremediation system. Air would be extracted and/or injected through vadose zone wells, and gaseous nutrients may be added through the wells to enhance microbial degradation.

The proposed conceptual remedial program has been developed considering the following factors.

1. The petroleum hydrocarbons extend to a depth of approximately 90 feet, and appear to extend under an adjacent street. This means that remedial programs involving excavation and treatment are not feasible.

2. It will be necessary to evaluate whether in situ bioremediation can be implemented at the depths of concern at this site. It may not be possible to induce biological activity at the lower depths.

3.0
ESTIMATED SCHEDULE AND COSTS

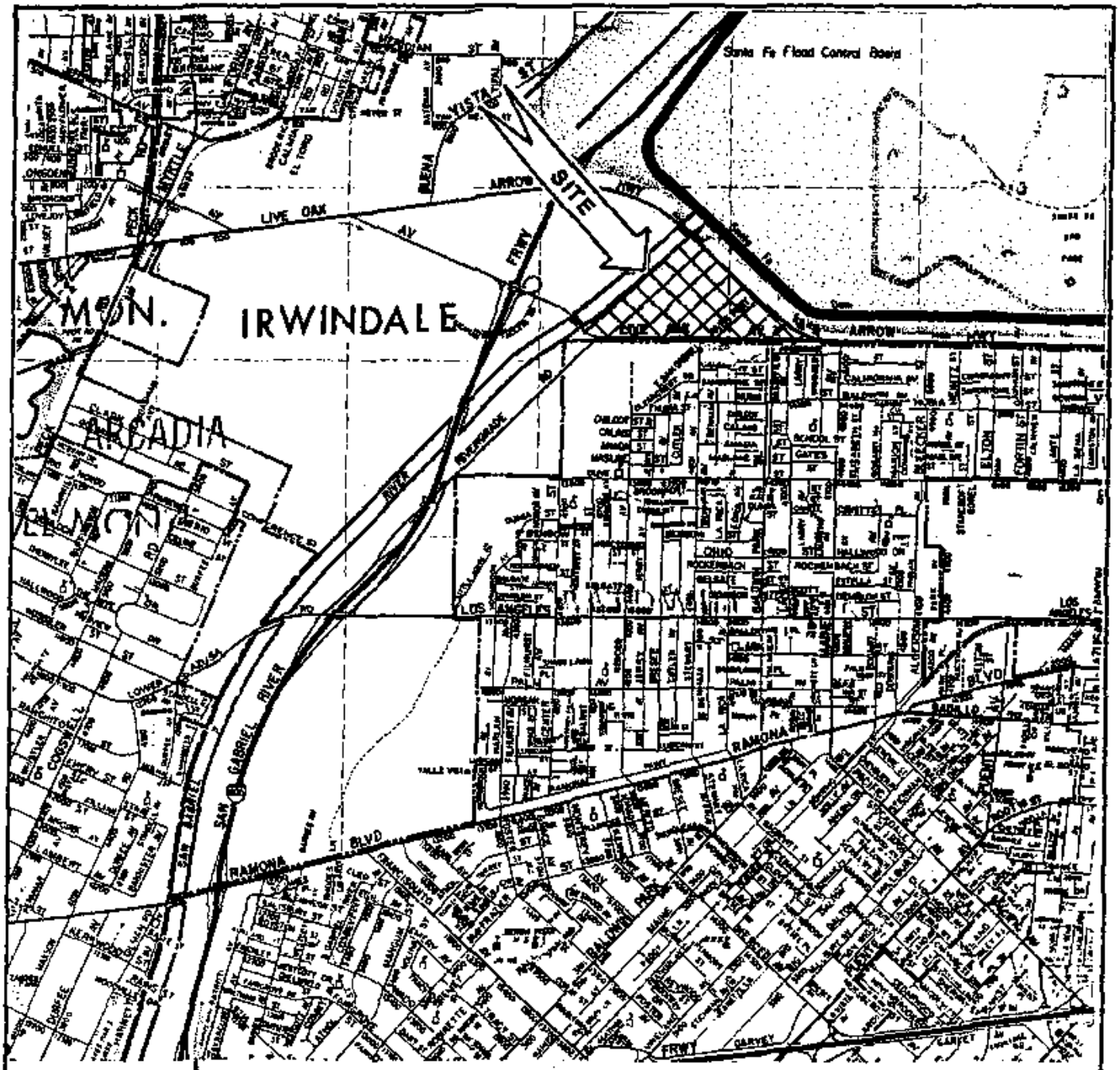
The time to complete the scope of work described in Section 2.0 is estimated as follows:

Task 1 -	Mobilization	2 to 3 weeks
	Drilling, Sampling, and Well Construction	1 week
	Laboratory Analysis	2 weeks
Task 2 -	Vapor Extraction Pilot Test	1 week
Task 3 -	Bioremediation Bench-Scale Test	6 to 8 weeks
Task 4 -	Data Evaluation, Treatment System Design, and Report Preparation	3 weeks
	Total Estimated Timeframe	**15 to 18 weeks**

4.0
LIMITATIONS

This document and the information contained herein are the sole property of Hughes for use as Hughes sees fit. Professional judgments that have been made in preparing this work plan/proposal are based on evaluation of the technical information available and on our general experience in the environmental field in southern California.

The proposed investigation may not fully characterize the extent of oil-impacted soil on the Hughes site, and the proposed in situ bioremediation technique may not be completely effective. Because of the existence of SCE's aboveground power lines and the proximity of the Arrow Highway, evaluation of the lateral extent of contamination to the northeast of the site may not be possible. Therefore, the extent of oil-impacted soil to the northeast of the former tank may have to be estimated from the results of investigation on the accessible sides of the tank excavation. Additionally, the effectiveness of the potential in situ bioremediation may be difficult to evaluate in the future because of site conditions.



0 2800 5600

SCALE, feet

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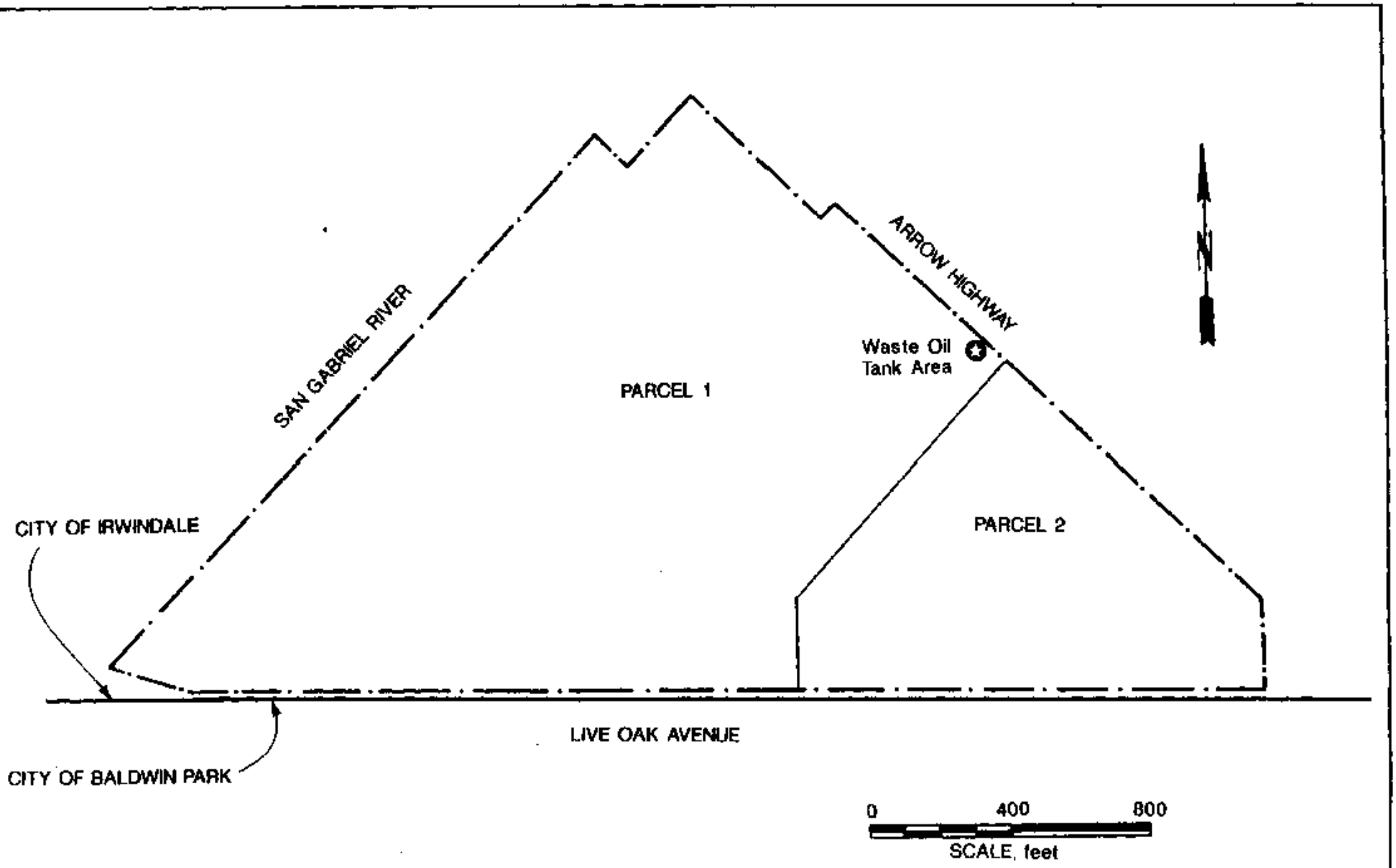
SITE LOCATION MAP

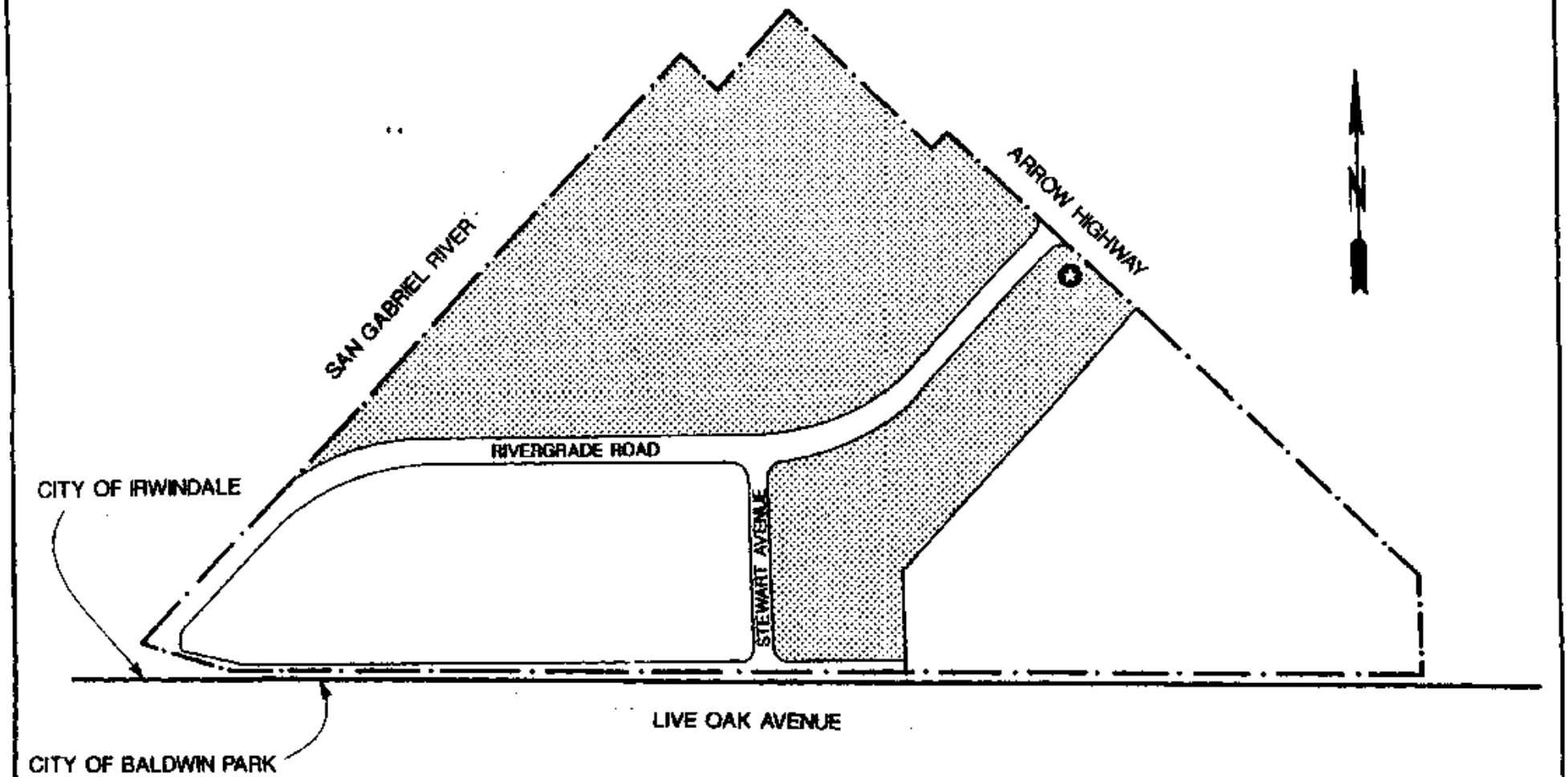
Project No.: 914W412A	Date: DEC. 1991	Project: HUGHES MARKETS	Fig. 1



PARCEL MAP

Project No.: 914W412A	Date: DECEMBER 1991	Project: HUGHES MARKETS	Fig. 2

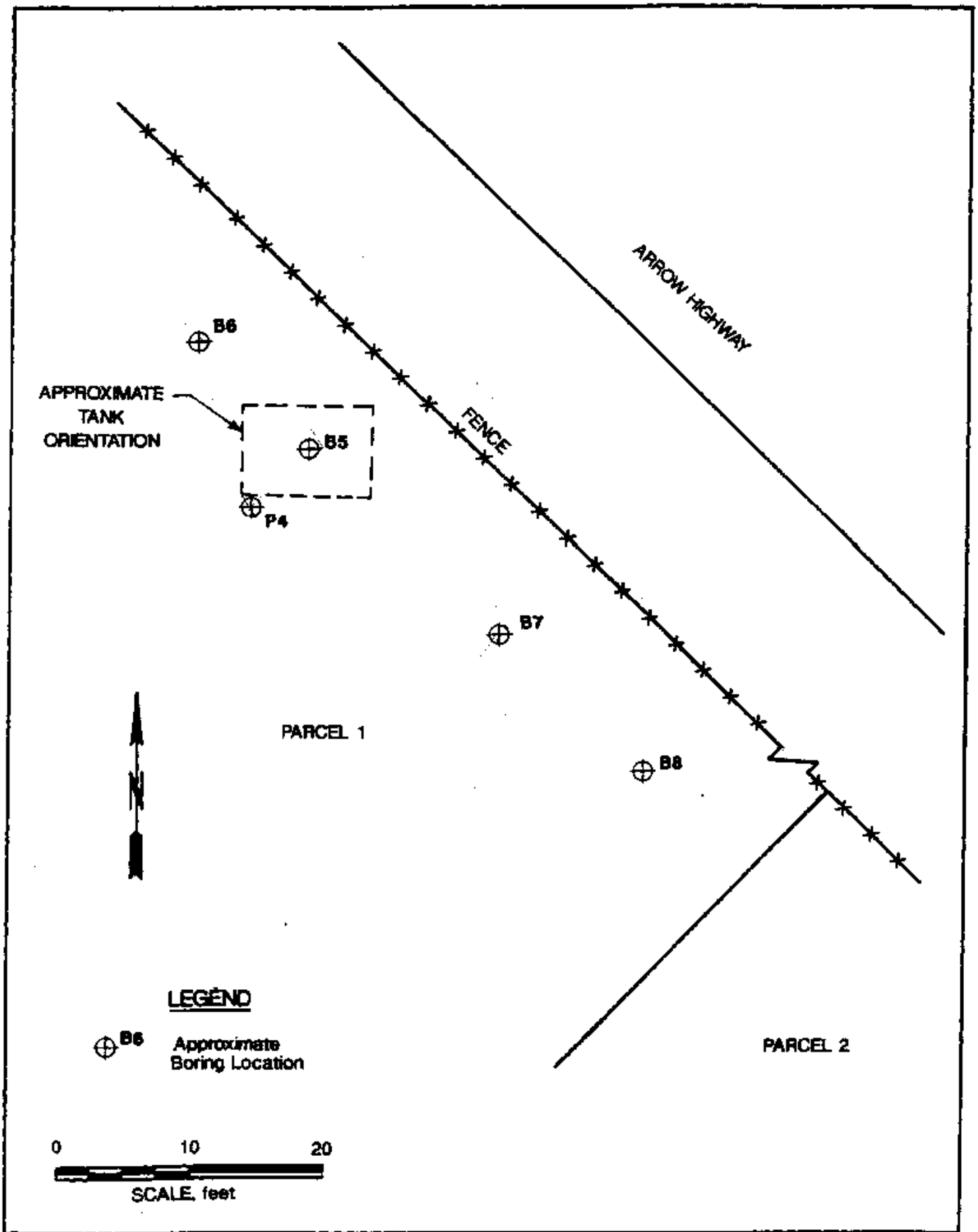
Woodward-Clyde Consultants



LOCATION OF HUGHES MARKETS PROPERTY

Project No.: 914W412A	Date: DECEMBER 1991	Project: HUGHES MARKETS	Fig. 3

Woodward-Clyde Consultants



LOCATIONS OF BORINGS TO WASTE OIL TANK

Project No.: 914W412A	Date: DEC. 1991	Project: HUGHES MARKETS	Fig. 4

APPENDIX A

SCE PLANS FOR UNDERGROUND POWER LINES

APPENDIX B

LACDPW LETTER TO HUGHES DATED MARCH 31, 1992

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

March 31, 1992

RECEIVED
APR 16 1992

IN REPLY PLEASE
REFER TO FILE

I-593

Mr. Norb Parsoneault
Hughes Markets
2716 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM REVIEW SHEET
INVESTIGATION OF WASTE OIL TANK AND TANK CLOSURE REPORT
PREPARED BY: WOODWARD-CLYDE CONSULTANTS
REPORTS DATED: DECEMBER 1991 AND JANUARY 14, 1992
CLOSURE PERMIT NO. 3058B
LOCATION: 14041 EAST LIVE OAK BOULEVARD, IRWINDALE

As discussed in our meeting on February 20, 1992 with Allstaire Callender of Woodward-Clyde and Richard Kaumeyer of the California Regional Water Quality Control Board, our agency is requesting additional investigation to further define the lateral limits of the petroleum contamination.

Although Boring B (drilled approximately 35 feet southeast of the tank) stepped out in the clean soil, the extent of contamination toward the northeast, southwest, and northwest remains undefined by laboratory analysis. Borings should step out into clean soil and encircle the plume.

It is understood that due to the underground utilities and the close proximity of Arrow Highway it would be difficult to drill toward the northeast. However, measures should be taken to determine the possibility of obtaining an encroachment permit to drill in the street.

Also, since it is uncertain as to the historical high groundwater level, it is advised that the investigation extend vertically to a minimum depth of 25 feet below the deepest detectable contamination. Selected soil samples should be analyzed for volatile organics and as mentioned by Richard Kaumeyer of the California Regional Water Quality Control Board soil test should be run for PCB's due to the presence of transformers on the site.

It was discussed that an in situ form of bioremediation is being considered, however, feasibility tests need to be conducted. We require that the State Department of Health Services, Office of Alternative Technologies be notified of this proposed remediation and their requirements be met prior to approval from our office. Please provide this agency with a workplan discussing the next phase of site investigation and remediation by April 30, 1992.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site. The Los Angeles County Department of Public Works may disregard the work performed if the County was not properly notified.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed _____
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:ts
WP/593

cc: Mr. Richard Kaumeyer, California Regional Water Quality Control Board
Woodward-Clyde Consultant

000590-000593

STATE OF CALIFORNIA—ENVIRONMENTAL PROTECTIO.' AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754 2156
(213) 266-7500
FAX- (213) 266-7600

C#121043

ND
NFA

RECEIVED
NOV 7 1994
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

November 3, 1994

Mr. Russel D. Hiles
Stone & Hiles
9440 Santa Monica Boulevard
Beverly Hills, CA 90210

WELL INVESTIGATION PROGRAM - FORMER WASTE OIL TANK AREA INVESTIGATION FOR HUGHES MARKETS PROPERTY AT 14005 LIVE OAK AVENUE, IRWINDALE, CA
(FILE NO. AB 108.1711)

→ new site address for new tank install

This letter is in response to our October 13, 1994 meeting during which closure of the former waste oil tank area at the subject site was discussed. A thorough review of the file revealed that your consultant, Woodward-Clyde Consultants, had submitted three reports pertaining to the investigation performed at the former waste oil tank area. These reports are:

1) Investigation of Waste Oil Tank Area at 14041 East Live Oak Avenue, Irwindale, California; dated December 1991.

2) Tank Closure Report for the Waste Oil Tank; dated January 23, 1992.

3) Report of Excavation, Hughes Markets Site; dated August 1992.

The following summaries and comments are based on the review of the above mentioned reports and the discussion as per our October 13, 1994 meeting.

GENERAL WASTE OIL TANK INFORMATION

1) A 2,000-gallon waste oil tank was removed on April 23, 1991 from the premise in accordance with Permit #8058B, File #593, issued by the County of Los Angeles Department of Public Works.

2) Laboratory analytical results of the tank contents using EPA Method 8015 indicated that over 99% were petroleum hydrocarbons (C5-C30).

SHALLOW SOIL SAMPLING RESULTS

After removal of the tank, soil samples 3A-1 and 3A-2 were collected approximately 3 feet below each end of the tank. Laboratory analytical results of the samples using EPA Method 8015 indicated the presence of ethylbenzene (up to 1.1 mg/kg), toluene (up to 0.37 mg/kg), and total xylenes (up to 22 mg/kg).

DEEP SOIL SAMPLING RESULTS

1) A total of five (5) deep borings, P-4, B-5, B-6, B-7, and B-8, were advanced in the vicinity of the former waste oil tank. Borings B-5 and B-6 were slant-drilled and the remainder were drilled vertically.

2) Laboratory analytical results of the soil samples obtained from the borings using EPA Method 418.1 indicated the presence of total petroleum hydrocarbons (TPH) with concentration levels up to 5,100 mg/kg at 85 feet below ground surface (bgs). However, the concentration levels reduced to 280 mg/kg at 97 feet bgs and to less than 10 mg/kg at 119 feet bgs.

3) No volatile organic compounds (VOCs) were detected in any of the soil samples using EPA Method 8260 except for methylene chloride (up to 140 µg/kg), which was also detected in the laboratory blank.

POST EXCAVATION CONFIRMATORY SAMPLING RESULTS

1) Excavation of the soil in the waste oil tank area was conducted on July 10, 1992 by Woodward-Clyde Consultants.

2) The depth of the excavation was approximately 10 feet below grade. The total length of the excavation was approximately 90 feet long. Approximately 850 cubic yards of soil were excavated.

3) Confirmatory soil samples were collected from the north-west and south-east of the excavation and analyzed for TPH by EPA Method 418.1.

4) The TPH concentration levels ranged from less than 5 mg/kg to 320 mg/kg, with five of the eight samples containing concentrations of TPH less than 100 mg/kg.

CONCLUSION

1) Groundwater elevation data obtained on July 11, 1994 from the monitoring well located at the J.H. Mitchell & Sons Distributors Inc. facility approximately 1/4 mile from the subject site indicated that the depth to groundwater was approximately 180 feet bgs.

2) Due to the low concentration levels (from 280 mg/kg to less than 10 mg/kg) of TPH detected in the deep subsurface (greater than 90 feet bgs) and the depth to groundwater in the vicinity of the subject site, Board staff conclude that the contamination detected in the former waste oil tank area does not present a significant threat to the underlying groundwater.

3) Based on the above findings, no further action is required of the subject facility regarding VOC and/or TPH contamination in the vadose zone in the former waste oil tank area with respect to this Regional Board's Well Investigation Program.

4) Additional investigation(s) may be required in other areas of the subject site to determine if the site is a threat to groundwater.

5) A copy of this letter will be forwarded to the County of Los Angeles Department of Public Works requesting their consideration of the final closure pertaining to Permit #8058B, File #593.

Please notify this Board of any change in your operation including storage and handling of chemicals or processing and disposal of waste with respect to the former waste oil tank area. It should also be noted that this letter in no way releases you from any chemical and/or waste handling requirements of this or any other agencies.

Should you have any questions, please contact David Koo at (213) 266-7540.

ARTHUR G. HEATH, Ph.D.
Environmental Specialist IV

File No. 593 S I T E S P E C I F I C S T A T U S S H E E T

Project Manager: YMT Inspector: TC Local Oversight Status: I Date of Printing: 02/23/95

SITE NAME & ADDRESS:	RESPONSIBLE PARTY NAME & ADDRESS:	CONSULTANT NAME & ADDRESS:
UNITED CONCRETE PIPE	HUGHES MARKET	WOODWARD-CLYDE
14041 LIVE OAK AVE E	NORB PARSONEAULT	
IRWINDALE ,CA 91706	2716 SAN FERNANDO ROAD	2020 FIRST ST E STE 400
	LOS ANGELES CA 90065	SANTA ANA CA 92705
Additional RPs? N	(818) 337-1211 FAX:	(714) 835-6886 FAX: (714) 667-7147

SCAQMD Permit?	Soil Contamination? Yes	GW Contamination?
Health & Safety Plan?	Deepest Contamination: 85' ft	Gradient (ft/ft & dir):
Remedial Actions Taken:	High Contam Level (ppm): 17,000	GW Contam Level (ppb) :
Predominate Soil Type: ROCKS & COBBLES		Depth to GW - actual : ft
Source of Release:		- historic: ft
Probable Contaminants: w/o		- regional: 159 ft
	GW Depth Source:	

Date Corresp Sent/Recd	INCOMING Date on Letter	Rev By	Letter Number	OUTGOING Ltr By	Reply Recd	Summary of Correspondence I- 593
08/02/88						Permit 4654B pulled - 500 gallon concrete sump
01/12/89						Discovery of 3k tank beneath the sump
03/16/89						Permit 5418B pulled - 3k-w/o
06/26/89						LETTER (to Nicole Long) - confirming verbal agreement to backfill pit.
12/05/89			8906118			OOODURE REPORT (Terra Tech) - they excavated and sampled, all results are below 100 ppm, 8020 was NO. Soil hauled away = 150 tons (6 manifest), excavated down to = 17'. Report discussed, the 3k w/o tank.
04/04/90				PAP	*	NOTICE TO RP
06/12/90						ADDITIONAL INFO (from United) - chronology of events; plot plan showing sump above 3k tank
07/06/90				YMT	?	Closure Review - discuss removal of 500 gallon. Sump removed 3/23/90
10/29/90	10/18/90	YMT	PP001052			RESPONSE (Woodward-Clyde) - there was an attempt to make it all one permit; 500 gallon sump was located directly above the 3k tank, see layout of sump and tank.
12/03/90				YMT	?	DPW Review - need wet signature from
12/06/90						Spoke with Tom Zeb - they just complied the data. No signature required. See Terra Tech, closure report.
02/25/91				YMT	*	CLOSURE CERTIFICATE 4654B & 5418B
03/21/91						Permit 7963B Pulled 2-10K Diesel & unl tanks.
01/27/92	01/27/92	YMT	9200412			INVEST OIL TANK
02/05/92	01/14/92	YMT	PP200396			SITE ASSESSMENT REPORT/TANK CLOSURE REPORT - waste oil contamination down to 85'. 5 borings drilled to 100 feet or 50'. Had to use a air percission drill rig.
02/10/92	02/07/92	YMT	9200614			TANK CLOSURE REPORT for 7963B
03/31/92				YMT	Y	Investigation of Waste Oil Tank & TCR Review
04/16/92						Permit 8058B Pulled - 1-2K Waste Oil. for P2058B
05/21/92	05/19/92	YMT	PP201536			REMEDIAL ACTION PROPOSAL - In-Site Bio, propose two borings to 100-125'.
08/01/92						DPW Review (YMT) - Conduct DHS for Variance provide plot plan showing location of proposed borings.
09/17/92				YMT	N	WORKPLAN TO CONDUCT REMEDITAL INVESTIGATION
02/01/93				YMT	*	STATUS REQUEST
03/15/93				YMT	*	LEAD AGENCY TRANSFER REVIEW

64295

Comments:

000590-000593 (35)

SIPR/IEO

LP7963B7

URS

August 10, 2000

Mr. Iheanacho Ofo
County of Los Angeles
Department of Public Works
Environmental Programs Division
900 South Fremont Avenue, Annex 3rd Floor
Alhambra, CA 91803-1331

RECEIVED
AUG 15 2000
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

Re: Work Plan and Check Submittal for
Voluntary Cleanup Oversight
UST Closure Investigation
Irwindale Office Building
14005 Live Oak Avenue
Irwindale, California
URS/D&M Job No. 25437-160-149

C 293422

Dear Mr. Ofo:

Please find attached, a Work Plan for a Soil Boring Investigation, and a check amounting to $535 ($401 "initial fee" and $135 one hour "maximum billed oversight fee") for entering into the Voluntary Cleanup Oversight program. These submittals are being made pursuant to our August 2, 2000 meeting at your office.

As you are aware, URS Corporation (formerly as Dames & Moore) is performing a Phase I Environmental Site Assessment for TA Realty Associates as part of a "due diligence" evaluation prior to property sale and title transfer. The current property owner contact is as follows:

Mr. Tab Harrison
Director of Environmental Affairs
Ralphs Grocery Company
P.O. Box 54143
Los Angeles, CA 90054
Phone: (310) 884-4083
FAX: (310) 884-2508

The objective of the upcoming soil boring investigation described in the attached work plan is to further investigate subsurface soil conditions and evaluate whether product from former underground storage tanks (USTs) had impacted deeper soil horizons beneath the site. It should be noted that, per our earlier discussions, this phase of work is being performed as part of a "due diligence" investigation for the property sale and title transfer and, as such, is proceeding without regulatory overview of the attached work plan. The scope of work, however, is intended to

URS Corporation
2020 East First Street, Suite 400
Santa Ana, CA 92705
Tel: 714.835.6886
Fax: 714.667.7147

fulfill guidelines presented by the Los Angeles County Department of Public Works (LACDPW) for a UST Site Assessment Plan with the objective of LACDPW providing regulatory oversight for UST closure. It should also be noted that the scope of work includes recent revisions that incorporate your suggestions made during our August 2, 2000 meeting.

We look forward to working with you on this project. Please feel free to contact me at (714) 433-7694 if you have any questions or comments.

Respectfully Submitted,

URS Corporation

Taras B. Kruk, R.G., C.HG.
Senior Geologist

w/Attach.

cc: Mr. Jim Buckingham, TA Realty Associates
Mr. Tab Harrison, Ralphs Grocery Company
Mr. Jeff Darling, URS Corporation/KS

WORK PLAN 000590 - 000593 (3S)

(UCLP) Rgst

SIPR / IEO

SOIL BORING INVESTIGATION WORK PLAN FOR THE FORMER HUGHES MARKET FACILITY

/P 7963B7

14041 LIVE OAK AVENUE IRWINDALE, CALIFORNIA

RECEIVED
AUG 15 2000
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

C293422

Prepared for
TA Realty Associates

URS/D&M Project No. 25437-160-149

8/10/00

URS

2020 East First St., Suite 400
Santa Ana, CA 92705
(714) 835-6886 Fax: (714) 667-7147

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LIST OF APPENDICES

A TASK CLOSURE REPORT (Dated December 20, 1991)

URS Corporation (URS) has been retained on behalf of TA Realty Associates and Ralphs Grocery Company to conduct a subsurface investigation at the former Hughes Market facility located at 14041 Live Oak Avenue. The proposed activities associated with this investigation are outlined below in this work plan. The activities are based on the results of an ongoing Phase I Environmental Site Assessment being conducted for the site as part of a "due diligence" evaluation prior to property sale and title transfer. The current property owner contact is identified as Mr. Tab Harrison of Ralphs Groceries. Mr. Harrison may be contacted by telephone at (310) 884-4083.

1.1 BACKGROUND

In 1991, URS was retained by Mission-Koll to decommission two 10,000-gallon steel underground storage tanks (USTs) at the former United Concrete Pipe (UCP) facility in Irwindale, California. The USTs consisted of a steel unleaded gasoline tank and a double-walled fiberglass diesel fuel tank. The tanks were removed in April 1991 under Closure Permit No. 7963B issued by the Los Angeles County Department of Public Works (LACDPW). A closure report was submitted to the LACDPW on December 20, 1991. A copy of the closure report (Woodward-Clyde Consultants, Tank Closure Report, December 20, 1991) can be found in Appendix A. LACDPW responded to the closure report with a letter dated March 1995 requesting additional sampling. There is no indication that the former owner has ever responded to this letter, or that a follow-up investigation was ever competed.

Hughes Markets acquired a portion of the property from Mission Koll and subsequently developed the property as a business office facility. A two-story office building was constructed over the location of the former USTs. Currently the office building is unoccupied pending sale of the property.

In July 2000, URS personnel met with Mr. Iheanacho Ofo of LACDPW to discuss the specific steps necessary to close the former USTs. In accordance with LACDPW guidelines, Mr. Ofo stated that further soil investigation including sampling for methyl-tertiary-butyl ether (MTBE) must be conducted before closure would be granted. The guidelines require five borings around the former UST cluster to depths of 40 feet below ground surface (bgs) (25 feet below the base of the UST invert) to assess the condition of the subsurface soil. Mr. Ofo stated that if no impacts from petroleum hydrocarbons were detected in the soil beneath the former tanks then LACDPW would consider granting UST closure.

1.2 OBJECTIVES

The objective of the investigation described in this work plan is to further investigate subsurface soil conditions to evaluate whether product from former USTs had impacted deeper soil horizons beneath the site. It should be noted that this phase of work is being performed as part of a "due diligence" investigation for a property sale and title transfer and, as such, is proceeding without regulatory overview of this work plan. The scope of work, however, is intended to fulfill guidelines presented by the LACDPW for a UST Site Assessment Plan with the objective of LACDPW to provide regulatory oversight for UST closure.

1.3 APPROACH

URS has proposed the following approach to meet the objective of the investigation:

- Perform tasks necessary to initiate field investigation
- Advance five soil borings to 40 bgs in the location of the former gasoline dispenser island and USTs to collect additional soil samples for analytical testing.
- Submit collected soil for appropriate analytical tests.
- Prepare a report describing the field activities and results of laboratory analyses.

1.4 SCOPE OF WORK

The scope of work necessary to meet the objective and approach of the investigation are outlined below, and described in detail in Sections 3 and 4.

1.4.1 Task 1: Preparation for Field Investigation Activities

Prior to conducting the subsurface investigation, URS will perform the following activities:

- Prepare/update the site-specific health and safety plan (HASP) for this phase of work.
- Notify Underground Service Alert of proposed investigation.
- Select construction, geophysics, concrete coring, drilling and analytical laboratory subcontractors.

1.4.2 Task 2: Field-Investigation Activities

The subsurface field investigation will include the following activities:

- Conduct site geophysical survey to verify utility clearances before beginning intrusive investigations.
- Supervise removal and re-construction of interior room walls by licensed contractor in order to provide access for drilling operations.
- Complete five hollow-stem auger borings to be advanced to 40 feet bgs.
- Collect soil samples at 5-foot intervals from the vadose zone during drilling of borings for soil classification, total organic vapor headspace measurements, and chemical analysis.
- Analyze the soil samples for total petroleum hydrocarbons (TPH - full carbon chain); benzene, toluene, ethylbenzene, and xylenes (BTEX); MTBE; and lead.

1.4.3 Task 3: Report Preparation

Following the field activities, URS will prepare a summary report with the investigation results and recommendations. In accordance with LACDPW guidelines, the report will include the following:

- Site information
- Facility maps
- Geology/Hydrogeology
- Boring logs
- Field sampling procedures
- Chain-of-custody records
- Laboratory results
- Waste management documentation
- Subsurface plume illustrations
- Conclusions and recommendations
- References

2.1 SITE DESCRIPTION

The former Hughes Market facility is located at 14005 East Live Oaks Avenue in Irwindale, California (Figure 1). The site was formerly part of a larger 74-acre parcel (14041 East live Oak Avenue) that was owned and occupied by United Concrete Pipe (UCP). Ralphs Markets acquired Hughes Markets and the property is now considered excess and is in the process of being sold.

The property is located east of the San Gabriel River Channel and south of the Santa Fe Dam. Rivergrade Road borders the subject property to the north-northwest, to the northeast by Arrow Highway, a vacant lot to the east and south by Live Oak Avenue (Figure 2). The property is developed with a 2-story vacant office building, asphalt parking lots, concrete sidewalks, and landscaped with grass, shrubs and trees.

2.1 GEOLOGY AND HYDROGEOLOGY

The site is situated in the north-central portion of the San Gabriel Valley Groundwater Basin, overlying fresh water-bearing deposits of that basin. The basin is an elongated, alluvium-filled valley extending from the central part of Los Angeles County almost to its eastern boundary. The valley is approximately 14 miles wide, and is bordered to the north by the San Gabriel Mountains and to the south by the Repetto, Puente, and the San Jose Hills. A topographic divide marks the eastern boundary of the basin, and the Raymond fault serves as the northwestern boundary. The surface area of the valley floor is approximately 100,000 acres.

Average annual precipitation in the site vicinity is approximately 14 inches, although rainfall to the north in the San Gabriel Mountains exceeds 35 inches annually. Because these mountains are composed primarily of non-water-bearing rock, local precipitation from the mountains runs off through the San Gabriel Canyon, providing sources of recharge to the water-bearing deposits underlying the valley floor in the vicinity of the site. The region's groundwater gradient from the mouth of the San Gabriel River is to the south and west.

The principal drainage in the area is the San Gabriel River, located west of the site. The riverbanks are lined with concrete. The river bottom consists of native alluvial sand and gravel deposits.

The surface deposits in the site are recent alluvium deposited in the San Gabriel River flood plain. These deposits overlie older alluvium. The central portion of the San Gabriel Valley Groundwater Basin has water-bearing deposits averaging about 1,000 feet in thickness. The

alluvium that comprises the water-bearing materials in the site vicinity consists of randomly sorted, subrounded to well-rounded, course-grained deposits derived from the San Gabriel Mountains to the north. The deposits range in size from silts to 4-foot diameter boulders. The alluvium generally consists of course sands and gravel, with occasional lenses of finer-grained material deposited during low-flow cycles.

The coarseness of the sands and gravel in the alluvial deposits makes these deposits very efficient aquifers. Horizontal permeability of the deposits range from about 100 to 500 gallons per day per square foot. Vertical permeability is generally an order of magnitude lower than the horizontal values.

Ground water levels in the vicinity of the site fluctuate greatly depending on the frequency and quantity of the precipitation. The existence of a perched water-bearing zone above the primary ground water basin at the site is unlikely, due to the coarse-grained nature of the soil.

2.2 SUMMARY OF PREVIOUS SITE INVESTIGATIONS

URS (formerly Woodward-Clyde) conducted a previous field investigation that consisted of the removal of two USTs at 14041 East Live Oaks Avenue in Irwindale, California. The field investigation was conducted on April 23, 1991. The two tanks consisted of a 10,000-gallon steel (unleaded) gasoline tank and a 10,000-gallon double-walled fiberglass diesel tank. A copy of the tank removal report can be found in Appendix A.

URS personnel documented the removal of the tanks and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. Soil samples were taken beneath the tanks at an approximate depth of 15 feet bgs as specified by the removal permit. Soil samples collected beneath the gasoline tank were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015 Modified and the samples collected beneath the diesel tank were analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH) by EPA Method 418.1.

The analytical results revealed non-detect concentrations of TPHg in samples collected beneath the unleaded gasoline tank. One sample collected beneath the north end of the diesel tank contained 186 milligrams per kilogram (mg/kg) of TRPH. Additional samples were then collected beneath the diesel tank to assess the magnitude and extent of the TRPH. On May 3, 1991, samples were collected at the same location the TRPH was detected but at greater depths (20 and 25 feet) below grade. The samples taken were non-detect for TRPH but showed low levels of toluene, xylenes, and ethylbenzenes.

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This section presents a discussion of pre-field activities to be conducted prior to beginning field investigation activities described in Section 4.0.

3.1 HEALTH AND SAFETY PLAN

A site-specific HASP will be prepared by URS prior to conducting field activities at the site. The HASP will describe specific health and safety requirements and guidelines for the proposed activities. In addition, URS employees and subcontractor employees assigned to the project will attend a tailgate safety meeting given by the Site Safety Officer each day that field activities are performed.

3.2 UNDERGROUND UTILITY SURVEY

Underground Service Alert will be notified at least 48 hours in advance of the proposed drilling activities. In addition, a geophysical survey will be conducted prior to performing subsurface work in order to identify the presence of potential utilities or underground structures. Four potential methods may be used: magnetic; electromagnetic; ground penetrating radar (GPR); or electromagnetic line location. Magnetics and electromagnetics are used to identify underground tanks, drums and conduits. These features are detected due the ferrous and electrically conductive material of their construction. GPR is used as a follow up technology to characterize identified magnetic or electromagnetic anomalies.

An area within an approximate 10-foot radius around the boring location will be surveyed. Once a proposed boring location is surveyed and cleared of utilities, the location will be remarked to denote clearance for drilling. If utilities are detected within the surveyed area, marking in paint on the ground will denote type of utility detected (e.g., electrical conduits) and the approximate location.

3.3 CONSTRUCTION ACTIVITY

Prior to initiating drilling activities a general contractor will remove appropriate building walls to provide access to for the drilling equipment to access the boring locations. URS will direct the contractor to the wall sections to be removed. Following completion of drilling activities the walls and utilities removed will be restored to original specifications.

This section presents a description of field activities to be performed during the site investigation.

4.1 SOIL BORING ADVANCEMENT

At each boring location, a concrete coring device equipped with a diamond-tipped circular concrete corer will be used to advance through the concrete surface.

Five borings (SB-1 through SB-5) will be advanced to a depth of 40 feet bgs or until refusal is met. The borings will be located in the area of the former dispenser island and USTs (Figure 3). Drilling of the borings will be performed using a hollow stem auger, limited space drilling rig with 6-inch outside diameter continuous-flight augers. Prior to drilling, boring locations will be hand-augured to approximately 5 feet bgs to verify that there are no underground utilities.

Soil samples will be collected at approximately 4-foot intervals beginning at 4-feet bgs and continuing to 40 feet bgs. The soil samples will be collected using a modified California split-spoon sampler, fitted with three brass liners. The sampler will be driven 18 inches (or to refusal) into undisturbed ground, by repeatedly dropping a 140-pound hammer from 30 inches above the sampler. The number of blows required to drive the sampler each 6 inches will be recorded. Refusal will be defined as requiring 50 hammer blows to advance the sampler 6 inches or less.

Soil samples will be used for measurement of head space volatile organic compound (VOC) concentration, describing the soil in accordance with the Unified Soil Classification System (USCS), and for chemical analysis (if selected).

Soil from the middle and top brass liners will be placed in a resealable plastic bag for approximately 15 minutes to allow VOCs in the soil to volatilize. The soil vapor will then be measured by inserting an organic vapor analyzer (OVA) or photoionization detector (PID) probe into the plastic bag. Background VOCs will be measured prior to each measurement. The organic vapor monitoring results will be recorded on boring logs.

The soil samples will be visually examined, described and classified in general accordance with the USCS. Soil descriptions will be recorded on the boring logs with other pertinent drilling notes.

The bottom brass liner from each sample interval will be sealed and capped, labeled, and stored in a chilled cooler for delivery to the laboratory.

A Registered Geologist or Professional Engineer experienced in environmental drilling and sampling will perform oversight of the drilling and sampling program. Boring logs will be prepared in accordance with the URS standard format for environmental drilling. At a minimum, boring logs shall contain geologic descriptions (USCS) of soil strata, depth to groundwater if encountered, depth to free product if present, sample identification numbers, blow counts, and OVA readings for headspace analyses. A Registered Geologist will review the boring logs.

During drilling activities, soil cuttings will be shoveled into 55-gallon drums. The drums will be labeled, identifying borings and depth intervals, and properly sealed or secured. Following a review of analytical soil tests the soil cuttings will be disposed at an appropriate licensed facility.

4.2 SOIL ANALYSIS

All soil samples collected from the borings will be submitted to Calscience Environmental Laboratories, Inc. (Calscience) in Garden Grove, California for analytical analyses. Soil samples collected 8, 16, 24, 32 and 40 feet will be analyzed for TPH analysis by EPA Method 8015-Modified for carbon chain to C44 and BTEX/MTBE using EPA Method 8020. Soil samples collected at 32 and 40 feet will be additionally analyzed for lead by EPA Method 6010B. Samples not selected for analysis (4, 12, 20, 28 and 36 feet) will be held by the laboratory in the event additional analysis is needed to confirm a "clean" zone beneath the former USTs. Samples showing detectable concentrations of MTBE will be confirmed by EPA Method 8260. All samples sent to the laboratory will be sealed, labeled, stored in a chilled cooler and submitted in accordance with EPA chain-of-custody field procedures. Soil samples will be analyzed by Calscience on a 24-hour turn around time. It should be noted that samples collected will not be analyzed for TRPH by EPA Method 418.1 since the former USTs did not contain motor oil.

4.3 DECONTAMINATION PROCEDURES

Drill rigs and augers will be decontaminated by steam cleaning at the drilling company's maintenance facility prior to arriving at the site. The drilling company will provide enough clean equipment for each day of drilling and sampling. They will also provide a mobile steam cleaner for field decontamination of augers, and other large equipment used for drilling and/or sampling. Only properly decontaminated equipment approved by URS Greiner Woodward Clyde onsite personnel will be used for drilling and sampling.

The field decontamination process for smaller (non-disposable) soil sampling equipment (i.e., split spoon sampler), will consist of wiping the equipment of excess soil, washing in a solution of

non-phosphate detergent (Liquinox), and rinsing with deionized water. The equipment will be cleaned prior to use, between each sample collection, and prior to leaving the site. All decontamination liquid and soil cuttings generated from drilling operations will be stored in 55-gallon Department of Transportation (DOT) approved drums, labeled, and properly sealed or secured. URS will stage the drums in an appropriate designated area for disposal.

4.4 QUALITY ASSURANCE SAMPLES

Laboratory QA/QC samples will be analyzed to identify the precision and accuracy of the laboratory measurements. Laboratory QA/QC samples consist of method blanks and matrix spike/matrix spike duplicates (MS/MSD) that are run daily as part of the laboratory's QA/QC plan. The purpose of the method blank samples is to evaluate the potential for introduction (during laboratory sample handling) of an analyte into a sample extract that is not present at detectable levels in the sample matrix. The purpose of the MS/MSD samples is to evaluate the effects of the sample matrix on the measurement methodology.

4.5 SAMPLE DOCUMENTATION AND TRACKING

Documentation of observations and data acquired in the field will provide information on the acquisition of samples and also provide a permanent record of field activities. The observations and data will be recorded with indelible ink in a permanently bound weatherproof field book with consecutively numbered pages and, if applicable, on field sampling data sheets.

The information in the field book will include the following as a minimum.

- Project name
- Location of sample
- Sampler's signature
- Date and time of sample collection
- Sample identification numbers and sample depth (if applicable)
- Description of samples (matrix sampled)
- Analysis to be performed
- Number and volume of samples
- Description of QA/QC samples (if collected)
- Sample methods

- Sample handling
- Field observations
- Personnel and equipment present

Changes or deletions in the field book should be lined out with a single strike mark, initialed and dated by person making change, and remain legible. Sufficient information should be recorded to allow the sampling event to be reconstructed without relying on the collector's memory.

URS will prepare a report of investigation following completion of field activities and laboratory analyses. The report will include a description of field activities, a summary of laboratory results in text and tabular format, conclusions and recommendations, site figures, boring logs, laboratory reports and chain-of-custody documentation, and QA/QC documentation.

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SOIL BORING INVESTIGATION WORK PLAN
FOR THE FORMER HUGHES MARKET FACILITY,
14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA

Prepared for: TA Realty Associates

August 10, 2000
URS/D&M Job No. 25437-160-149

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A TASK CLOSURE REPORT (Dated December 20, 1991)

URS Corporation (URS) has been retained on behalf of TA Realty Associates and Ralphs Grocery Company to conduct a subsurface investigation at the former Hughes Market facility located at 14041 Live Oak Avenue. The proposed activities associated with this investigation are outlined below in this work plan. The activities are based on the results of an ongoing Phase I Environmental Site Assessment being conducted for the site as part of a "due diligence" evaluation prior to property sale and title transfer. The current property owner contact is identified as Mr. Tab Harrison of Ralphs Groceries. Mr. Harrison may be contacted by telephone at (310) 884-4083.

1.1 BACKGROUND

In 1991, URS was retained by Mission-Koll to decommission two 10,000-gallon steel underground storage tanks (USTs) at the former United Concrete Pipe (UCP) facility in Irwindale, California. The USTs consisted of a steel unleaded gasoline tank and a double-walled fiberglass diesel fuel tank. The tanks were removed in April 1991 under Closure Permit No. 7963B issued by the Los Angeles County Department of Public Works (LACDPW). A closure report was submitted to the LACDPW on December 20, 1991. A copy of the closure report (Woodward-Clyde Consultants, Tank Closure Report, December 20, 1991) can be found in Appendix A. LACDPW responded to the closure report with a letter dated March 1995 requesting additional sampling. There is no indication that the former owner has ever responded to this letter, or that a follow-up investigation was ever competed.

Hughes Markets acquired a portion of the property from Mission Koll and subsequently developed the property as a business office facility. A two-story office building was constructed over the location of the former USTs. Currently the office building is unoccupied pending sale of the property.

In July 2000, URS personnel met with Mr. Iheanacho Ofo of LACDPW to discuss the specific steps necessary to close the former USTs. In accordance with LACDPW guidelines, Mr. Ofo stated that further soil investigation including sampling for methyl-tertiary-butyl ether (MTBE) must be conducted before closure would be granted. The guidelines require five borings around the former UST cluster to depths of 40 feet below ground surface (bgs) (25 feet below the base of the UST invert) to assess the condition of the subsurface soil. Mr. Ofo stated that if no impacts from petroleum hydrocarbons were detected in the soil beneath the former tanks then LACDPW would consider granting UST closure.

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The objective of the investigation described in this work plan is to further investigate subsurface soil conditions to evaluate whether product from former USTs had impacted deeper soil horizons beneath the site. It should be noted that this phase of work is being performed as part of a "due diligence" investigation for a property sale and title transfer and, as such, is proceeding without regulatory overview of this work plan. The scope of work, however, is intended to fulfill guidelines presented by the LACDPW for a UST Site Assessment Plan with the objective of LACDPW to provide regulatory oversight for UST closure.

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URS has proposed the following approach to meet the objective of the investigation:

- Perform tasks necessary to initiate field investigation
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The scope of work necessary to meet the objective and approach of the investigation are outlined below, and described in detail in Sections 3 and 4.

1.4.1 Task 1: Preparation for Field Investigation Activities

Prior to conducting the subsurface investigation, URS will perform the following activities:

- Prepare/update the site-specific health and safety plan (HASP) for this phase of work.
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The subsurface field investigation will include the following activities:

- Conduct site geophysical survey to verify utility clearances before beginning intrusive investigations.
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Soil samples will be collected at approximately 4-foot intervals beginning at 4-feet bgs and continuing to 40 feet bgs. The soil samples will be collected using a modified California split-spoon sampler, fitted with three brass liners. The sampler will be driven 18 inches (or to refusal) into undisturbed ground, by repeatedly dropping a 140-pound hammer from 30 inches above the sampler. The number of blows required to drive the sampler each 6 inches will be recorded. Refusal will be defined as requiring 50 hammer blows to advance the sampler 6 inches or less.

Soil samples will be used for measurement of head space volatile organic compound (VOC) concentration, describing the soil in accordance with the Unified Soil Classification System (USCS), and for chemical analysis (if selected).

Soil from the middle and top brass liners will be placed in a resealable plastic bag for approximately 15 minutes to allow VOCs in the soil to volatilize. The soil vapor will then be measured by inserting an organic vapor analyzer (OVA) or photoionization detector (PID) probe into the plastic bag. Background VOCs will be measured prior to each measurement. The organic vapor monitoring results will be recorded on boring logs.

The soil samples will be visually examined, described and classified in general accordance with the USCS. Soil descriptions will be recorded on the boring logs with other pertinent drilling notes.

The bottom brass liner from each sample interval will be sealed and capped, labeled, and stored in a chilled cooler for delivery to the laboratory.

A Registered Geologist or Professional Engineer experienced in environmental drilling and sampling will perform oversight of the drilling and sampling program. Boring logs will be prepared in accordance with the URS standard format for environmental drilling. At a minimum, boring logs shall contain geologic descriptions (USCS) of soil strata, depth to groundwater if encountered, depth to free product if present, sample identification numbers, blow counts, and OVA readings for headspace analyses. A Registered Geologist will review the boring logs.

During drilling activities, soil cuttings will be shoveled into 55-gallon drums. The drums will be labeled, identifying borings and depth intervals, and properly sealed or secured. Following a review of analytical soil tests the soil cuttings will be disposed at an appropriate licensed facility.

4.2 SOIL ANALYSIS

All soil samples collected from the borings will be submitted to Calscience Environmental Laboratories, Inc. (Calscience) in Garden Grove, California for analytical analyses. Soil samples collected 8, 16, 24, 32 and 40 feet will be analyzed for TPH analysis by EPA Method 8015-Modified for carbon chain to C44 and BTEX/MTBE using EPA Method 8020. Soil samples collected at 32 and 40 feet will be additionally analyzed for lead by EPA Method 6010B. Samples not selected for analysis (4, 12, 20, 28 and 36 feet) will be held by the laboratory in the event additional analysis is needed to confirm a "clean" zone beneath the former USTs. Samples showing detectable concentrations of MTBE will be confirmed by EPA Method 8260. All samples sent to the laboratory will be sealed, labeled, stored in a chilled cooler and submitted in accordance with EPA chain-of-custody field procedures. Soil samples will be analyzed by Calscience on a 24-hour turn around time. It should be noted that samples collected will not be analyzed for TRPH by EPA Method 418.1 since the former USTs did not contain motor oil.

4.3 DECONTAMINATION PROCEDURES

Drill rigs and augers will be decontaminated by steam cleaning at the drilling company's maintenance facility prior to arriving at the site. The drilling company will provide enough clean equipment for each day of drilling and sampling. They will also provide a mobile steam cleaner for field decontamination of augers, and other large equipment used for drilling and/or sampling. Only properly decontaminated equipment approved by URS Greiner Woodward Clyde onsite personnel will be used for drilling and sampling.

The field decontamination process for smaller (non-disposable) soil sampling equipment (i.e., split spoon sampler), will consist of wiping the equipment of excess soil, washing in a solution of

non-phosphate detergent (Liquinox), and rinsing with deionized water. The equipment will be cleaned prior to use, between each sample collection, and prior to leaving the site. All decontamination liquid and soil cuttings generated from drilling operations will be stored in 55-gallon Department of Transportation (DOT) approved drums, labeled, and properly sealed or secured. URS will stage the drums in an appropriate designated area for disposal.

4.4 QUALITY ASSURANCE SAMPLES

Laboratory QA/QC samples will be analyzed to identify the precision and accuracy of the laboratory measurements. Laboratory QA/QC samples consist of method blanks and matrix spike/matrix spike duplicates (MS/MSD) that are run daily as part of the laboratory's QA/QC plan. The purpose of the method blank samples is to evaluate the potential for introduction (during laboratory sample handling) of an analyte into a sample extract that is not present at detectable levels in the sample matrix. The purpose of the MS/MSD samples is to evaluate the effects of the sample matrix on the measurement methodology.

4.5 SAMPLE DOCUMENTATION AND TRACKING

Documentation of observations and data acquired in the field will provide information on the acquisition of samples and also provide a permanent record of field activities. The observations and data will be recorded with indelible ink in a permanently bound weatherproof field book with consecutively numbered pages and, if applicable, on field sampling data sheets.

The information in the field book will include the following as a minimum.

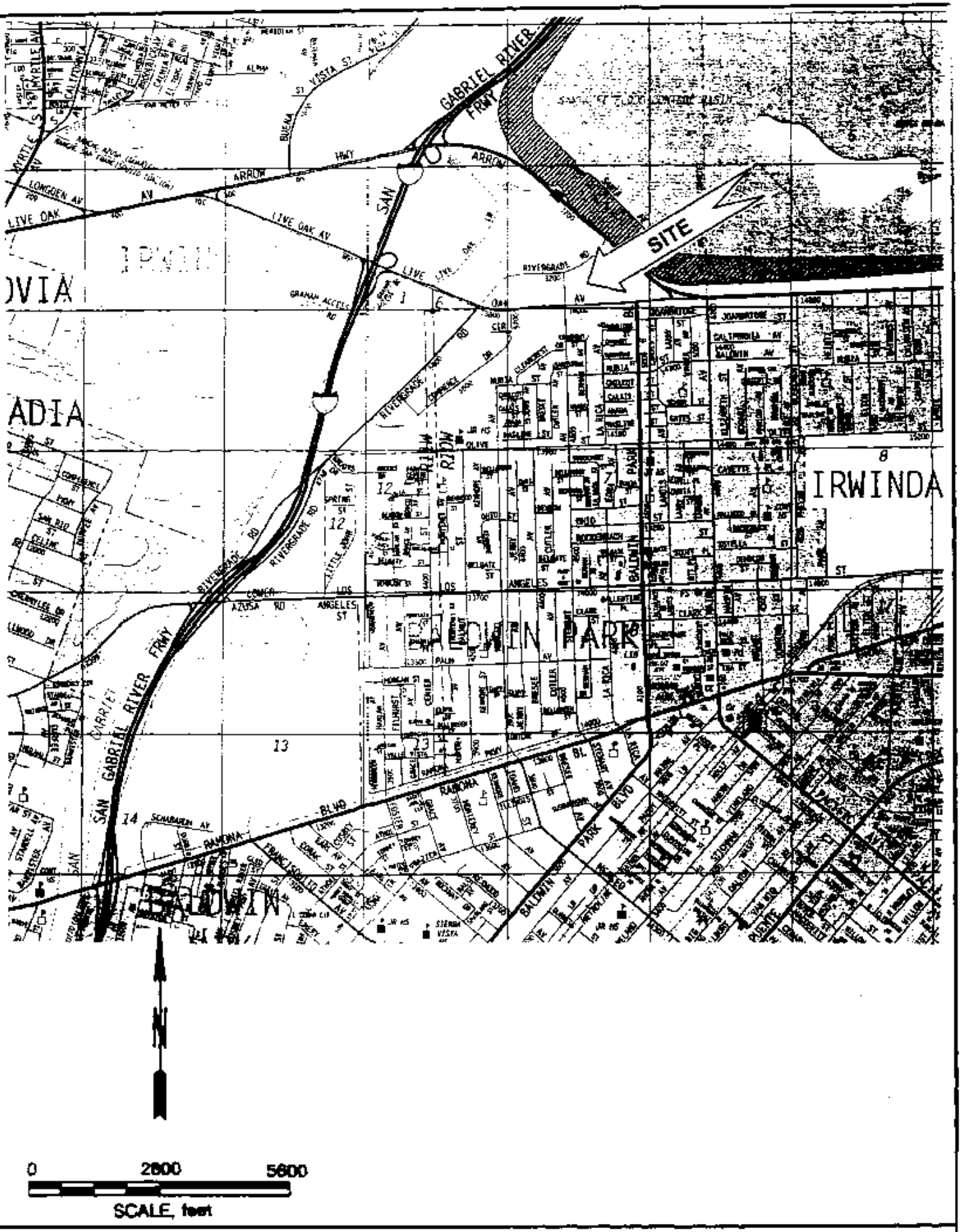
- Project name
- Location of sample
- Sampler's signature
- Date and time of sample collection
- Sample identification numbers and sample depth (if applicable)
- Description of samples (matrix sampled)
- Analysis to be performed
- Number and volume of samples
- Description of QA/QC samples (if collected)
- Sample methods

- Sample handling
- Field observations
- Personnel and equipment present

Changes or deletions in the field book should be lined out with a single strike mark, initialed and dated by person making change, and remain legible. Sufficient information should be recorded to allow the sampling event to be reconstructed without relying on the collector's memory.

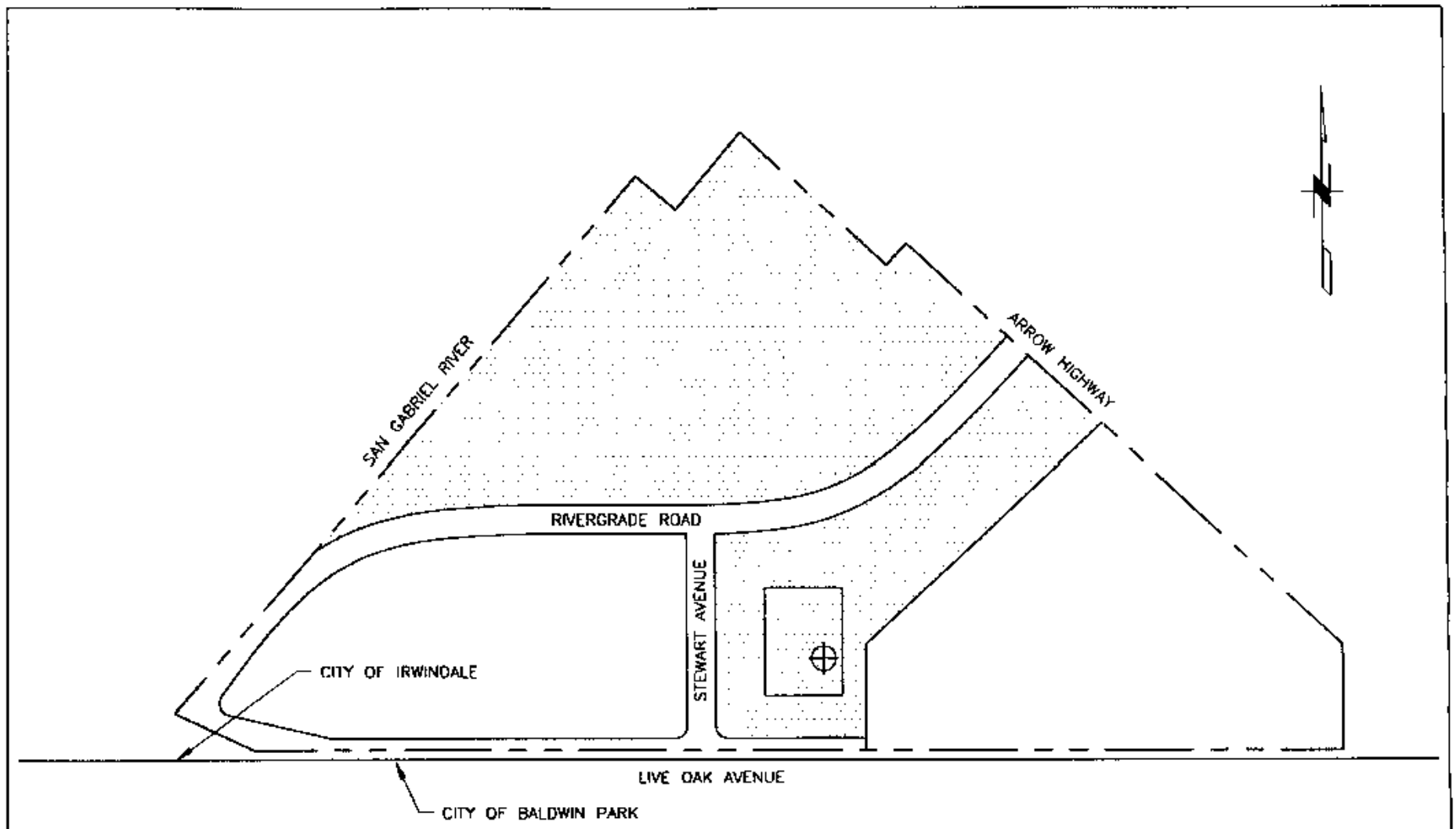
URS will prepare a report of investigation following completion of field activities and laboratory analyses. The report will include a description of field activities, a summary of laboratory results in text and tabular format, conclusions and recommendations, site figures, boring logs, laboratory reports and chain-of-custody documentation, and QA/QC documentation.

FIGURES



SITE LOCATION MAP

Project No.: 25437-161-149	Date: JULY 2000	Project: HUGHES MARKETS	Figure: 1



LEGEND

PARCELS OWNED BY HUGHES MARKETS

APPROXIMATE LOCATION OF FORMER USTs AND DISPENSER ISLAND AREA

0 200' 400' 800'

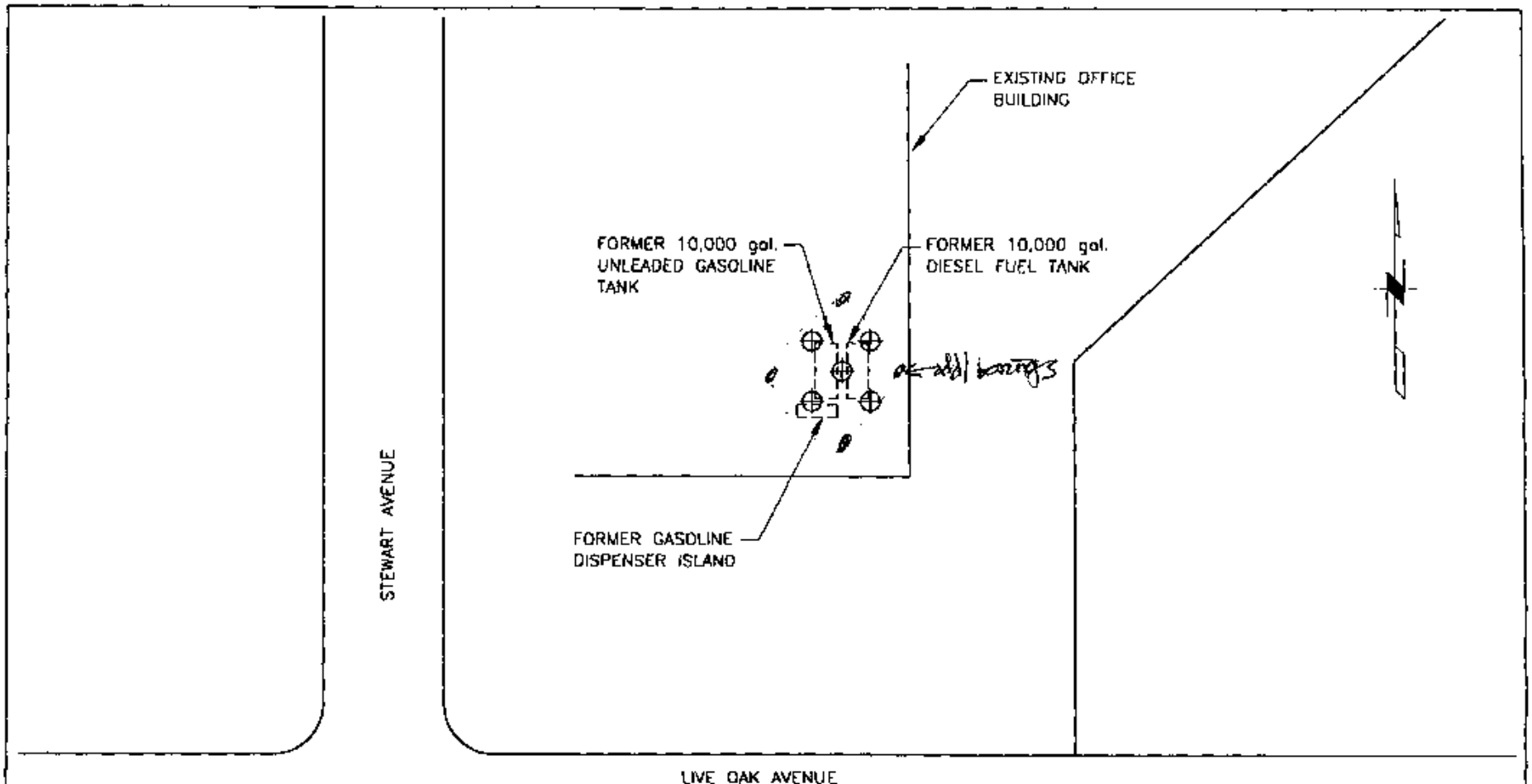
SCALE: 1"=400'

URS Corporation

FORMER HUGHES MARKETS FACILITY SITE LAYOUT MAP

Proj. No.: 25437-161-149	Date: JULY, 2000
Project: HUGHES MARKETS	CAD ID.:
	Figure: FIG. 2

J:\projects\Hughes Markets\fig2.dwg Mon Aug 07 14:49:04 2000



LEGEND

⊕ APPROXIMATE LOCATION OF PROPOSED BORINGS

0 50' 100' 200'

SCALE: 1"=100'

URS Corporation

FORMER HUGHES MARKETS FACILITY
BORING LOCATION MAP

Proj. No.: 25437-161-149	Date: JULY, 2000
Project: HUGHES MARKETS	CAD ID.:
	Figure: FIG. 3

J:\projects\Hughes Markets\fig3.dwg Fri Aug 04 13:59:45 2000

APPENDIX A

2020 East First Street
Suite 400
Santa Ana CA 92705
(714) 835-6886
(213) 581-7164
Fax (714) 667-7147

Woodward-Clyde Consultants

December 20, 1991
Project No. 904W217A

Los Angeles County Department of Public Works
900 South Fremont
Alhambra, California 91802

Atten: Waste Management Division

SUBJECT: TANK CLOSURE REPORT
FILE NUMBER 593, PERMIT NUMBER 7963

Dear Mr. Sjoberg,

On behalf of Mission-Koll I (Koll), Woodward-Clyde Consultants (Woodward-Clyde) is submitting this report regarding the removal of two underground storage tanks at 14041 East Live Oaks Avenue, Irwindale, California (Figure 1). This report addresses the items listed in the Los Angeles County Department of Public Works closure report checklist (Attachment A). The two tanks consisted of a 10,000 gallon steel (unleaded) gasoline tank and a 10,000 gallon double-walled fiberglass diesel tank. Figure 2 shows the locations of the tanks.

The tanks were removed on April 23, 1991 in accordance with conditions specified in permit number 7963, file number 593. The general contractor for the removal was J. D. Edwards at 11711 Clark Street, Unit 110, Arcadia, California 91006. They employed the following additional subcontractors:

- Nieto & Sons Trucking, Inc., Brea, California
  (cleaned tanks and hauled and disposed of liquid waste)
- CTL Environmental Services, Harbor City, California
  (Certified Industrial Hygienist)
- Western Tank Testing, 22911 Savi Ranch Parkway, Yorba Linda, California (Degassed fuel tank)

Woodward-Clyde personnel documented the removal of the tank and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. During the tank removal activities, the air in and around the tank excavation was monitored for volatile organics with an organic vapor analyzer (OVA). Most of the readings were near background (1.5 ppm) with two exceptions. Two readings were taken when a gasoline odor was noticed that registered > 100 ppm. These readings were obtained prior to tank de-gassing and seemed to be due to wind blowing

the vapors from the tanks. The tanks were pumped, de-gassed and certified "clean" by a certified industrial hygienist, and were then transported to American Metal Recycling, Inc. 2202 South Milliken Avenue, Ontario, California for disposal. Documentation of the removal, certification, and proper disposal of the tanks is included in Attachment B.

Soil samples were collected beneath the ends of the tanks (at an approximate depth of 15 feet below grade) as specified in the removal permit. The samples were collected by using a backhoe to excavate soil from the desired depth, and then collecting a sample from the bucket of the backhoe, using a spatula. The samples were grab samples (no borings were drilled), and were collected within one half hour after the tanks were removed (between 2:15 and 2:45 pm). They were stored on ice and transported with chain-of-custody documentation to West Coast Analytical Services, Inc. for analysis for total petroleum hydrocarbons (TPH) and for volatile aromatic hydrocarbons by EPA Method 8020. The samples from beneath the gasoline tank were analyzed for TPH by EPA Method 8015 (modified), and the samples from beneath the diesel tank were analyzed for TPH by EPA Method 418.1. Laboratory reports and chain-of custody forms are included in Attachment C.

The analytical results revealed non-detect concentrations of TPH for all samples except for sample 1B, collected beneath the north end of the diesel tank, which contained 186 mg/kg of TPH. Low concentrations of toluene, ethylbenzene and xylenes were detected in three of the four samples. These compounds were also detected in similar concentrations in the lab blanks, indicating that their presence was due to laboratory contamination.

Given the detection of TPH beneath the north end of the diesel tank, Woodward-Clyde personnel collected additional samples to assess the magnitude and extent of the TPH. On May 3 1991, samples were collected at the same location as sample 1B, but at greater depths (20 and 25 feet) below grade. These samples were collected as described above, and were transported with accompanying chain-of-custody documentation to West Coast Analytical Service, Inc. for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. Both samples were non-detect for TPH. Low levels of toluene and xylenes were detected in the samples as well as in the lab blank, and 2 ug/kg of ethylbenzene was detected in sample T-20B.

On May 9 1991, four additional samples were collected. Samples 1B-N1, 1B-S1, 1B-W1 and 1B-E1 were collected 2 to 5 feet north, south, west and east, respectively, of the original sample 1B. These samples were collected as described above, and were transported with accompanying chain-of-custody documentation to West Coast Analytical Service for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. All of the samples were non-detect for the target compounds with the exception of sample 1B-W1 which contained 2 ug/kg of toluene.

The soil that was removed beneath the north end of the diesel tank for sample collection was stockpiled near the tank excavation. On May 15 1991, when the excavation was backfilled, this soil was transported to another location on the site in case further treatment was deemed necessary. This soil had no odor or discoloration.

CERTIFICATION

I have reviewed this report and declare that the information included herein is true and accurate and complete to the best of my knowledge.

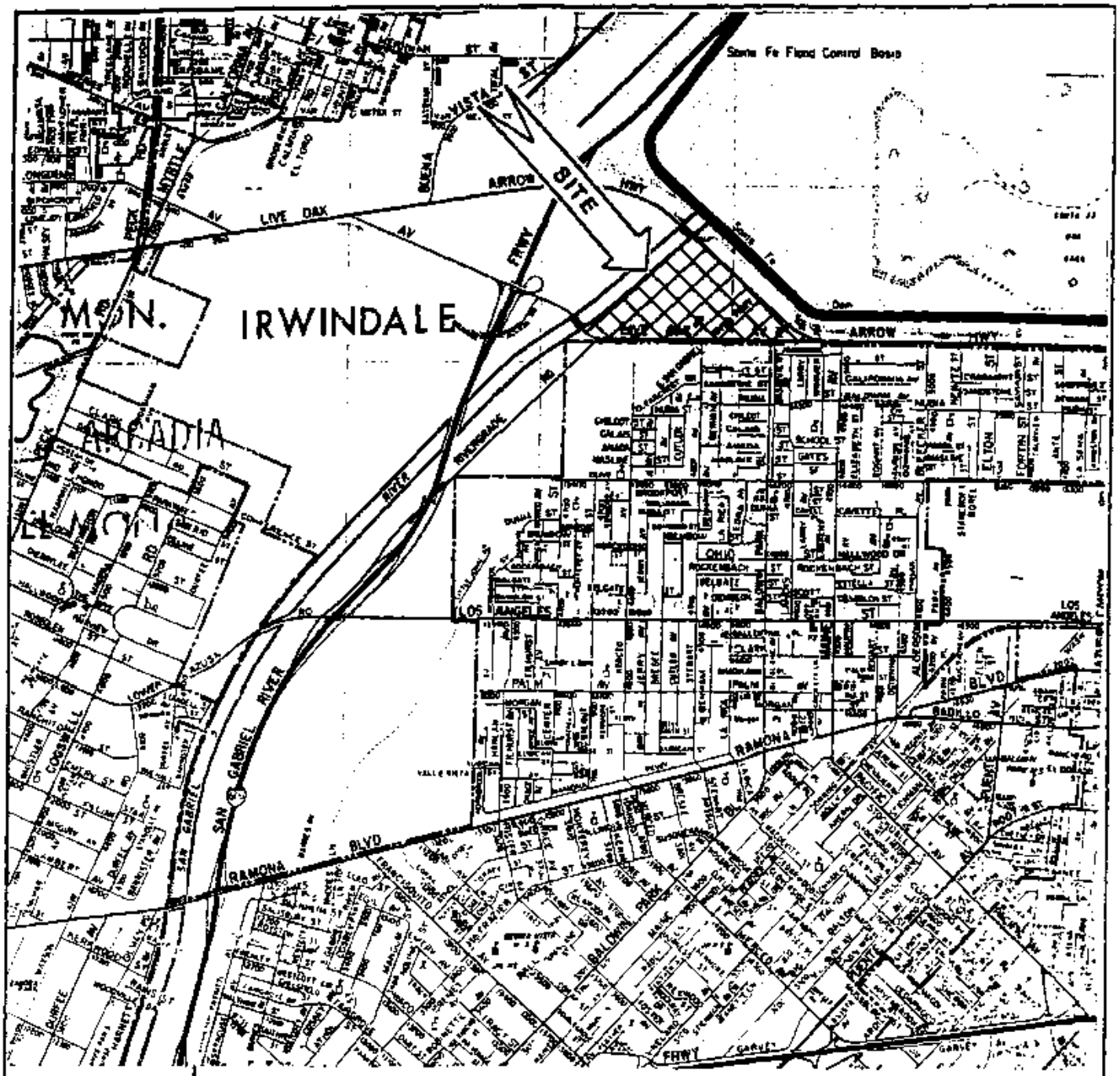
Signature Dennis E Jensen

Dennis E. Jensen
Senior Project Geologist



Attachments

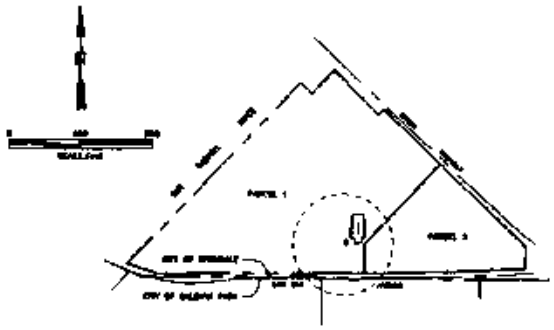
b:\s\ucp\closure.t2



"Reproduced with permission granted by THOMAS BROS. MAPS. This map is copyrighted by THOMAS BROS. MAPS. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without permission."

SITE LOCATION MAP

Project No.: 904W217A	Date: SEPT. 1991	Project: UCP REMEDIATION	Fig. 1



GARAGE

10,000 GALLON UNLEADED

10,000 GALLON DIESEL
DOUBLE-WALLED F/G

PARCEL 1

PARCEL 2

0 100 200
SCALE, feet

CITY OF IRWINDALE

LIVE OAK AVENUE

CITY OF BALDWIN PARK

GASOLINE AND DIESEL TANK LOCATIONS

Project No.: 914W217A	Date: 12-9-91	Project: UNITED CONCRETE PIPE-BALDWIN PARK	Fig.: 2

UCPGDT

Attachment A

Department of Public Works
Closure Report Requirements

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

Permit 7963 B
File 593 R/C 39
Fee $ 179
Check [X] Cash [ ]

OWNER: Name Mission-Kell I Phone
Mailing Address 818 W. 7th. st. ste 700 City Los Angele State CA Zip 900

FACILITY:
Occupant Name United Concrete Pipe Phone (714) 658-5251
Site Address 14041 E. Live Oak Ave. City Irwindale Zip 9170
Mailing Address SAME City SAME State CA Zip
Contact Person Bob Richardson Title

CONTRACTOR [X], complete below: OWNER/OPERATOR AS CONTRACTOR [ ]
Name J.D. Edwards Company Phone (818) 303-8775
State License No. 324262 Class C 61/D40

CLOSURE REQUESTED:
[X] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
one	Fiberglass	2 yrs.	10,000	Diesel Fuel
two*	Steel	2 yrs.	10,000	Unleaded Gas

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[ ]
Have structural repairs ever been made to these tanks?	[ ]	[ ]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[ ]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLO MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature John D Edwards Date 3-7-91
(Print Name) John D. Edwards Phone 818-303-8775
Owner [ ] Operator [ ] Contractor [X]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HER GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHE CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DAT BELOW.

T.A. TIDEMANSON
Director of Public Works

Rani Iyer 3/21/91

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.
6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Any observations of site contamination.
12. Remedial action plan to mitigate contamination.
13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

Signature John A Edwards Date 3-21-91

ld4/CRR

FIRE PREVENTION DIVISION

TANK REMOVAL VERIFICATION AND SITE LOG

GENERAL INFORMATION

Date 4/23/91 Permit # 7963 B

Tank Location 14041 E. LIVE OAK, IRWINDALE

Name of Contractor J. D. EDWARDS

Contractor State License # 324262 Telephone # 818/303-5775

TANK STABILIZATION

	Time Complete	Contractors Signature
1. Remaining Liquid Removed Through Product Lines	N/A - NO PRODUCT LINES - DIRECT FILL	
2. Dry Ice Added (15#/1,000 gal., attach receipt)	1:30 PM	
3. Date Gas Analyzer Last Tested (no more than 3 months old)	4/3/91	
4. L.E.L. and O2 Level Readings	L.E.L. 0% O2 21%	

EXCAVATION

Continuous monitoring of vapor concentrations around the excavation site is required, log readings below every 30 minutes.

Reading	Time	Signature
NONE DETECTED	6:00	John Edwards
" " " "	6:30	"
" " " "	7:00	
" " " "	7:30	

CERTIFICATION

Tank Identification # _____ EPA I.D. # CA 000 398 6718

Tank Size 2 - 10000 GAL 1 GAS 1 DIESEL Tank Type 1 STEEL / 1 FIBERGLASS

Tank Cleaned By KLEEN SEAL Signature _____

CERTIFIED INDUSTRIAL HYGIENIST OR CERTIFIED MARINE CHEMIST - ATTACH BUSINESS CARD

Name STEVE SPROT

Time Certified 1:15 PM 4/23/91 Signature _____

TRANSPORT - ATTACH COPY OF TRANSPORTATION MANIFEST

Tank Transported By _____ To AMR

NIETO & SONS TRUCKING, INC.

N.A.S.I., INC.

1281 Brea Canyon Road • Brea, CA 92621
Mail Address: P.O. Box B111 • Anaheim, CA 92802
Telephone: 714/635-2309 (24 Hours) • 714/990-6855 (Yard)

(1)

DAILY

DT 5279

JOB DATE 4/23/91 Tuesday

COMPANY SOLD TO	ORDER DATE	ORDER TIME	P.O. NUMBER
D. D. Eduards Co.	/ /		
CONTACT / TELEPHONE	ORDERED BY / TELEPHONE		
	LA County		
ADDRESS 1275 Clark St. Arcadia 91006	LEASE / JOBSITE 14010 Live Oak Ave. Irwindale		

DRIVER	SWAMPER	TRUCK NO.	TRAILER NO.	START TIME	HOURLY RATE
Lonnie Lodeiquo	Salamesa	209	189	6AM	$

DESCRIPTION OF WORK REQUESTED

1-10K gas 1-10K diesel (one is Fiberglass) 2 Loads
Suck & Haul Waste Water There 7AM TCE = 315 #
Degas (1) Haul by JDE.
Degas by Western by JDE. There 9AM
Clean by NAS = CR There 1130AM Cmfd YKN

ORDER/TIME REPORT

DATE	YARD DEPART	JOB ARRIVE	JOB DEPART	DUMP SITE ARRIVE	DUMP SITE DEPART	YARD ARRIVE	LUNCH	TOTAL HOUR
4/23/91	6AM	7:00	1:35					

WORK PERFORMED

MANIFEST # 2032/1034 GALLONS: 1600 SOLIDS %: 20% SLUDGE.

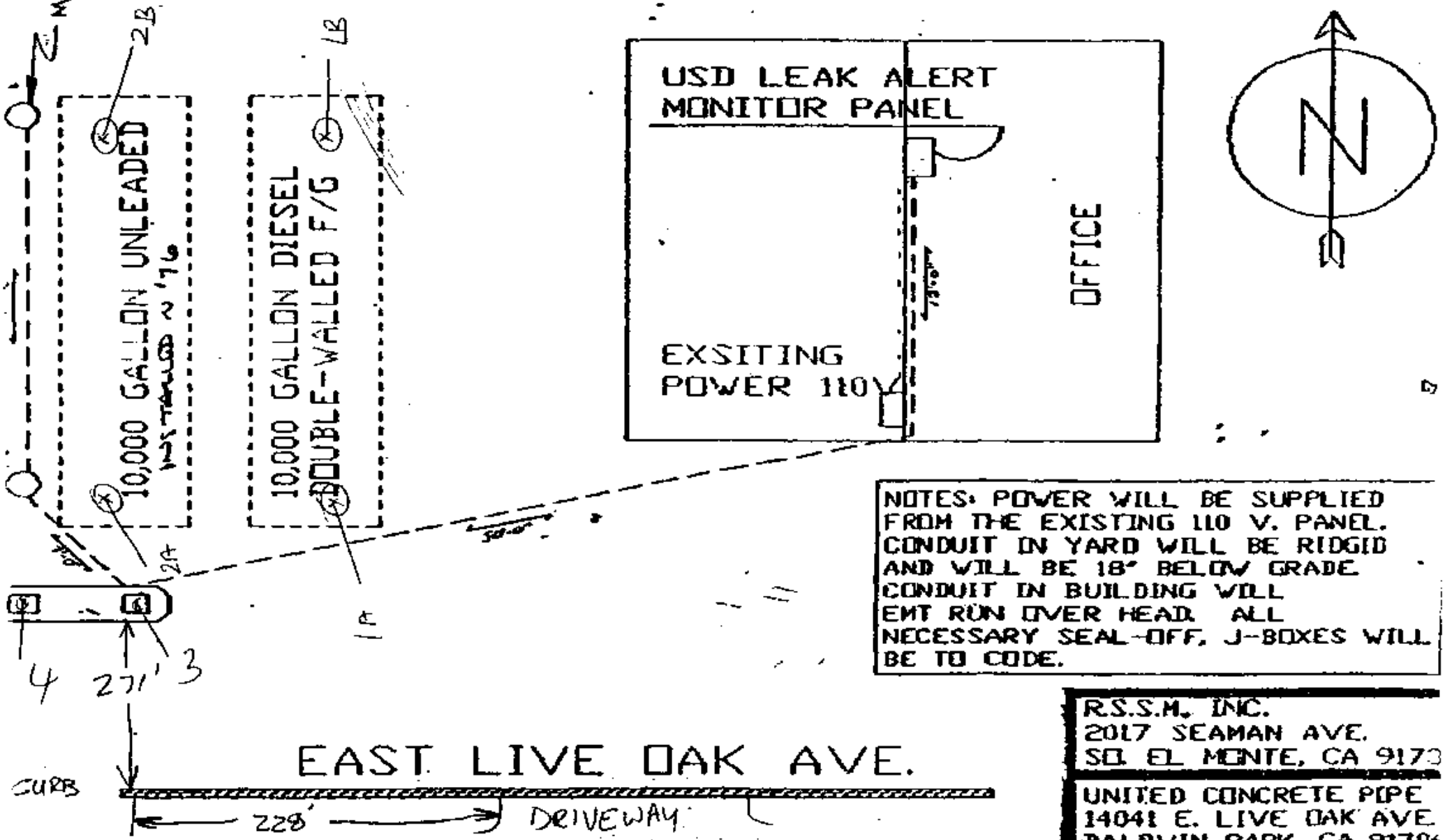
WASTE OIL WAS 3-K WITH 2½ FT. AND 1 FT. OF THAT SLUDGE. CUT TWO WINDOWS IN IT TO WASH. DRIVER THEN WASHED TANK FROM 7:00 - 10:30.
2-10K TANKS HAD SMALL AMOUNT OF SOLIDS.

TRUCK WASHED OUT	LUNCH TAKEN	TOTAL HOURS CHARGED	HOURLY RATE	TOTAL CHARGES
			$	$

DRIVER SIGNATURE	TRUCK NUMBER	CUSTOMER SIGNATURE	DATE
	209	X	4/23/91

*** 24 HOUR SERVICE ***

CUSTOMER COPY



NOTES: POWER WILL BE SUPPLIED FROM THE EXISTING 110 V. PANEL. CONDUIT IN YARD WILL BE RIDGID AND WILL BE 18" BELOW GRADE. CONDUIT IN BUILDING WILL EMT RUN OVER HEAD. ALL NECESSARY SEAL-OFF, J-BOXES WILL BE TO CODE.

R.S.S.M. INC.
2017 SEAMAN AVE.
SO. EL MONTE, CA 9173

UNITED CONCRETE PIPE
14041 E. LIVE OAK AVE.
BALDWIN PARK, CA 9170

Attachment B

Documentation of Removal, Certification and Proper Disposal of Tanks

Form Approved OMB No. 2050—0039 (Expires 9-30-91) T 9111

Please print or type. Form designed for use on elite (12-pitch typewriter).

See instructions on back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CA0003286718 — Manifest Document No.: 21034

2. Page 1 of 1

Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address: United Concrete Pipe, 11715 Clark St. Arcadia, Ca. 91006

4. Generator's Phone (818) 303-8775

A. State Manifest Document Number: 90321034

B. State Generator's ID:

5. Transporter 1 Company Name: NIETO AND SONS TRUCKING

6. US EPA ID Number: CAT050016116

C. State Transporter's ID: 114024

D. Transporter's Phone: 714-990-6855

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: DEMENNO KERDOON, 2000 N. ALAMEDA, COMPTON, CA 90222

10. US EPA ID Number: CAT080013352

G. State Facility's ID: CAT080013352

H. Facility's Phone: 213-537-7100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON RCRA HAZARDOUS WASTE LIQUID	001	TT	-1600	G	State 241; EPA/Other EXEMPT
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above: NO SMOKING; GLOVES / GOGGLES; EMERGENCY TELEPHONE (714) 990-6855; Site Fnd: 14010 [illegible] Irwindale

K. Handling Codes for Wastes Listed Above: a. R-01; b.; c.; d.

15. Special Handling Instructions and Additional Information

PETROLEUM RECYCLERS CAT080011059
1835 E. 29th STREET 213-595-7431
SIGNAL HILL, CA 90806

GIBSON OIL REFINERY CAD980883177
COMMERCIAL DRIVE 805-327-0413
BAKERSFIELD, CA 93308

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: FOR [illegible] DEAN KRAMER — Signature: [signature] — Month Day Year: 04 29 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year: 04 29 91

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: James P. Atco — Signature: [signature] — Month Day Year: 04 29 91

Do Not Write Below This Line

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90321034

DHS 8022 A
EPA 8700—22
Rev. 6-89) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

C1W05597

Certificate of Treatment/Recycling

ISSUED TO

United Conveyed Pipe

FOR

MANIFEST NUMBER 90321034 DATE RECEIVED 4-29-91

The aqueous waste received on the above manifest will be treated to standards mandated by the FEDERAL CLEAN WATER ACT and to effluent requirements established by the Sanitation Districts of Los Angeles County. Waste treatment and recycling is performed under permits granted to DeMENNO/KERDOON, a California corporation, by the California Department of Health Services, in coordination with the Environmental Protection Agency, in accordance with the provisions of the Resource Conservation and Recovery Act (RCRA) of 1976, together with applicable federal and state regulations including but not limited to waste discharge requirements established by the Sanitation Districts of Los Angeles County.

When the above described waste material is accepted by DeMENNO/KERDOON and treated/recycled and the aqueous phase discharged for further treatment by the Sanitation Districts, the certificate holder's responsibility for the waste material is eliminated under both RCRA and Proposition 65. Upon request, DeMENNO/KERDOON will issue this certificate that all waste material has been handled in accordance with applicable permits and the certificate holder's liability has been terminated.

DeMENNO/KERDOON

"Compliance Through Recycling"

By: Casey K. Yu 4-29-91

Date

Casey K. Yu, B.S., M.S.
Environmental Compliance Mgr.
Chief Chemist

2000 NORTH ALAMEDA STREET ☐ COMPTON ☐ CALIFORNIA ☐ 90222
(213) 537-7100 ☐ FACSIMILE (213) 639-2946

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Ave. #307
Harbor City, California 90710
(213) 530-5006

TANK REMOVAL CERTIFICATE #: 02410
Date: 4/23/91
Permit #: 7963B
Site: 14041 E LIVE OAK
EL WINDALE

TANK DESCRIPTION: FIBERGLASS CYLN
TANK SIZE: 10000 GAL
ADDRESS OF TANK: SAME ABOVE
LOCATION OF TANK: CORNER OF PROP.

CLIENT: J. D. EDWARDS

TANK CONTENTS (if known):
DIESEL FUEL

TANK NUMBER (if any): (1)
761178

RESULTS OF TANK INSPECTION: LEL 0% 12:30 4/23/91

The tank described above has been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank and no visible contamination has been observed except as noted below:

EXCEPTION: NONE

The tank described above is approved for removal and transportation.

INSPECTED BY: _____

CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1433 & 1973)

CTL ENVIRONMENTAL SERVICES
24404 S. Vermont Ave. #307
Harbor City, California 90710
(213) 530-5006

TANK REMOVAL CERTIFICATE #: 02409
Date: 4/23/91
Permit #: 7963B
Site: 14041 E LIVE OAK
IRWINDALE

TANK DESCRIPTION: STEEL CYLN
TANK SIZE: 10000
ADDRESS OF TANK: SURF ABOVE
LOCATION OF TANK: CENTER OF PROP.

CLIENT: J. D. EDWARDS

TANK CONTENTS (if known): GASOLINE (UNLEAD)

TANK NUMBER (if any): (2) 875403

RESULTS OF TANK INSPECTION: LEL 0% 1:15 PM 4/23/91

The tank described above has been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank and no visible contamination has been observed except as noted below:

EXCEPTION: NONE

The tank described above is approved for removal and transportation.

INSPECTED BY: _____

CERTIFIED BY: STUART E. SALOT, Ph.D., C.I.H.
CERTIFIED INDUSTRIAL HYGIENIST (#1433 & 1973)

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 36586

TANK DISPOSAL FORM

Date: 4-23 ,19 91
Job #
P. O. #

CONTRACTOR: J. D. EDWARDS
ADDRESS: 1121 CLARK AV., UNIT 110, ARCADIA, CA 9100[illegible]
JOB SITE: UNITED CONCRETE PIPE
ADDRESS: 14041 E. LIVE OAK, IRWINDALE, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY	LIC NO

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

TANK #8751403 – 10,000 Steel
TANK #7612178 – 10,000 Fiberglass

✓	Services Rendered	Cost
___	Disposal Fee	200.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	300.00
___	Fiberglass Tank Disposal Fee Per Tank	400.00
1	Fiberglass Tank Delivered	200.00
___	Bobtail Disposal Fee	250.00
___	Cancellation Fee	250.00
	TOTAL CHARGES	$200

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F* S*	NET TONS	TOTAL
	350	□ □	.14	
	500	□ □	.21	
	550	□ □	.24	
	1000 - 12 ft.	□ □	.44	
	1000 - 8 ft.	□ □	.61	
	1500	□ □	.87	
1	2000	□ ■	.97	.97
	2500	□ □	1.14	
	3000	□ □	1.32	
	4000	□ □	1.84	
	5000	□ □	2.42	
	6000	□ □	2.84	
	7500	□ □	3.26	
	8000	□ □	3.44	
	9000	□ □	3.82	
11	10000	■ □	4.33	4.33
	12000	□ □	4.80	

NO. OF TANKS	TOTAL	NET TONS
3		5.30
*F 1 FIBERGLASS	*S 2 STEEL TOP	

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP

4-23-91
DATE

CONTRACTOR COPY

Attachment C

Laboratory Reports and
Chain-of-Custody Forms

RECEIVED
MAY - 1 1991

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

April 30, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18399 A

LABORATORY REPORT

Samples Received: Six (6) Soil Samples
Date Received: 4-23-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Six (6) soils	Volatile Aromatics by EPA 8020	Data Sheets

B. Michael Hovanec
Senior Staff Chemist

for D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE
Dr. Alistaire Callender

Job # 18399
April 30, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
1A	ND
1B	186
~~S1-1~~	~~17,000~~ N/A to PERMIT 7963 (SEE PERMIT 8058)
~~S2-2~~	~~10,000~~ " " " " " "
Detection Limit	10

ND - Not Detected

Date Analyzed: 4-26-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

Sample No.	C_5-C_{10} Gasoline	C_7-C_{12} Mineral Spirits	C_7-C_{15} Kerosene	C_{10}-C_{20} Diesel Fuel	C_{20}-C_{30} Heavy Hydrocarbons
2A	ND	ND	ND	ND	ND
2B	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Date Analyzed: 4-24-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	2	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 29-Apr-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	79	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 26-Apr-91
Analysis: EPA 602 (8020)

Sample: 1A
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	1	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	85	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 1B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	1	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	107	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 2A
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	4 B	1
Surrogate Percent Recovery:	80	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18399
Date Analyzed: 27-Apr-91
Analysis: EPA 602 (8020)

Sample: 2B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	83	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 4/22/91

PROJECT NAME: UCP - Remediation

PROJECT NO.: 904W217 A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1A U	" 1	↓	↓	↓	↓	↓	418.1 8020
1B V	" 1	↓	↓	↓	↓	↓	418.1 8020
2A U	" 2	↓	↓	↓	↓	↓	8015 8020
2B U	" 2	↓	↓	↓	↓	↓	8015 8020

N/A [illegible] PERM[illegible] [illegible] (SEE [illegible]

Total Number of Samples Shipped: 1

Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature [illegible] Printed Name [illegible] Company [illegible] Reason [illegible]	Signature R Northington Printed Name R Northington Company WHAS, INC. 1839.9	Date 4/23/91 Time 3:11 pm
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time

Special Shipment / Handling / Storage Requirements:

* Note — This does not constitute authorization to proceed with analysis

LA/OR-0183-421

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

May 9, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18479 A

LABORATORY REPORT

Samples Received: Nine (9) Soil Samples
Date Received: 5-3-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Two (2) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Two (2) soils	Fuel Hydrocarbons by Modified EPA 8015 (LUFT Manual, April 1989)	Table 2
Two (2) soils	Volatile Aromatics by EPA 8020	Data Sheets
Three (3) soils	Volatile Organics by EPA 8260	Data Sheets
Three (3) soils	Surrogate Percent Recoveries for EPA 8260	Data Sheet

B. Michael Hovanec
Senior Staff Chemist

Michael Shelton
Technical Director

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE
Dr. Alistaire Callender

Job # 18479
May 9, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
T-20A	ND
T-25A	ND
Detection Limit	10

ND - Not Detected

Date Analyzed: 5-6-91

TABLE 2

Parts Per Million (mg/Kg)

Fuel Hydrocarbons by Modified EPA 8015
(LUFT Manual, April 1989)

N/A To Tank Permit

Sample No.	C_5-C_{10} Gasoline	$C_{7}-C_{12}$ Mineral Spirits	C_7-C_{15} Kerosene	$C_{15}-C_{20}$ Diesel Fuel	$C_{20}-C_{30}$ Heavy Hydrocarbons
7A	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Sample ID	C_5-C_{20} Hydrocarbons	$C_{20}-C_{30}$ Heavy Hydrocarbons
18A	120	110
Detection Limit	10	100

Cannot positively identify.

ND-Not Detected
Date Analyzed: 5-6-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18479
Date Analyzed: 06-May-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2	1
Total Xylenes	3	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18479
Date Analyzed: 06-May-91
Analysis: EPA 602 (8020)

Sample: T-20B
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	1	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	2	1
Toluene	2 B	1
Total Xylenes	5 B	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	T-25B
Job No:	18479		
Date		Matrix:	Soil
Analyzed:	06-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2 B	1
Total Xylenes	2 B	1
Surrogate Percent Recovery:	76	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 5/13/11

PROJECT NAME: UCF-Remediation

PROJECT NO.: 90410217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] tube	[illegible]	[illegible]	[illegible]
[illegible]	↓	↓	[illegible]				[illegible]
[illegible]	↓	↓	↓				[illegible]
[illegible]	↓	↓	↓				[illegible]
[illegible]	[illegible]	↓	↓				[illegible]
7A	[illegible]	↓	↓				2015
7[illegible]	[illegible]	↓	↓				[illegible]
[illegible]	[illegible]	↓	↓				2015
[illegible]	[illegible]	[illegible]	[illegible]				[illegible]

Total Number of Samples Shipped: 9 | Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature [illegible] Printed Name [illegible] Company [illegible] Reason [illegible]	Signature [illegible] Printed Name [illegible] Company WCAS #18479	Date 5/13/11 Time [illegible]
Signature Printed Name Company Reason	Signature Printed Name Company	Date / / Time
Signature Printed Name Company Reason	Signature Printed Name Company	Date / / Time
Signature Printed Name Company Reason	Signature Printed Name Company	Date / / Time

Special Shipment / Handling / Storage Requirements:

Please call [illegible] before [illegible]

[illegible]

* Note — This does not constitute authorization to proceed with analysis

LA/OR-0183-421

WEST COAST
ANALYTICAL
SERVICE, INC.
ANALYTICAL CHEMISTS

May 10, 1991

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Dr.
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 18517 A

LABORATORY REPORT

Samples Received: Eight (8) Soil Samples
Date Received: 5-9-91
Purchase Order No: Proj#: 904W217A/UCP Remediation

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Four (4) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table 1
Four (4) soils	Volatile Aromatics by EPA 8020	Data Sheets

Michael Shelton
Technical Director

D. J. Northington, Ph.D.
President

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225 • FAX 213/948-5850

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 18517
May 10, 1991

LABORATORY REPORT

TABLE 1

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons by EPA 418.1
1B-E1	ND
1B-N1	ND
1B-S1	ND
1B-W1	ND
Detection Limit	10

ND - Not Detected

Date Analyzed: 5-10-91

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 09-May-91
Analysis: EPA 602 (8020)

Sample: LAB BLANK
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 09-May-91
Analysis: EPA 602 (8020)

Sample: 1B-E1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	90	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 10-May-91
Analysis: EPA 602 (8020)

Sample: 1B-N1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client: WOODWARD-CLYDE CONSULTANTS
Job No: 18517
Date Analyzed: 10-May-91
Analysis: EPA 602 (8020)

Sample: 1B-S1
Matrix: Soil
Samp Amt: 1 gm
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	ND	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	86	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Client:	WOODWARD-CLYDE CONSULTANTS	Sample:	1B-W1
Job No:	18517		
Date		Matrix:	Soil
Analyzed:	10-May-91	Samp Amt:	1 gm
Analysis:	EPA 602 (8020)	Dil Fact:	1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Chlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
Ethylbenzene	ND	1
Toluene	2	1
Total Xylenes	ND	1
Surrogate Percent Recovery:	100	

ND-Not Detected. The limit of detection is reported above.

B-Indicates that the compound was found in the sample and the blank, and the value is reported without blank subtraction.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: _____

PAGE 1 OF 1

DATE 5/9/91

PROJECT NAME: UCP Remediation

PROJECT NO.: 90-W217A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
1B-W1	[illegible]	[illegible]	grab	[illegible]	[illegible]	[illegible]	[illegible]
1B-W2	↓	↓	↓	↓	↓	↓	↓
1B-E1	↓	↓	↓	↓	↓	↓	↓
1B-E2	↓	↓	↓	↓	↓	↓	↓
1B-N1	↓	↓	↓	↓	↓	↓	↓
1B-N2	↓	↓	↓	↓	↓	↓	↓
1B-S1	↓	↓	↓	↓	↓	↓	↓
1B-S2	↓	↓	↓	↓	↓	↓	↓

Total Number of Samples Shipped: 8 | Sampler's Signature: [illegible]

Relinquished By:	Received By:	Date / Time
Signature [illegible] Printed Name [illegible] Company WCC Reason [illegible]	Signature [illegible] Printed Name [illegible] Company [illegible] B18517	Date 5/9/91 Time 11:35
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time
Relinquished By: Signature Printed Name Company Reason	Received By: Signature Printed Name Company	Date / / Time

Special Shipment / Handling / Storage Requirements:

[illegible]

* Note — This does not constitute authorization to proceed with analysis

EP-1
~~023305-032523~~
000590 - 000593

Sept 26
~~August 2~~, 2000

Dear Mr. ~~Orban~~:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
SITE INVESTIGATION PROPOSAL AND/OR REMEDIAL ACTION PLAN
FACILITY AT: ~~16102 GLADSTONE ST.~~, IRWINDALE (3S)
14041 E. LIVE OAK AVE.,

The revised site investigation proposal and/or remedial action plan dated ~~July 26,~~ Aug 10, 2000, for the above facility has been reviewed by this office and found adequate. You may proceed with the plan as proposed unless otherwise indicated below.

You are cautioned that any contaminated soils or hazardous materials generated during the approved operation must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.5, unless evidence is presented indicating that the materials may be disposed of at a less restricted facility. Copies of all completed manifests shall be submitted to this office as part of the final report.

[ ] A Hazardous Waste Facility Permit or a Variance from permit requirements must be obtained from the State Department of Health Services and copies submitted to this office before commencing the proposed remedial action.

[X] NOTE: Sample for TPHD/BTEX/MTBE/TRPH at 10' intervals using 8015(m), 8020 and 418.1. Drill four borings to 40' bgs each, two at former tank area and two at former mechanic's work pit; with at least one slant boring at each location. Additionally, provide $247.00, for added review of pit area.

A written report containing the required information must be submitted to this office by August 31, 2000.

If you have any questions regarding this matter, please contact Mr. Iheanacho Ofo of this office at (626) 458-3512, Monday through Thursday, 7:00 a.m. to 5:30 p.m.

Very truly yours,

HARRY W. STONE
Director of Public Works

By _____
Environmental Programs Division

IO:nh
ADIS\ORBAN
[redacted]

cc: Harrison/Roberts Environmental Management (Robert Blankenship)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

DONALD L. WOLFE, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE EP-1
000590-000593

September 14, 2005

Mr. John Powell
The Realty Associates Fund V, L.P.
1301 Dove Street, Suite 860
Newport Beach, CA 92660-2440

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE CERTIFICATION
CLOSURE APPLICATION NO. 7963B
FACILITY LOCATED AT 14005 EAST LIVE OAK AVENUE, IRWINDALE (3S)

C456727

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the California Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the California Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the California Health and Safety Code.

If you have any questions, please contact Mr. Iheanacho Ofo, of this office, at (626) 458-3512, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

DONALD L. WOLFE
Director of Public Works

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

IO:my
P:\Sec\Powell\C454470

cc: California Regional Water Quality Control Board (Yue Rong)
URS Corporation (Taras B. Kruk)

County of Los Angeles
Department of Public Works
Environmental Programs Division
Underground Storage Tank Program

Site-File Number:
590-593
Previous Site-File Number(s) (if any):

Underground Storage Tank
Case Review Form

Case Reviewer:	Unit Head:
IHEANACHO OFO	MANNY REGALADO
Date: SEPTEMBER 15, 2005	Date:

TANK Closure? NO	Non TANK Closure? NO Yes	No. of USTs: N/A
Site Address: 14005 E LIVE OAK AVE, IRWINDALE, CA	Responsible Party: THE REALTY ASSOC FUND V, 1301 DOVE ST, STE 860, NEWPORT BEACH, CA 92660-2440	Is Closure Required? Yes/No/NA YES
		NFA Issued? Yes/No/NA YES

Closure Report?	YES	Remedial Action Workplan?	N/A
Site Assessment Workplan?	N/A	Remedial Action Report?	N/A
Site Assessment Report?	Yes	Quarterly Monitoring Report?	N/A

Unauthorized Release Been Filed w/RWQCB? Yes | Los Angeles / Lahontan RWQCB? LA | DPW CLUP #:

I. CASE INFORMATION (N/A = Not Applicable)

UST No.	Size in Gal.	Contents	Closed in-place/removed/active?	Date	App/Perm #	Status
1						
2						
3						
4						
5						
6						
7						
8						
9						
10[1]						

[1] If more USTs have been permitted, list separately.

II. SITE CHARACTERIZATION INFORMATION (GW=groundwater, – =Not Reported)

Depth to groundwater: UNK	GW highest depth:	Is groundwater impacted? Yes/No/Unknown	Has the site been or is it now a RWQCB Case? (Yes/No/History)
Well location/number:	GW lowest depth:	Soil Types: UNK TYP IRWINDALE CATEGORY	Max soil depth sampled: 30-40'BGS

III. SOIL/WATER SAMPLING

Samples collected per closure permit/ workplan? YES	Samples collected, preserved, analyzed using EPA Method 5035 Guidelines?
Chain of Custody Correct? YES	Approved Laboratory Methods Used and on ELAP Laboratory Letterhead? YES
Laboratory Minimum Detection Limits meet RWQCB Guidelines? OK	QA/QC in order? OK

Staff Initial/Date: IEO/ 9-15-05	Name/Address: CITY OF COVINA PUBL WORKS	Site-File Number : 590-593

IV. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS–Initial and Latest (ND=non-detect, NRQ=Not required)

Contaminant	Soil		PRGs[2]		Soil Screening Levels (mg/kg)	Water		MCLs (mg/L)[3]
	Initial (date)	Latest (2000)	Residential (mg/kg)	Industrial (mg/kg)	Depth (ft) = Type of soil =	Initial (date)	Latest (date)	MCLs as of 09/12/03
TPH (gas)	ND	ND	NA	NA	500			NA
TPH (diesel)	nd	ND	NA	NA	1,000			NA
TRPH (w/o)	ND	ND	NA	NA	1,000			NA
Benzene	ND	ND	0.600	1.3	0.002			0.001
Toluene	ND	ND	520	520	0.600			0.150
Ethylbenzene	ND	ND	8.9	8.9	0.700			0.300
Xylenes	ND	ND	270	420	10.000			1.750
MTBE	N/A	ND	62	160	0.005			0.013
DIPE	N/A	ND	NA	NA	NA			NA
ETBE	N/A	ND	NA	NA	NA			NA
TAME	N/A	ND	NA	NA	NA			NA
TBA	ND	ND	NA	NA	NA			NA
Ethanol	ND	ND	NA	NA	NA			NA
OTHER*	ORG LD 5.5 PPM							

[2] PRGs = USEPA Region 9 Preliminary Remedial Goals [3] California Department of Health Services Maximum Contaminant Levels in groundwater - 09/12/03

V. FREE PRODUCT

Was free product encountered: NO	Duration of remediation:
Waste manifest document:	Soil disposal volume:

VI. SOIL REMEDIATION

Method: N/A	Duration of remediation:
Waste manifest document:	Soil disposal volume:

VII. RECOMMENDED ACTION

Soil Closure only: YES	Case Closure: YES	Solvent Case:
Additional action required (i.e.: additional site assessment, remediation, monitoring):		Referral to RWQCB? N/A

VIII. COMMENTS AND JUSTIFICATION FOR RECOMMENDED ACTION

REPORT WAS FOR DUE DILIGENCE WORK COS OF PENDING REAL ESTATE TRANSACTION
NO FURTHER ACTION REQD
BORINGS DONE WERE ALL ND'S UP TO REFUSALS ENCOUNTERED EXCEPT ORG LD (NEGLI)

IX. ELECTRONIC DELIVERABLE FORMAT (EDF) SUBMISSION TO GEOTRACKER: N/A

Has electronic data reporting requirement been met? YES (PNDG UPLOAD BY LAB)

X. AB 681 REQUIREMENT (Land Owner Notification)

Have landowner or impacted site notification requirements been met? YES
Owner :
Pre-Closure letter sent date:
Responsible Party:

XI. ALL PERMIT FEES PAID? YES X NO

XII. CLOSURE CERTIFICATION – NO FURTHER ACTION ISSUED: YES

(1)

PROVISIONAL PERMIT APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION
2250 ALCAZAR STREET LOS ANGELES, CA 90033

THIS FORM MUST ACCOMPANY ALL HMUSP APPLICATIONS
*****See instructions on back of this form****

DUE DATE

FILE NO 593
PERMIT NO 268A
R/C CODE 35
SIC CODE
STATE ID#
TGP TGC

IF NO UNDERGROUND TANKS AT THIS FACILITY, GO TO F.

(A) United Concrete Pipe Division
FACILITY NAME
P. O. Box 429
FACILITY ADDRESS
Baldwin Park CA 91706
CITY STATE ZIP
14041 East Live Oak Avenue
FACILITY LOCATION

(B) APPLICATION FOR (CHECK ONE ONLY):

EXISTING TANKS	[X]
NEW CONSTRUCTION	[ ]
REPAIR*[ ] MODIFICATION*	[ ]
ADDITIONAL INSTALLATION*	[X]
CHANGE OF MATERIAL STORED*	[ ]

*ADDITIONAL APPROVAL

(C) ASSESSOR PARCEL IDENTIFICATION (OBTAIN FROM PROPERTY TAX BILL):

MAP BOOK NUMBER 6 PAGE NUMBER 80-82 (inclusive) PARCEL NUMBER 1
Map Book Number 2 Page Number 560 & 561 Parcel Number 2

(D) THIS SUPPLEMENT MUST BE ACCOMPANIED BY:

EXISTING TANK APPLICATIONS

* STATE PERMIT APPLICATION FORM(S) FOR EACH CONTAINER, OR	[ ]
COPIES OF H.S.S.S. AS FILED WITH STATE (FOR EACH CONTAINER)	[ ]
* A STATEMENT VERIFYING SAFE STORAGE FOR EACH CONTAINER	[ ]
* HMUSP APPLICATION FEE (COMPLETE PART E)	[ ]

NEW CONSTRUCTION APPLICATIONS

* STATE PERMIT APPLICATION FORM(S) FOR EACH CONTAINER	[ ]
* FOUR (4) SETS OF CONSTRUCTION PLANS AND SPECIFICATIONS	[X]
* HMUSP APPLICATION FEE (COMPLETE PART E)	[ ]

(E) HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT (HMUSP) FEE SCHEDULE

NUMBER OF TANKS AT FACILITY: NO 6

NUMBER OF TANKS:	HMUSP APPLICATION FEE	+	STATE SURCHARGE	=	TOTAL FEES DUE
1 - 5	$76	+	$56 PER TANK	=	~~132~~
6 - 20	$152	+	$56 PER TANK	=	
21 OR MORE	$228	+	$56 PER TANK	=	
ADDITIONAL APPROVALS	$38 EACH TANK		NONE	=	$38

EXAMPLE: 6 TANKS = $152 + 6($56) = $488 = TOTAL FEES DUE
MAKE CHECKS PAYABLE TO "L. A. COUNTY DEPARTMENT OF PUBLIC WORKS"

(F) TO BE FILLED OUT BY PERSONS CLAIMING AN EXEMPTION TO REGULATION

[ ] THERE ARE NO UNDERGROUND STORAGE TANKS WITHIN THIS FACILITY.
[ ] **FINAL** INTERCEPTOR(S) REGULATED UNDER INDUSTRIAL WASTE PERMIT #_____.
[ ] UNDERGROUND STORAGE TANK WITHIN THIS FACILITY IS USED **ONLY** FOR THE EMERGENCY SPILL CONTAINMENT FOR ABOVE GROUND STORAGE TANKS.
[ ] OTHER (ATTACH A WRITTEN STATEMENT)

(G) ALL PERSONS FILING THIS FORM MUST COMPLETE THIS SECTION:

SIGNATURE H. C. Lamborn TITLE Manager - Technical Services

PRINTED NAME H. C. Lamborn DATE April 7, 1980

INSTRUCTIONS

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT (HMUSP)
PERMIT APPLICATION SUPPLEMENT

DO NOT USE THIS FORM FOR CLOSURE, TRANSFER OR RENEWAL OF AN EXISTING HMUSP

(A) Facility name, mailing address and facility address on new permit applications must correspond with information on Part II of the State Permit Application (SPA) form. Please correct mailing label information if affixed for an existing facility.

(B) Use a separate application supplement for each permit activity. Check the new construction box only if there are no existing tanks and no previous HMUSP has been issued for this facility. Additional approval applications must be accompanied by a description of work and four (4) sets of plans and specifications as appropriate. Additional approval requests that change data previously supplied on Parts IV through VIII of the Hazardous Substance Storage Statement (HSSS) as filed with the California Water Resources Control Board or the SPA as filed with a County of Los Angeles HMUSP application shall include an updated SPA. The container number on the updated SPA must correspond with the previous number submitted.

(C) Assessor parcel identification is required for new permit applications at existing facilities and new construction (no existing HMUSP) applications only.

(D) The information required in Part D is the minimum necessary to allow issuance of a Provisional HMUSP. When a Provisional HMUSP has been issued for a facility, the owner will be required to submit for review and approval a facility plot plan, Leak Detection Program (LDP) and a Tank Monitoring Program (TMP) to be implemented in accordance with a timetable to be included within the Provisional HMUSP as conditions and limitations. New construction plans and specifications must show the location of and include details of all containers and monitoring devices proposed. A TMP must be approved and implemented prior to the issuance of a full term HMUSP.

(E) A HMUSP application fee must accompany all applications. The state surcharge is required for first time HMUSP applications (not required for additional approvals). Specify the number of tanks at the facility.

(F) Persons that have been notified to file for a HMUSP and do not store any hazardous materials underground should check the appropriate box and return this form to avoid any unnecessary follow-up mailings.

The storage of hazardous waste in an underground tank where the specific tank is named in a hazardous waste facility permit issued by the California Department of Health Services is not subject to the HMUSP requirements. Owners of such facilities must furnish the permit number for facilities where this exclusion is requested.

Final interceptors in industrial waste pretreatment systems, catch basins, refinery pipelines, lagoons, stormdrains, oil field gathering lines, well cellars, above ground storage tank spill containment, unlined pits or sumps, and piping not directly associated with a permitted facility are not subject to a HMUSP.

(G) Existing facility and new construction HMUSP application supplements and SPA's must be signed by:

1) A principal executive officer at the level of vice-president or by an authorized representitive. The representitive must be responsible for the overall operation of the facility where the tank(s) are located.
2) A general partner proprietor.
3) A principal executive officer, ranking elected official or authorized representitive of a public agency.

Additional approval application supplements may be signed by a person under contract to and authorized by the owner/operator of a facility.

STATE ID NUMBER

APPLICATION FOR PERMIT TO OPERATE UNDERGROUND STORAGE TANK

XX 01 NEW PERMIT	( ) 05 RENEWED PERMIT	( ) 07 TANK CLOSED	( ) 09 DELETE FROM FILE (NO FEE)
( ) 02 CONDITIONAL PERMIT	( ) 06 AMENDED PERMIT	( ) 08 MINOR CHANGE (NO SURCHARGE)	

I OWNER

NAME(CORPORATION,INDIVIDUAL OR PUBLIC AGENCY)	PUBLIC AGENCY ONLY
United Concrete Pipe Division- U. S. Pipe & Foundry Company	( ) 01 FED ( ) 02 STATE ( ) 03 LOCAL

STREET ADDRESS	CITY	STATE	ZIP
14041 East Live Oak Avenue	Irwindale	CA	91708

II FACILITY

FACILITY NAME	DEALER/FOREMEN/SUPERVISOR
United Concrete Pipe	D. H. Wadley - Plant Manager
STREET ADDRESS: 14041 East Live Oak Avenue	NEAREST CROSS STREET: Baldwin Park Blvd.
CITY: Irwindale	COUNTY: Los Angeles — ZIP: 91708
MAILING ADDRESS: P. O. Box 429	CITY: Baldwin Park — STATE: CA — ZIP: 91706
PHONE W/AREA CODE: - -(818) 337-1211	TYPE OF BUSINESS: ( ) 01 GASOLINE STATION (X) 02 OTHER Manufacturing Plant

NUMBER OF CONTAINERS	RURAL AREAS ONLY :	TOWNSHIP	RANGE	SECTION
1				

III 24 HOUR EMERGENCY CONTACT PERSON

DAYS: NAME(LAST NAME FIRST) AND PHONE W/AREA CODE	NIGHTS: NAME(LAST NAME FIRST) AND PHONE W/AREA CODE
D. H. Wadley - -(818) 337-1211	Guard - -(818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV DESCRIPTION

A. (X) 01 TANK ( ) 02 OTHER:	CONTAINER NUMBER #9
B. MANUFACTURER (IF APPROPRIATE): XERXES — YEAR MFG: 1986	C. YEAR INSTALLED APPROVAL OF PLANS ( ) UNKNOWN
D. CONTAINER CAPACITY: 10,000 GALLONS ( ) UNKNOWN	E. DOES THE CONTAINER STORE: ( ) 01 WASTE (X) 02 PRODUCT

F. DOES THE CONTAINER STORE MOTOR VEHICLE FUEL OR WASTE OIL ? ( ) 01 YES ( ) 02 NO IF YES CHECK APPROPRIATE BOX(ES):
( ) 01 UNLEADED ( ) 02 REGULAR ( ) 03 PREMIUM (X) 04 DIESEL ( ) 05 WASTE OIL ( ) 06 OTHER

V CONTAINER CONSTRUCTION

A. THICKNESS OF PRIMARY CONTAINMENT: ( ) GAUGE ( ) INCHES ( ) CM ( ) UNKNOWN

B. ( ) 01 VAULTED (LOCATED IN AN UNDERGROUND VAULT) (X) 02 NON-VAULTED ( ) 03 UNKNOWN

C. (X) 01 DOUBLE WALLED ( ) 02 SINGLE WALLED ( ) 03 LINED

D. ( ) 01 CARBON STEEL ( ) 02 STAINLESS STEEL (X) 03 FIBERGLASS ( ) 04 POLYVINYL CHLORIDE ( ) 05 CONCRETE
( ) 06 ALUMINUM ( ) 07 STEEL CLAD ( ) 08 BRONZE ( ) 09 COMPOSITE ( ) 10 NON-METALLIC
( ) 12 UNKNOWN ( ) 13 OTHER:

STATE ID NUMBER

CONTAINER CONSTRUCTION

E. ( ) 01 RUBBER LINED ( ) 02 ALKYD LINING ( ) 03 EPOXY LINING ( ) 04 PHENOLIC LINING ( ) 05 GLASS LINING
( ) 07 UNLINED ( ) 08 UNKNOWN ( ) 09 OTHER:

F. ( ) 01 POLYETHLENE WRAP ( ) 02 VINYL WRAPPING ( ) 03 CATHODIC PROTECTION ( ) 04 UNKNOWN ( ) 05 NONE
( ) 06 TAR OR ASPHALT ( ) 09 OTHER:

VI PIPING

A. ABOVEGROUND PIPING: ( ) 01 DOUBLE-WALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY
(CHECK APPROPRIATE BOX(ES) ( ) 04 PRESSURE ( ) 05 SUCTION ( ) 06 UNKNOWN ( ) 07 NONE

B. UNDERGROUND PIPING: ( ) 01 DOUBLE-WALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY
(CHECK APPROPRIATE BOX(ES) ( ) 04 PRESSURE (X) 05 SUCTION ( ) 06 UNKNOWN ( ) 07 NONE

VII LEAK DETECTION

( ) 01 VISUAL ( ) 02 STOCK INVENTORY ( ) 04 VAPOR SNIFF WELLS ( ) 05 SENSOR INSTRUMENT
( ) 06 GROUND WATER MONITORING WELLS ( ) 07 PRESSURE TEST ( ) 09 NONE ( ) 10 OTHER:

VIII CHEMICAL COMPOSITION OF MATERIALS STORED IN UNDERGROUND CONTAINERS

IF YOU CHECKED YES TO IV-F YOU ARE NOT REQUIRED TO COMPLETE THIS SECTION

CURRENTLY STORED	PREVIOUSLY STORED	DELETE	CAS# (IF KNOWN)	CHEMICAL (DO NOT USE COMMERCIAL NAME)
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		

IS CONTAINER LOCATED ON AN AGRICULTURAL FARM? ( ) 01 YES ( ) 02 NO

THIS FORM HAS BEEN COMPLETED UNDER THE PENALTY OF PERJURY AND, TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

PERSON FILING (SIGNATURE)		PHONE W/AREA CODE
H. C. Lamborn	H. C. Lamborn	(818) 337-1211

FOR LOCAL AGENCY USE ONLY

ADMINISTRATING AGENCY	CITY CODE	COUNTY CODE
Los Angeles County Dept of Public Works		19

CONTACT PERSON	PHONE W/AREA CODE
Carl Sjoberg	(213) 226-4000

DATE OF LAST INSPECTION	IN COMPLIANCE	PERMIT APPROVAL DATE	TRANSACTION DATE	LOCAL PERMIT ID #
	( ) 01 YES ( ) 02 NO			

Permit Application

This form constitutes a tank assessment statement (TAS) when accompanied by a Hazardous Materials Underground Storage Permit (HMUSP) application within the jurisdiction of L. A. County, Department of Public Works, Sanitation Division.

☐ 01 New Permit ☐ 02 Provisional Permit	☐ 03 Installed before July 1, 1984 ☒ 04 Installed after July 1, 1984	☐ 05 Renewed Permit	☒ 06 Amended Permit

I Owner

Name (Corporation, Individual or Public Agency)			
United Concrete Pipe Division - U. S. Pipe and Foundry Co.			
Street Address	**City**	**State**	**ZIP**
14041 E. Live Oak Avenue	Irwindale	CA	91708

II Facility

Facility Name	Owner, Foreman, Supervisor	
United Concrete Pipe	D. H. Wadley - Plant Manager	
Street Address		**Nearest Cross Street**
14041 E. Live Oak Avenue		Baldwin Park Blvd.
City	**County**	**ZIP**
Irwindale, CA	Los Angeles	91708
Mailing Address	**City**	**State** / **ZIP**
P.O. Box 429	Baldwin Park	CA / 91706
Phone w/ area code	**Type of Business**	
1-(818) 337-1211	☐ 01 Gasoline Station ☒ 02 Other Manufacturers Plant	
NUMBER OF CONTAINERS AT THIS FACILITY	**Rural Areas Only: Township**	**Range** / **Section**
6		

III 24 Hour Emergency Contact Person

Days: Name (last name first) and Phone w/ area code	Nights: Name (last name first) and Phone w/ area code
D.H. Wadley 1-(818) 337-1211	Guard 1-(818) 337-1211

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A ☒ 01 Tank ☐ 02 Other _____ — **Container Number** (if more than one, number consecutively): 9

B Manufacturer (if appropriate) Xerxes/Century Cast — Year of Mfg 1986 — C Year Installed 1986 ☐ Unknown

D. Container Capacity 10,000 gallons ☐ Unknown — E Does the Container Store (Check One) ☐ 01 Waste ☒ 02 Product

F Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes Check appropriate box(es)

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☒ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List) _____

If you answered yes; do not complete Part VIII.

V Container Construction

A Thickness of Primary Containment 7/16 ☐ Gauge ☒ Inches ☐ cm ☐ Unknown

B ☐ 01 Vaulted (Located in an underground Vault) ☒ 02 Non-vaulted ☐ 03 Unknown

C ☒ 01 Double Walled ☐ 02 Single Walled ☐ 03 Lined

D ☐ 01 Carbon Steel ☐ 02 Stainless Steel ☒ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other: _____

CNI MANUFACTURING

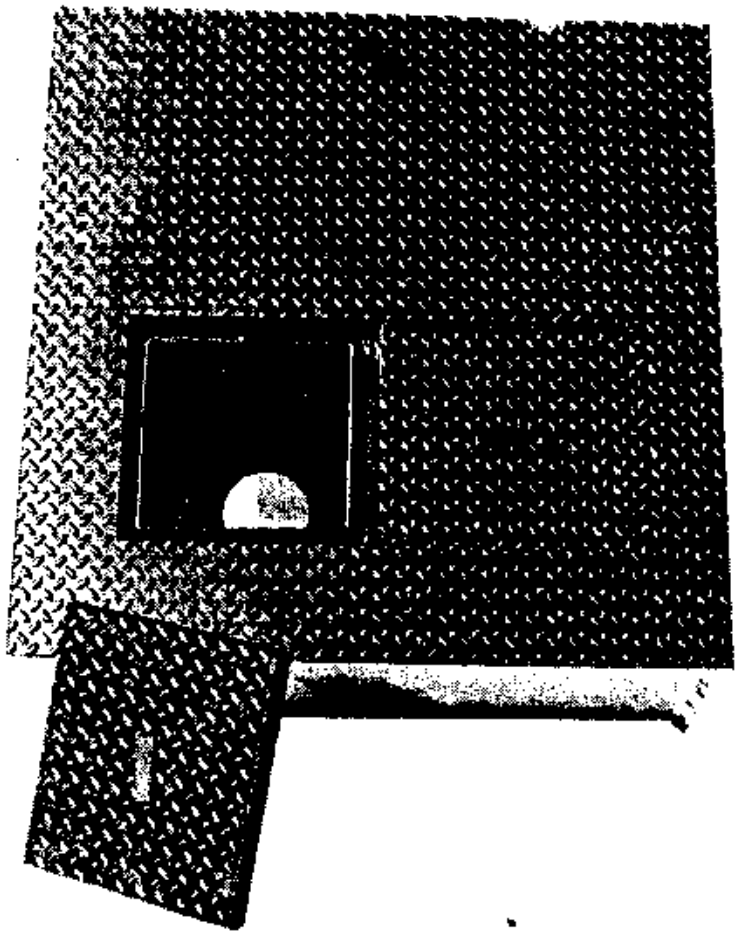
FIL-SPIL CONTAINMENT BOX

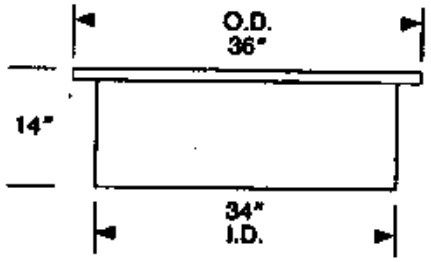
SPECIFICATIONS:
MANHOLE SKIRT: 36" x 36" x 15"—14 gauge galvanized with reinforced 14 gauge channels.
COVER: 3/8" floor plate with 2½" x 13" fill covers, reinforced with withstand tanker weight.
FILL COVERS: Pull handles for easy removal.
POPPET VALVE ASSEMBLY: Spring-loaded, with high nitrile rubber disc.
GASKET: Tube flange design, low swell high nitrile rubber with stainless steel worm clamp.
GASKET: Viton available upon request.
BUNGS: Minimum 10" ℄ MAXIMUM 18" ℄.

FEATURES:.
- Standard two riser system 10 gallon capacity.
- Special design on cover will not allow dirt or water to enter the containment area.
- Allows for vapors to escape while the fill cover is on.
- Flush mount lift ring on covers.
- Standard 10 gallon containment and poppet valve for two riser systems.
- All water drains onto the ground, not into the containment area.
- Spring loaded valve assembly with pull-chain to allow fluid to drain through a full ¾" hose.
- Drain hose is designed in a downward position at all times allowing for a rapid flow.
- Tube flanged rubber gasket allows replacement from inside the containment area.
- Flanged type gasket allows for complete freedom of movement, either side to side, or up and down, without damage to pipe riser or tank.
- 4" x 18" schedule 40 pipe w/welded pipe nipple and a 90° swing flair fitting.
- Stainless steel outside braid and Teflon inner hose with ¾" male & ¾" female aircraft fittings.
- Screws and gasket to assure water tight.
- Unit can be ordered with pipe plug and up to 40 gallon containment.

PATENT PENDING

PART NO.	DESCRIPTION
232	36" SQUARE FIL-SPIL CONTAINMENT BOX
ONE OF THE FOLLOWING NUMBERS MUST BE ORDERED WITH #232 (NO ADDITIONAL COST)	
260	BAFFLE—10 GALLON SEPARATION (L.A. CITY REQUIREMENT ONLY)
262	12" CENTERS, 7" RADIUS
263	14" CENTERS, 8" RADIUS
264	16" CENTERS, 9" RADIUS
OPTIONS AT ADDITIONAL COST, WHEN REQUIRED	
271	5 GALLON CAPACITY APPLIED TO COAXIAL, ONE RISER SYSTEM
272	10 GALLON CAPACITY APPLIED TO COAXIAL, ONE RISER SYSTEM
273	20 GALLON CAPACITY APPLIED TO TWO, OR ONE RISER SYSTEM REQUIRING 20 GALLON CONTAINMENT
274	40 GALLON CAPACITY APPLIED TO TWO, OR ONE RISER SYSTEM REQUIRING 40 GALLON CONTAINMENT
275	TANK GAUGE COVER—USED WITH PART #272, AT NO CHARGE
276	TANK GAUGE COVER—USED WITH TWO RISER SYSTEM AND THIRD OPENING NEEDED TO READ GAUGE
277	LESS CONTAINMENT—USED WHEN CONTAINMENT IS NOT NEEDED
278	WATER DRAIN—USED WHEN ABOVE GRADE WATER NEEDS TO BE DIRECTED AWAY FROM THE TANK AREA
279	PIPE PLUG—USED WHEN PLUG IS NEEDED INSTEAD OF POPPET VALVE.
280	4"x 3" REDUCER ALLOWS USE OF A 3" RISER
281	4"x 2" REDUCER ALLOWS USE OF A 2" RISER





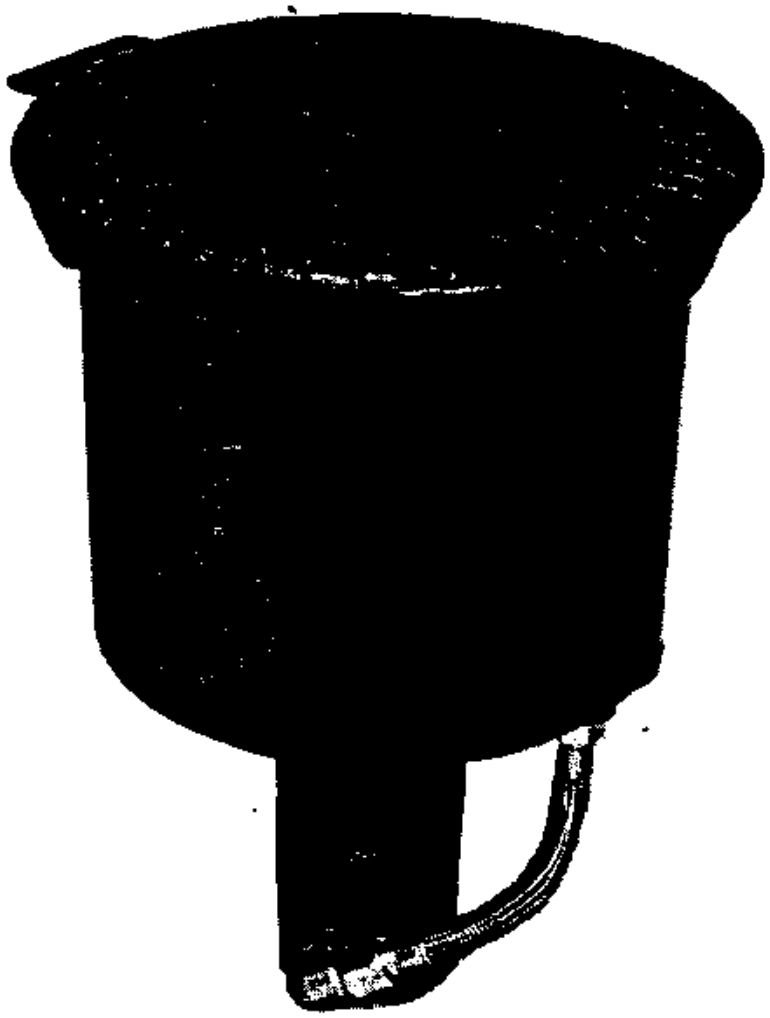
NOTE: See Page "D" in back of catalog on examples on ordering Fil-Spil Boxes.

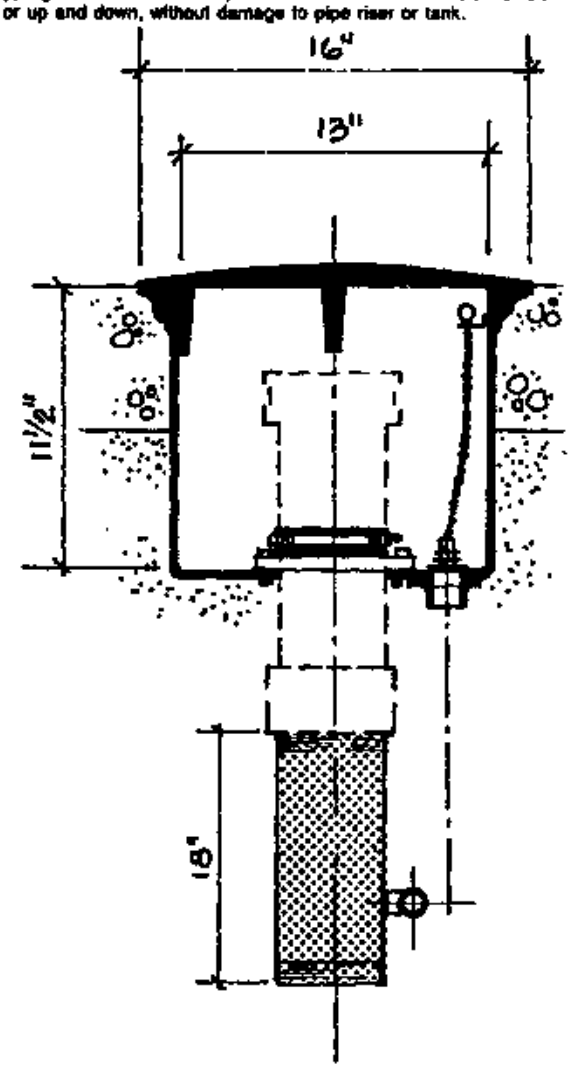
CNI
MANUFACTURING

FIL-SPIL CONTAINMEN
AND "WATER TITE" BO

SPECIFICATIONS:
CONTAINMENT BOX: One piece sand-cast aluminum.
COVER: One piece sand-cast aluminum.
FINISH: Heavy duty epoxy coating.
POPPET VALVE ASSEMBLY: Spring-loaded, with high nitrile rubber disc.
GASKET: Tube flange design, low swell high nitrile rubber.
GASKET: Viton available upon request.

FEATURES:
- Lightweight (9 lbs.) special design on cover will not allow dirt or water to enter the containment area.
- The design of our drain will not allow for a trap causing an air pocket & slow draining.
- Allows for vapor to escape while fill cover is on.
- Indented large finger holes for easy lifting.
- Spring-loaded valve assembly with pull chain.
- Oversize Teflon stainless steel hose for quick draining.
- Hand removable screen for easy cleaning.
- Female plug design in drain provided for future tank and line testing.
- Tube flanged, low swell rubber gasket allows replacement from within the containment area.
- Flange type gasket allows for complete freedom of movement, either side to side, or up and down, without damage to pipe riser or tank.





PATENT PENDING

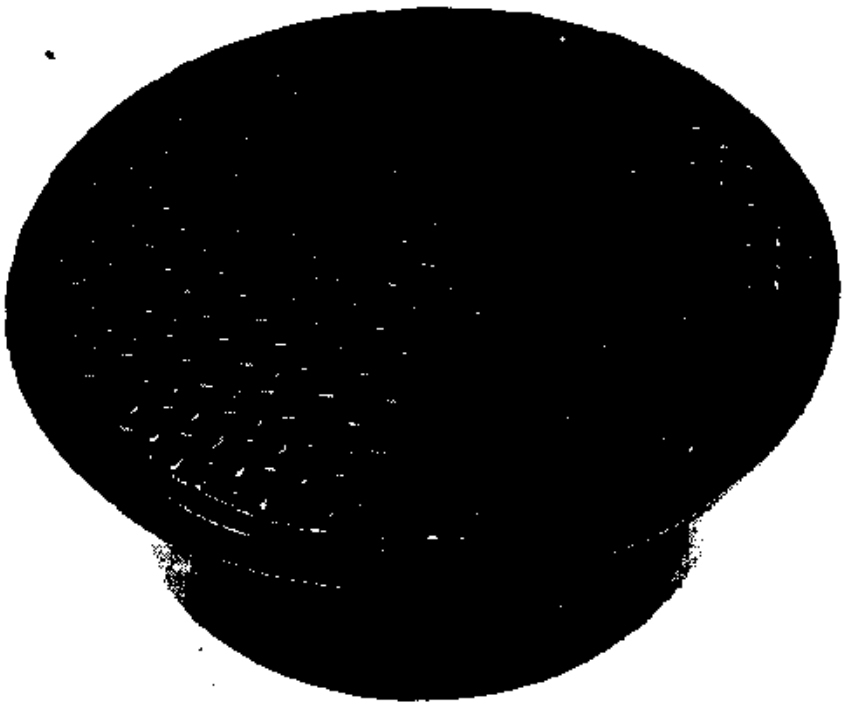
MODEL NO.	DESCRIPTION
200	CONTAINMENT BOX WITH POPPET VALVE
201	CONTAINMENT BOX WITH PIPE PLUG
204	CONTAINMENT BOX LESS RETURN HOSE
280	4" x 3" REDUCER ALLOWS USE OF A 3" RISER
281	4" x 2" REDUCER ALLOWS USE OF A 2" RISER

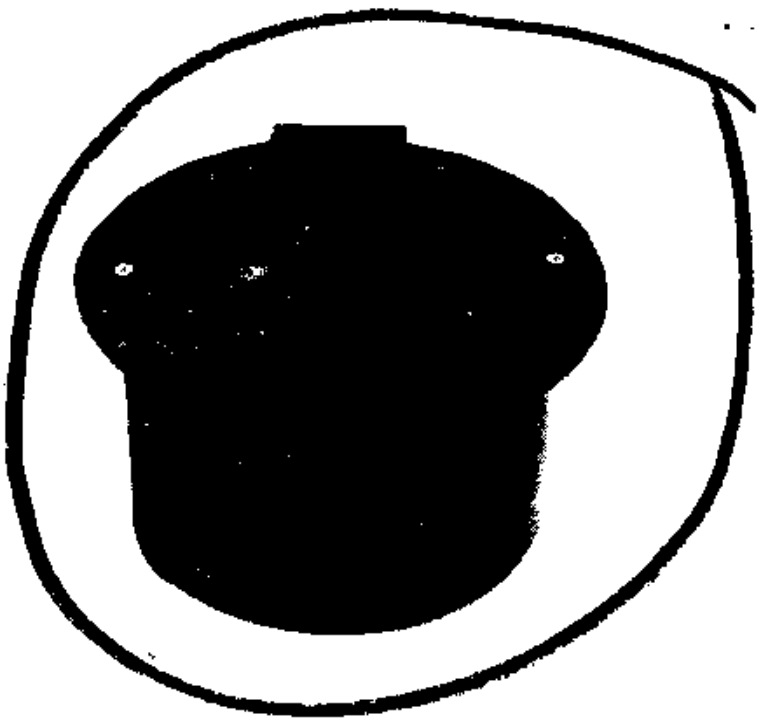
CNI
MANUFACTURING

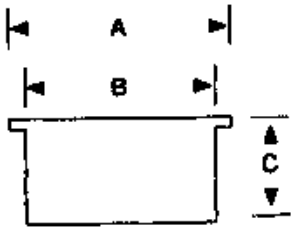
ROUND FILLBOXES AND MANHOLES

SPECIFICATIONS:
OUTER RING: Heavy cast iron.
COVER: 3/8" non-skid floor plate.
SKIRT: 14 gauge sheet metal spot welded and riveted to cast ring.

FEATURES:
- Reinforced cover is lightweight, yet rated to withstand 24,000 lbs. Lift handle on all covers 24" and larger.
- All boxes requiring screwed down covers are equipped with 3/8"-16 allen flat head screws.
- Tamper proof allen screws are available as an option.
- 1/8" recessed area to accept our Part # 290.







*** ********** HAZARDOUS MATERIALS STORAGE **********
ADDITIONAL APPROVAL FEE

DATE DUE: 04/09/86 AMOUNT DUE: $38.00 A

(ADDITIONAL APPROVAL FEE: $38.00)

000593 0000268A 3S

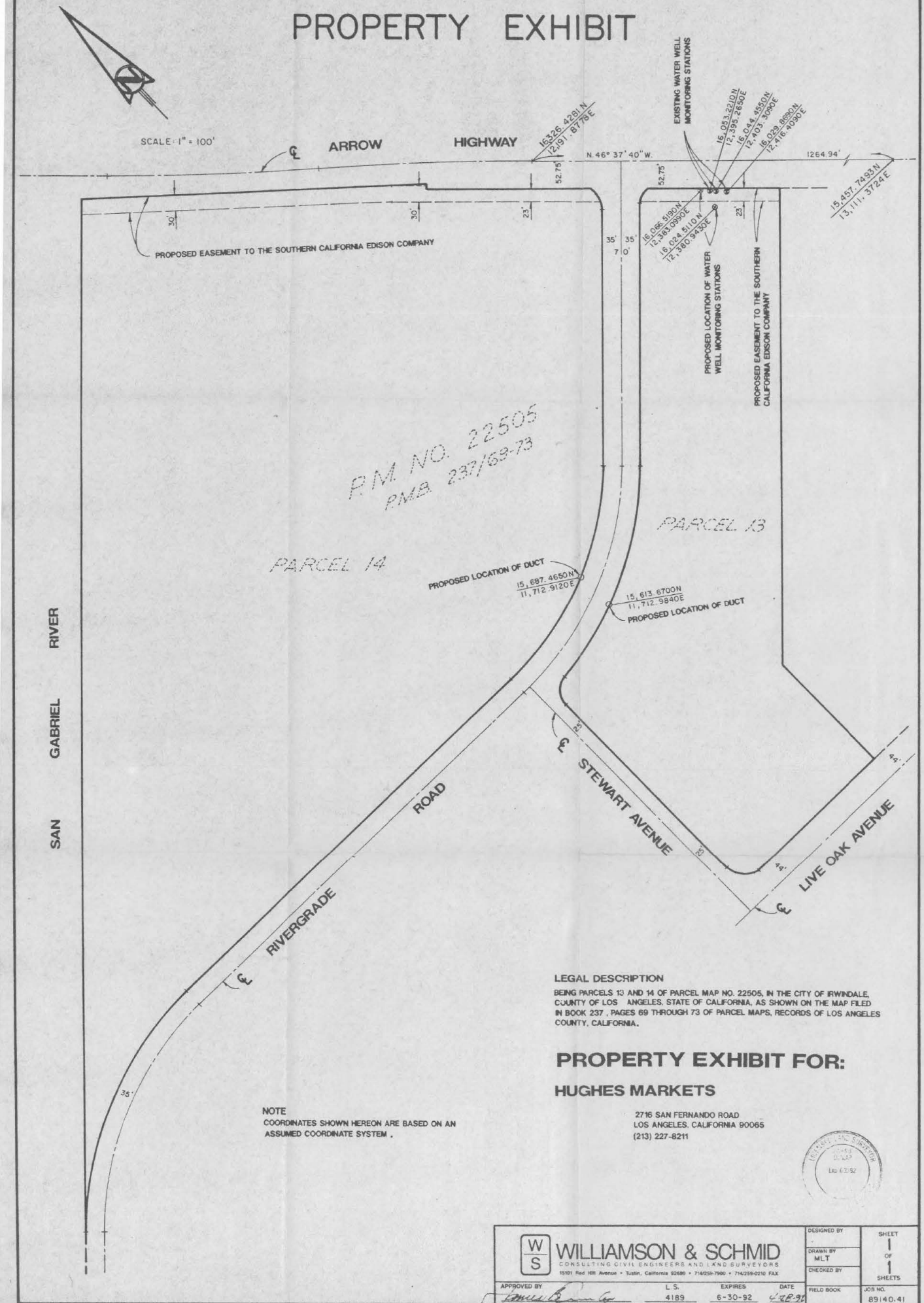
SITE: 14041 E LIVE OAK AVE
OWNER:

UNITED CONCRETE PIPE
P.O. 429
BALDWIN PARK CA 91706-

LA COUNTY DEPT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION
(213) 226-4000

>>>>>>>> RETAIN THIS PORTION FOR YOUR RECORDS <<<<<<<<

PROPERTY EXHIBIT



LEGAL DESCRIPTION

BEING PARCELS 13 AND 14 OF PARCEL MAP NO. 22505, IN THE CITY OF IRWINDALE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON THE MAP FILED IN BOOK 237, PAGES 69 THROUGH 73 OF PARCEL MAPS, RECORDS OF LOS ANGELES COUNTY, CALIFORNIA.

PROPERTY EXHIBIT FOR:

HUGHES MARKETS

2716 SAN FERNANDO ROAD
LOS ANGELES, CALIFORNIA 90065
(213) 227-8211

NOTE
COORDINATES SHOWN HEREON ARE BASED ON AN ASSUMED COORDINATE SYSTEM.

WILLIAMSON & SCHMID
CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS
15101 Red Hill Avenue • Tustin, California 92680 • 714/259-7900 • 714/259-0210 FAX

APPROVED BY	L.S.	EXPIRES	DATE
[signature]	4189	6-30-92	4-28-92

DESIGNED BY	SHEET
-	1 OF 1 SHEETS
DRAWN BY MLT	
CHECKED BY	
FIELD BOOK	JOB NO. 89140.41

APR 28 1992

Appendix D

Request for Records Search to the
City of Irwindale Building Department

Est. 1988

Environmental Support Services

Environmental Research & Due Diligence Compliance
30251 Golden Lantern, #E-305, Laguna Niguel, CA 92677
P) 949.429.3564 | F) 949.429.3563 | E) Shannon@EnvironmentalSupportServices.com
www.EnvironmentalSupportServices.com | EIN# 83-0533710

November 18, 2021

City of Irwindale Building Department
5050 North Irwindale Avenue
Irwindale, CA 91706

Attention: Laura Nieto

Subject: Records Search – Need to obtain building record information

Site: 14005 Live Oak Avenue
Irwindale, CA 91706

Dear Ms. Nieto,

Environmental Support Services (ESS) is in the process of conducting a records search for an environmental audit at a site in Irwindale, CA. This search includes researching the history of the site. I hereby request copies of all building permits and certificates of occupancy for the following address:

Site: 14005 Live Oak Avenue
Irwindale, CA 91706

Should you have any questions concerning this request for information, please call me at (949) 429-3564. Your expedient processing of this request in greatly appreciated.

Sincerely,
Environmental Support Services

Shannon Castagno
Project Manager
Shannon@EnvironmentalSupportServices.com

Est. 1988

Environmental Support Services

Environmental Research & Due Diligence Compliance
30251 Golden Lantern, #E-305, Laguna Niguel, CA 92677
P) 949.429.3564 | F) 949.429.3563 | E) Shannon@EnvironmentalSupportServices.com
www.EnvironmentalSupportServices.com | EIN# 83-0533710

December 6, 2021

City of Irwindale Building Department
5050 North Irwindale Avenue
Irwindale, CA 91706

Attention: Laura Nieto

Subject: Records Search – Need to obtain building record information

Site: 14041 Live Oak Avenue
Irwindale, CA 91706

Dear Ms. Nieto,

Environmental Support Services (ESS) is in the process of conducting a records search for an environmental audit at a site in Irwindale, CA. This search includes researching the history of the site. I hereby request copies of all building permits and certificates of occupancy for the following address:

Site: 14041 Live Oak Avenue
Irwindale, CA 91706

Should you have any questions concerning this request for information, please call me at (949) 429-3564. Your expedient processing of this request in greatly appreciated.

Sincerely,
Environmental Support Services

Shannon Castagno
Project Manager
Shannon@EnvironmentalSupportServices.com

STATE OF CALIFORNIA—ENVIRONMENTAL PROTECTIO.' AGENCY
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600

PETE WILSON, Go

ND
RWQCB

RECEIVED
NOV 7 1994
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

November 3, 1994

Mr. Russel D. Hiles
Stone & Hiles
9440 Santa Monica Boulevard
Beverly Hills, CA 90210

WELL INVESTIGATION PROGRAM - FORMER WASTE OIL TANK AREA INVESTIGATION FOR HUGHES MARKETS PROPERTY AT 14005 LIVE OAK AVENUE, IRWINDALE, CA
(FILE NO. AB 108.1711)

→ new site address for new tank instal

This letter is in response to our October 13, 1994 meeting during which closure of the former waste oil tank area at the subject site was discussed. A thorough review of the file revealed that your consultant, Woodward-Clyde Consultants, had submitted three reports pertaining to the investigation performed at the former waste oil tank area. These reports are:

1) Investigation of Waste Oil Tank Area at 14041 East Live Oak Avenue, Irwindale, California; dated December 1991.

2) Tank Closure Report for the Waste Oil Tank; dated January 23, 1992.

3) Report of Excavation, Hughes Markets Site; dated August 1992.

The following summaries and comments are based on the review of the above mentioned reports and the discussion as per our October 13, 1994 meeting.

GENERAL WASTE OIL TANK INFORMATION

1) A 2,000-gallon waste oil tank was removed on April 23, 1991 from the premise in accordance with Permit #8058B, File #593, issued by the County of Los Angeles Department of Public Works.

2) Laboratory analytical results of the tank contents using EPA Method 8015 indicated that over 99% were petroleum hydrocarbons (C5-C30).

URS

Dames & Moore
URS Greiner Woodward Clyde

California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013
Attn. Mr. John Chaing

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

UST UNIT
CASE NO. I-00593A
DATE 7/18/00
STAFF JLC
REPORT TYPE:
AR
WORK PLAN
MONITORING ✓
OTHER
DATE REV'D.
STAFF INITIAL

Re: File No. I-00593A
Former 14041 East Live Oak Avenue
Irwindale, CA

Dear Mr. Chaing:

In mid-June I called you to discuss the specific requirements for a response to your department's May 25, 2000 letter to Wohl Property Group regarding the above-referenced site. During our conversation you stated that the May 25, 2000 letter was a form letter and that all theCalifornia Regional Water Quality Control Board (CRWQCB) required at this time was copies of the available information on USTs, formerly located on the site because CRWQCB did not have any of this information. I am submitting copies of the information that was found in the Los Angeles County Department of Public Works (LACDPW) files. This information shows that the former USTs located on that portion of the former property owned by our client and managed by Wohl Property Group were closed with the LACDPW or with CRWQCB. The address of the new site is 5305 Rivergrade Road and it comprises only a portion of the former property.

The USTs on the subject parcel consisted of three 10,000 gallon USTs that were removed in 1987 by Western Environmental Services and a 2,000 gallon waste oil tank that was removed by Woodward-Clyde consultants in 1991. A LACDPW closure letter dated February 1, 1988 was issued for the three 10,000 gallon USTs. A closure letter dated November 3, 1994 was issued by CRWQCB. I am sending you copies of the closure letter along with the closure reports.

The current site has three USTs that were installed in 1992. Reportedly the tanks are double-walled Plasteel with appropriate alarms, spill containment, and overflow protection. A review of the LACDPW files indicates that these USTs are in compliance with the 1998 upgrade requirements.

To the best of our knowledge, all other former USTs associated with the 14041 East Live Oak Avenue site were located on that portion of the site not included within this recent property transfer. Please review the attached information. If you have any questions you can call me at 913.344.1151.

Sincerely,

DAMES & Moore

Jeffrey W. Darling, PE
Vice President/Office Manager

cc: Mr. Skip Wohl – Wohl Property Group
Mr. Greg Korth – TA Associates Realty

URS Corporation
10975 El Monte, Suite 100
Overland Park, KS 66211
Tel: 913.344.1000
Fax: 913.344.1011

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

THOMAS A. TIDEMANSON, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

March 15, 1993

IN REPLY PLEASE
REFER TO FILE I-593

MR NORB PARSONEAULT
HUGHES MARKET
2716 SAN FERNANDO RD
LOS ANGELES CA 90065

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM (LOP)
LEAD AGENCY TRANSFER
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 EAST LIVE OAK AVENUE, IRWINDALE

As discussed in our meeting held on February 18, 1993, between your consultant Woodward Clyde, the Regional Water Quality Control Board (RWQCB) and our agency it was concluded that the site be referred to the (RWQCB) for Lead Agency status. This was due to the concern for possible vapor transport and the sensitivity of the site location within the San Gabriel Well Investigation Program.

The site will be rejected from our LOP and no further costs will be billed to you for this project. We do request, however, that our agency be carbon copied on all reports regarding the status of the project for our records.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed _____
for Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:rm
WP/593

cc: Mr. David Koo, California Regional Water Quality Control Board
Mr. Allistaire Callender, Woodward Clyde
Mr. Hubert Kang, CRWQCB

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

September 17, 1992

IN REPLY PLEASE
REFER TO FILE I-593

Mr. Norb Parsoneault
Hughes Market
2716 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM REVIEW SHEET
WORKPLAN TO CONDUCT REMEDIAL INVESTIGATION
PREPARED BY: WOODWARD CLYDE
REPORT DATE: MAY 18, 1992
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 EAST LIVE OAK AVENUE, IRWINDALE

This office has reviewed the subject document. Please be advised that prior to approval of the in-situ bioremediation project, the Department of Toxic Substances Control must be informed and a variance obtained. Please contact Paul Hadley at (916) 324-3823 for more information regarding this matter. Also, additional investigation was proposed, however, the plot plan provided by Williamson and Schmid does not clearly show the location of the former waste oil tank, previous boring locations, and proposed boring locations.

Please submit a revised plot plan to this office by October 30, 1992.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site. The Los Angeles County Department of Public Works may disregard the work performed if the County was not properly notified.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

SG By Yvonne M. Taylor
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed P. A. Proano
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:tr/PP201536/May 21, 1992
WP/593-1

cc: Mr. Richard Kaumeyer, California Regional Water Quality Control Board
Mr. Alistaire Callender, Woodward Clyde

File

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: Dave Lobato/Taylor DATE: 9-16-92

FROM: Tom CUSTARD FILE: I-593

INDUSTRY: United Concrete Pipe
14041 E. Live OAK ave., Irwindale

REPORT: This was a Scheduled oversight inspection For drilling of exploratory borings For Site assessment. No representatives From Woodward Clyde Consultants were Seen when I arrived on-site. According to Construction Manager John Navarro, The drilling was rescheduled. I was not notified previously. Much OF the area around the Former Tank area is under Construction. Proposed boring locations appeared to be Marked With Stakes. (PHoto) Surface evidence OF at least three (3) Monitoring Wells were Seen. (Photo's) Two (2) of the Monitoring Wells exist near a Shallow pit. The area around the Former Waste oil Tank does not appear to be under Construction. Several Large Soil piles are Seen in the area. No Signs of Contamination were noted.

38-0002 DPW 10/86

COUNTY OF LOS ANGELES

NOT 72 HRS.

INSPECTION REQUEST

Call Date: 9-14-92 Inspection Date: 9-16-92

Caller: Alistire Callender Time: 9:00

From: Woodward Clyde Consultants File No.: I- 593

Telephone: 714 835-6886 Project Engr.: Yvonne Taylor

Site Name: United Concrete Pipe

Site Address: 14041 E. Live Oak Ave
Irwindale

Purpose	Type	Sampling				Comments
		Yes	No	Soil	Water	
Tank Closure						3 Borings to 125 ft
–						
Site Assessment	X	X		X		
Remediation						
Post Remediation Verification						
Mobil Lab Yes___ No X	Lab Analysis: 8015, 418.1					

Work Plan Approval: Letter X By _____
Verbal ___

Type of Contamination: waste oil

Health and Safety Plan Submitted and In File: Yes ___ No ___ have one prepare

Assigned Inspector: Tom Custard

* If samples are requested, Project Engineer to determine number, location and depth.

Comments: Make sure they go 25' below ND
Ask About Samples under dispensers on Mission-Koll property

3 of 3 Form completed by: Terri

DT:tc(3)/TR

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

March 31, 1992

IN REPLY PLEASE
REFER TO FILE

I-593

Mr. Norb Parsoneault
Hughes Markets
2716 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM REVIEW SHEET
INVESTIGATION OF WASTE OIL TANK AND TANK CLOSURE REPORT
PREPARED BY: WOODWARD-CLYDE CONSULTANTS
REPORTS DATED: DECEMBER 1991 AND JANUARY 14, 1992
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 EAST LIVE OAK BOULEVARD, IRWINDALE

As discussed in our meeting on February 20, 1992 with Allstaire Callender of Woodward-Clyde and Richard Kaumeyer of the California Regional Water Quality Control Board, our agency is requesting additional investigation to further define the lateral limits of the petroleum contamination.

Although Boring B (drilled approximately 35 feet southeast of the tank) stepped out in the clean soil, the extent of contamination toward the northeast, southwest, and northwest remains undefined by laboratory analysis. Borings should step out into clean soil and encircle the plume.

It is understood that due to the underground utilities and the close proximity of Arrow Highway it would be difficult to drill toward the northeast. However, measures should be taken to determine the possibility of obtaining an encroachment permit to drill in the street.

Also, since it is uncertain as to the historical high groundwater level, it is advised that the investigation extend vertically to a minimum depth of 25 feet below the deepest detectable contamination. Selected soil samples should be analyzed for volatile organics and as mentioned by Richard Kaumeyer of the California Regional Water Quality Control Board soil test should be run for PCB's due to the presence of transformers on the site.

It was discussed that an in situ form of bioremediation is being considered, however, feasibility tests need to be conducted. We require that the State Department of Health Services, Office of Alternative Technologies be notified of this proposed remediation and their requirements be met prior to approval from our office. Please provide this agency with a workplan discussing the next phase of site investigation and remediation by April 30, 1992.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site. The Los Angeles County Department of Public Works may disregard the work performed if the County was not properly notified.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed _____
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:ts
WP/593

cc: Mr. Richard Kaumeyer, California Regional Water Quality Control Board
Woodward-Clyde Consultant

STATE OF CALIFORNIA

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION

' CENTRE PLAZA DRIVE
NTEREY PARK, CA 91754-2156
(213) 266-7500

March 5, 1992

Ms. Yvonne M. Taylor
Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue, Annex, Second Floor
Alhambra, CA 91803-1331

WELL INVESTIGATION PROGRAM-COPY ALL CORRESPONDENCE REQUEST, HUGHES MARKETS, (FILE NO. AB108.1711)

This is a follow-up to the meeting held at your Los Angeles County Department of Public Works (LACDPW) office on February 20, 1992, regarding the underground waste storage tank (UWST) that was recently removed, under the jurisdiction of LACDPW, from property owned by Hughes Markets, Inc. at the following address:

Contact: Mr. Norb Parseneault
Hughes Markets, Inc.
14005 East Live Oak Avenue
Irwindale, CA 90071

This Regional Board respectfully requests that your department copy us on all correspondence between you and the owner of the above referenced property regarding UWST removal, remediation/monitoring (if applicable) and closure (report/analytical results) as this Board is currently involved in an ongoing investigation of the redevelopment area which includes this site and wishes to keep informed of all additionally required or future investigations/requirements concerning the site. We also request that you consider, where appropriate, requiring soil, soil vapor and/or ground water samples be analyzed for volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs).

If you have any questions concerning this matter please contact Rick Kaumeyer at (213) 266-7529 and address all correspondence to his attention.

ROY R. SAKAIDA
Senior Water Resource
Control Engineer

RRS:rsk

cc: Mr. Wayne Praskins, USEPA, Region IX
Mr. Carl Sjoberg, LACDPW, Underground Tank Division
Mr. Norb Parseneault, Hughes Markets, Inc.

2

SAMPLE COLLECTION AND REMOVAL OF UNDERGROUND STORAGE TANKS UNITED CONCRETE PIPE DIVISION 14041 EAST LIVE OAK AVENUE BALDWIN PARK, CALIFORNIA

RECEIVED
OCT 30 1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICE DIVISION

Project No. 21213

Prepared for:
Rudy's Service Station Equipment Maint., Inc.
2017 Seaman Avenue
South El Monte, California 91733

703845

Prepared by:
WESTERN ENVIROMENTAL SERVICES, INC.
2113 WEST SEVENTEENTH STREET
LONG BEACH, CALIFORNIA 90810

October 21, 1987

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2.0 Field Procedures	1
3.0 Geology	2
4.0 Laboratory Analyses and Results	2
5.0 Conclusions	3
6.0 Recommendations	3
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Appendix B - Chain of Custody	

LIST OF FIGURES

Figure No.	Title
1	Site Plan

LIST OF TABLES

Table No.	Title
1	Summary of Underground Storage Tank Data
2	Summary of Soil Sampling

1.0 INTRODUCTION

1.1 PURPOSE OF SCOPE OF WORK

This report summarizes underground storage tank removals and soil sampling operations performed at United Concrete Pipe Division (United). The subject site is located at 14041 East Live Oak Avenue, Baldwin Park, Los Angeles County, California

The work accomplished under Los Angeles County Permit No. 3361-B, on October 14, 1987 consisted of the removal of three diesel fuel underground storage tanks, and collection and quantitative analyses of 6 soil samples, used to document subsurface soil conditions.

United engaged the services of Rudy's Service Station Equipment Maint., Inc. (Rudy's) to perform the excavation and removal of the underground storage tanks. Western Environmental Services (WES) was employed under verbal agreement by Rudy's to: 1) collect soil samples from beneath the bottom of each tank and 2) prepare this report on tank removal operations. Included herewith are discussions on field procedures, laboratory testing, and analytical results for soil samples recovered during the excavation and subsequent tank removals.

2.0 FIELD PROCEDURES

On October 14, 1987, under the supervision of Los Angeles County Fire Department, three underground diesel fuel storage tanks were removed and disposed of properly. The tank numbers, capacities and contents as determined by field personnel are summarized in Table 1.

TABLE 1
SUMMARY OF UNDERGROUND STORAGE TANKS DATA
UNITED CONCRETE

TANK NO.	CAPACITY (gals.)	CONTENTS
1	10,000	Diesel
2	8,000	Diesel
3	8,000	Diesel

Following the removal of the tanks, six soil samples (1A, 1B, 2A, 2B, 3A, 3B) were collected at a depth of two feet below tank bottom by a WES geologist. Sample locations are shown on Figure 1 - Site Plan.

The samples were recovered from the excavations using a back hoe and quickly placed by hand into four ounce glas sample jars, sealed with a teflon-lined lid, each sample within labeled and immediately stored on ice in an ice chest until transport to the laboratory. WES chain-of-custody procedures were followed to ensure the integrity of samples submitted for analyses.

3.0 GEOLOGY

The United site overlays alluvial sediments, gravels and cobbles interbedded with coarse grained sands of recent age. The elevation of the tank pit areas is approximately 400 feet above seal level; the surrounding topography slopes gently to the South. A review of California Department of Water Resources (DWR) records indicate the first principle aquifer beneath the site is greater than 100 feet below the surface; semi-perched zones may occur at shallower depths.

4.0 LABORATORY TESTING AND RESULTS

All samples were submitted for analyses to Chemical Research Laboratories, Stanton, California. Samples were tested for total recoverable hydrocarbons according to E.P.A. method 418.1. The sample is extracted using a horn-type sonicator and examined by infrared spectroscopy. Laboratory certificate and chain-of-custody records are included in Appendix A and B respectively.

Based on laboratory results for samples collected, it appears hydrocarbon leakage has occurred at the site. Sample reference numbers, locations and test results (in parts per million) are summarized in Table 2.

TABLE 2
SUMMARY OF SOIL SAMPLING
D&K CONCRETE

SAMPLE NO.	LOCATION	E.P.A. 418.1 (ppm)
1A	Southside of northern diesel tank	100
1B	Northside of northern diesel tank	ND(1)
2A	Southside of southeast diesel tank	15
2B	Northside of southeast diesel tank	140
3A	Southside of southwest diesel tank	ND(1)
3B	Northside of southwest diesel tank	6

5.0 CONCLUSIONS

In accordance with both State and County Guidelines for Underground Storage of Hazardous Materials, WES has completed a field sampling program associated with the removal of underground fuel tanks at the United facility. The results of field study indicates relatively low concentration of petroleum based hydrocarbons have leaked into the soil at the tank pit locations. Due to the deep groundwater table and dense conglomeratic subsurface soil conditions, we recommend United following regulatory approval backfill, compact and resurface the existing excavation.

If we can be of further assistance or provide further information, feel free to call.

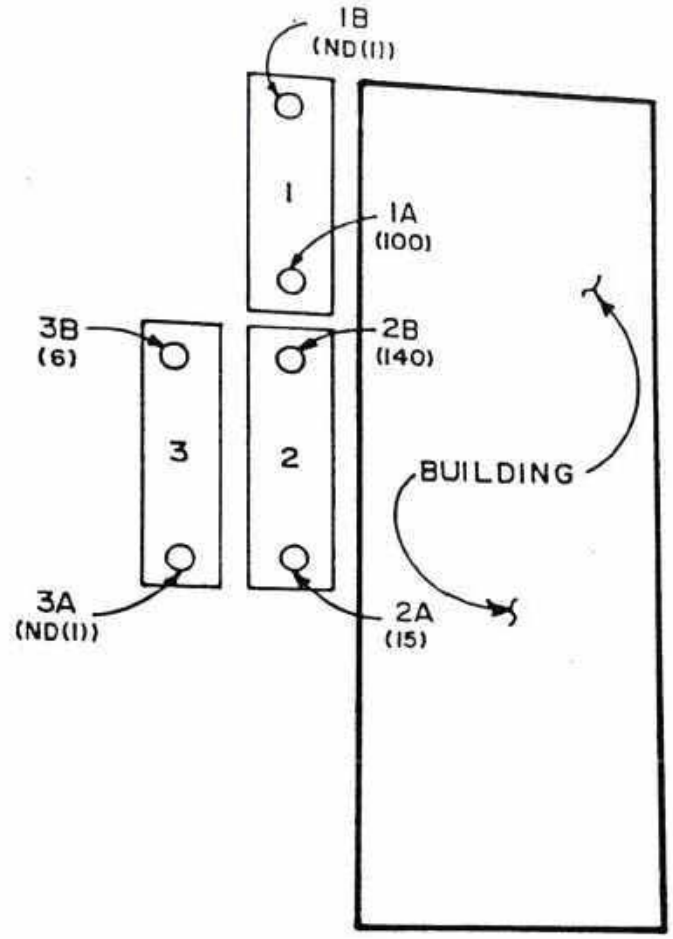
Sincerely

Western Environmental Services

David D. Aronne
Project Geologist

Received by:

Paul Lipinski
California Registered Geologist #3991



LEGEND:

B1 ○	LOCATION OF SAMPLES COLLECTED OCT. 14, 1987
(100)	CONCENTRATION OF TOTAL HYDROCARBON (PPM)
1	TANK LOCATION

TANK DATA

NO.	DESCRIPTION
1	10,000 GALLON DIESEL
2	8,000 GALLON DIESEL
3	8,000 GALLON DIESEL

APPROX. SCALE

0 20 40 FT.

FIGURE 1

PARTIAL SITE PLAN
AND SAMPLE LOCATIONS

UNITED CONCRETE PIPE
14041 EAST LIVE OAK AVE.
BALDWIN PARK CA. 91708

PREPARED FOR

RUDY'S SERVICE STATION
EQUIPMENT MAINT. INC.
2017 SEAMAN AVENUE
SO. EL MONTE, CA.

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

Additional tanks to be removed

Permit 8058 B
File 593 R/C 35
Fee $ 38
Check [X] Cash [ ]

OWNER: Name MISSION-KOLL. I. Phone 213-623-1038
Mailing Address 818 W 7th ST STE 700 City LA State CA Zip 90017

FACILITY:
Occupant Name UCP Phone 714-658-5251
Site Address 14041 ELIUE OAK City IRWINDALE Zip
Mailing Address SAME City State Zip
Contact Person Bob RICHARDSON. Title

CONTRACTOR [X], complete below: OWNER/OPERATOR AS CONTRACTOR [ ]
Name J. D. EDWARDS. Phone 818-303-8775
State License No. 324262 Class C-61-D40

CLOSURE REQUESTED:
[X] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
#3	STEEL	UNKNOWN	500	WASTE OIL

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ] UNKNOWN	[ ]
Have structural repairs ever been made to these tanks?	[ ]	[ ]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE C
MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND D[illegible]ED OF PURSUAN
CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAI[illegible]LY MAY BE
PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant carti[illegible]its and
disclosures above are true and correct [illegible]ad and agr
to abide by this permit and all conditi[illegible]ttached.

Applicant's Signature John D Edwards 12-16-91
(Print Name) JOHN D EDWARDS Phone
Owner [ ] Operator [ ] Co

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS H
GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTAC
CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE
BELOW.

T.A. TIDEMANSON
Director of Public Works

CONDITIONS A -- GENERAL

Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer-Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

a. Removal of tank shall require a three (3) business day advance notification.

b. Permanent closure of a tank in place or a temporary closure shall require a 30 day written notification.

A fee of $38 per tank shall accompany this application.

All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74-81, December 1981, or any other methods that will provide equivalent or better protection.

Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies include the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

Decontamination shall require the following, as a minimum:

a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.

b. The personnel shall be sufficiently skilled to safely carry out such operation.

c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.

d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B -- TEMPORARY

All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, "Abandonment or Removal of Underground Tanks," Part A and any other applicable Parts.

A temporary closure shall not exceed 90 days.

CONDITIONS C -- PERMANENT, TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tanks shall be transported to a legal disposal point.

6. If the tank had stored materials other than motor fuel, fuel oil, waste oil, site integrity shall be demonstrated using the soil sampli... and analysis procedures described in CONDITIONS D below.

7. The site shall be backfilled and recompacted to a relative compaction of 90%.

CONDITIONS D -- PERMANENT, TANK(S) IN PLACE

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test borings may be drilled vertically and the reason stated in the report in 2.h. below.

   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.

   c. For multiple tanks, as a minimum, borings shall be placed at ... foot intervals around the tank cluster. The actual number ... location of borings shall be evaluated on a case-by-case bas... Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.

   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.

   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.

   f. Soil samples shall be capped immediately with teflon or aluminum.

   g. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.

   h. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials -- Guidelines."

4. A report shall be submitted to the County Engineer containing the ...

NOTICE TO CLOSURE PERMIT APPLICANTS

The South Coast Air Quality Management District (SCAQMD) has adopted Rule 1166 regulating emissions of Volatile Organic Compounds (VOC) from decontamination of soil effective August 6, 1988.

In addition to the requirements of your Closure Permit, persons excavating any underground storage tank that previously contained VOC's must:

-- Notify the SCAQMD Executive Officer by telephone at (818) 572-6195, 24 hours prior to tank excavation. 1166(e)(1)(A)

-- Monitor the excavated material during the excavation for VOC contamination. 1166(e)(1)(B)

-- When VOC contamination is detected:
  - Cease excavation
  - Cover the contaminated soil until implementation of approved mitigation measures. 1166(e)(1)(C)
  - Notify the SCAQMD Executive Officer at (818) 572-6195 within 24 hours of detection of VOC contaminated soil. 1166(e)(2)(A)

-- A person shall not engage in or allow any on-site or off-site spreading of VOC contaminated soil which results in uncontrolled evaporation of VOC to the atmosphere. 1166(e)(3)

Exemptions

-- Treatment of less than one (1) cubic yard of contaminated soil. 1166(d)(1)(A)

-- Decontamination of soil containing organic compounds that have initial boiling point of 302°F or greater, Reid Vapor Pressure less than 80mm Hg or Absolute Vapor Pressure less than 36mm Hg at 20°C. 1166(d)(1)(B),(F)

-- Removal of soil for sampling purposes pursuant to EPA methods. 1166(d)(1)(C)

-- Accidental spillage of five (5) gallons or less of VOC. 1166(d)(1)(D)

-- Decontamination of soil which is contaminated through natural seepage of VOC from oil and gas wells or other natural sources. 1166(d)(1)(E)

SPECIFIC QUESTIONS ON RULE 1166 SHOULD BE REFERRED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (818) 572-6200

CLOSURE PERMIT SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

Closure Permit No.: 8058 B
File No.
I- 593 - 35

PART 1 OF 2

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
3A	2-4' below tank invert	TPH + BTXE	418.1 + 8020
1 sample every 20' of piping	2-4' below piping	"	"

dn4/FPERMIT Rev. 3/90

Cont'd on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

5. The analytical results for all soil samples shall be expressed milligrams per kilogram (mg/kg), or micrograms per kilogram (ug/kg) as appropriate. Practical quantitation limits of 5-10 ug/kg (ppb) for volatile organics and 1 mg/kg (ppm) for the petroleum hydrocarbons must be achieved by the laboratory. Analytical results for groundwater samples shall be expressed in ug/l (ppb) and practical quantitation limits of .5-5 ug/l (ppb) for volatile organics, and 1 mg/l (ppm) for petroleum hydrocarbons must be achieved by the laboratory.

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determiantion; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever is earlier.

ATTENTION CONTRACTOR

NOTIFICATION REQUIREMENTS

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Materials Underground Storage Closure Permit, you are required to complete ALL of the agency notifications indicated below within the time period specified prior to commencement of work on this closure.

[X] 72 HOURS - DEPARTMENT OF PUBLIC WORKS WASTE CONTROL ENGINEERING INSPECTORS:

Unless otherwise noted DPW inspectors are available at the following offices between 8:00 a.m. and 9:30 a.m. ONLY.

[ ] BELLFLOWER DISTRICT - (213) 804-2584; 804-2585
16600 Civic Center Drive, Bellflower, CA 90607

[ ] CENTINELA VALLEY REGION - (213) 534-4862; 534-4859
24320 South Narbonne Avenue, Lomita, CA 90717

[ ] LENNOX DISTRICT - (213) 419-5650
4353 Lennox Boulevard, Lennox, CA 90304

[X] SAN GABRIEL VALLEY DISTRICT - (818) 574-0962
125 South Baldwin Avenue, Arcadia, CA 91006

[ ] EAST LOS ANGELES DISTRICT - (213) 260-3466; 260-3467
5141 East Pomona Boulevard, Los Angeles, CA 90022

[ ] SAN DIMAS REGION - (818) 574-0957; (818) 574-0958
125 South Baldwin Avenue, Arcadia, CA 91006

[ ] NEWHALL REGION - (805) 253-7207
23757 West Valencia Boulevard, Santa Clarita, CA 91355

[X] 24 HOURS (OR AS REQUIRED) - LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[ ] City of _____

[X] Los Angeles County Fire Department 818 - 574 - 0949

[X] 24 HOURS - SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

(818) 572-6195

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

CLOSENOTE
03/91

1d4/ATTENT

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
3. Description of methods for obtaining, handling and transporting samples.
4. Time and date samples were obtained.
5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.
6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil.
11. Any observations of site contamination.
12. Remedial action plan to mitigate contamination.
13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.

Signature John D Edwards Date 4-16-91

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 3

B. MANUFACTURED BY:

C. DATE INSTALLED (MO/DAY/YEAR) UNKNOWN

D. TANK CAPACITY IN GALLONS: 500

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☒ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☐ 1 PRODUCT ☒ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A-1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED

C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER NONE

B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A (U) 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER NONE

V. TANK LEAK DETECTION

☒ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VAPOR MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR): JANUARY

2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 100 GALLONS

3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): John D Edwards

DATE: 4-16-91

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	573	3

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE
20538	SVFD 4/16/91	

FORM B (9-90) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA

12/4/87
okay to backfill
per verbal approval
MM

November 6, 1987

IN REPLY PLEASE REFER TO FILE: I-593-3

U.S. Pipe & Foundry Co.
14041 East Live Oak Avenue
Irwindale, CA 91708

Gentlemen:

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3361B
FACILITY LOCATION: 14041 EAST LIVE OAK AVENUE

This office has reviewed the closure report submitted on October 30, 1987 for the subject facility.

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this offic by December 4, 1987.

If you have any questions regarding this matter, please contact Mr. Martin Moreno at (213) 226-5930.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Martin Moreno
Waste Management Division

Enc.

cc: Western Environmental Services

CL207 3/87

California Regional Water Quality Control Board
Los Angeles Region

Winston H. Hickox
Secretary for
Environmental
Protection

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640
Internet Address: http://www.swrcb.ca.gov/~rwqcb4

Gray Davis
Governor

May 25, 2000

Mr. Skip Wohl
Wohl Property Group
30200 Rancho Viejo Road, Suite C
San Juan Capistrano, CA 92675-1560

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. Z 415 802 809

UNDERGROUND STORAGE TANKS PROGRAM –
METHYL TERTIARY BUTYL ETHER (MTBE) TESTING REQUIREMENT
FORMER UNITED CONCRETE PIPE
14041 EAST LIVE OAK AVENUE, IRWINDALE (FILE NO. I-00593A)

Dear Mr. Wohl:

Pursuant to Senate Bill 521 and Section 25299.37.1 of Chapter 6.75 of Division 20 of the California Health and Safety Code, testing for MTBE has been required at all underground storage tank sites since October 1997.

We have reviewed our case file regarding the subject site and find that previous soil investigations do not contain laboratory analytical test results for MTBE or other fuel oxygenates. Therefore, you are required to provide representative MTBE and other fuel oxygenates data for soils at the subject site.

At least one soil test boring is to be completed at the center of each soil contamination plume and/or release area (i.e., dispenser island area, underground storage tank area, and/or along pipelines). Soil borings at each location shall extend vertically downward until at least thirty feet of clean soils are demonstrated without any gasoline constituents (TPH_G, BTEX, MTBE or other fuel oxygenates), detected. Soil test borings shall not be drilled into groundwater at the site. If groundwater impacts are anticipated, then groundwater-monitoring wells are required to determine impacts to groundwater quality.

Soil samples shall be collected at 5-foot intervals in all borings for lithological soil description and chemical analyses by EPA Method 8015 for TPH_G and by EPA Method 8260B for benzene, toluene, ethylbenzene, xylene (BTEX) and fuel oxygenate compounds including MTBE, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA). All analytical data must be reported by a California-certified laboratory.

In order to expedite the investigation, a workplan is not needed to conduct the limited soil investigation. However, if the results of the investigation do not define the full extent of the soil contamination, or if there are potential groundwater impact, then a workplan to install groundwater-monitoring wells is required to be submitted with your technical report, containing the results of this investigation.

A Health and Safety Plan shall be prepared, made available to field personnel, and implemented while conducting the fieldwork. All work must be performed by or under the direction of the registered geologists or registered civil engineer. A statement is required in the report that the registered professionals in responsible charge actually supervised or personally conducted all the work associated with the project. All reports submitted to this office must conform to the "Guidelines for Report Submittals - Revised June 1993" published by the Los Angeles County Department of Public Works (copy enclosed).

Pursuant to Section 13267 of the California Water Code, you are hereby required to submit a technical report containing the results of the soil investigation by **July 15, 2000**. As indicated above, if the results of this investigation indicate that the full extent of soil contamination is not defined, then a workplan for supplemental soil and/or groundwater characterization is required to be submitted with your technical report due by **July 15, 2000**. Failure to comply with the due date may result in an enforcement action by the Regional Board of up to $1,000.00 per day for each day the report is not received. The Regional Board can assess these civil liabilities at any time after **July 15, 2000.**

Please notify us at least seven days prior to the date that you plan to commence site assessment activities. If you have any additional questions additional concerning soil testing and/or reporting requirements please contact Mr. John Chiang at (213) 576-6708 or me at (213) 576-6702.

Sincerely,

Gregg Kwey
Senior Water Resource Control Engineer

Enclosure: Guidelines for Report Submittal

cc: Mr. Jorge Leon, State Water Resources Control Board, Office of Chief Counsel

California Regional Water Quality Control Board
Los Angeles Region

Winston H. Hickox
Secretary for
Environmental
Protection

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640
Internet Address: http://www.swrcb.ca.gov/~rwqcb4

Gray Davis
Governor

May 9, 2000

Mr. Tom Gast
Hughes Family Market
1100 West Artesia Blvd
Compton, CA 90220

CERTIFED MAIL
RETURN RECEIPT REQUESTED
CLAIMS NO. Z 415 802 806

UNDERGROUND STORAGR TANK PROGRAM-METHYL TERTIARY BUTYL ETHER (MTBE) TESTING REQUIREMENT
FORMER UNITED CONCRETE PIPE
14041 EAST LIVE OAK AVENUE, IRWINDALE (FILE NO. I-00593A)

Dear Mr. Cast:

Pursuant to Senate Bill 521 and Section 25299.37.1 of Chapter 6.75 of Division 20 of the California Health and Safety Code, testing for MTBE has been required at all underground storage tank sites since October 1997.

We have reviewed our case file regarding the subject site and find that previous soil investigations do not contain laboratory analytical test results for MTBE or other fuel oxygenates. Therefore, you are required to provide representative MTBE and other fuel oxygenates data for soils at the subject site.

At least one soil test boring is to be completed at the center of each soil contamination plume and/or release area (i.e., dispenser island area, underground storage tank area, and/or along pipelines). Soil borings at each location shall extend vertically downward until at least thirty feet of clean soils are demonstrated without any gasoline constituents (TPH_G, BTEX, MTBE or other fuel oxygenates), detected. Soil test borings shall not be drilled into groundwater at the site. If groundwater impacts are anticipated, then groundwater-monitoring wells are required to determine impacts to groundwater quality.

Soil samples shall be collected at 5-foot intervals in all borings for lithological soil description and chemical analyses by EPA Method 8015 for TPH_G and by EPA Method 8260B for benzene, toluene, ethylbenzene, xylene (BTEX) and fuel oxygenate compounds including MTBE, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA). All analytical data must be reported by a California-certified laboratory.

In order to expedite the investigation, a workplan is not needed to conduct the limited soil investigation. However, if the results of the investigation do not define the full extent of the soil contamination, or if there are potential groundwater impact, then a workplan to install

In order to expedite the investigation, a workplan is not needed to conduct the limited soil investigation. However, if the results of the investigation do not define the full extent of the soil contamination, or if there are potential groundwater impact, then a workplan to install groundwater-monitoring wells is required to be submitted with your technical report, containing the results of this investigation.

A Health and Safety Plan shall be prepared, made available to field personnel, and implemented while conducting the fieldwork. All work must be performed by or under the direction of the registered geologists or registered civil engineer. A statement is required in the report that the registered professionals in responsible charge actually supervised or personally conducted all the work associated with the project. All reports submitted to this office must conform to the "Guidelines for Report Submittals - Revised June 1993" published by the Los Angeles County Department of Public Works (copy enclosed).

Pursuant to Section 13267 of the California Water Code, you are hereby required to submit a technical report containing the results of the soil investigation by **June 15, 2000**. As indicated above, if the results of this investigation indicate that the full extent of soil contamination is not defined, then a workplan for supplemental soil and/or groundwater characterization is required to be submitted with your technical report due by **June 15, 2000**. Failure to comply with the due date may result in an enforcement action by the Regional Board of up to $1,000.00 per day for each day the report is not received. The Regional Board can assess these civil liabilities at any time after **June 15, 2000.**

Please notify us at least seven days prior to the date that you plan to commence site assessment activities. If you have any additional questions additional concerning soil testing and/or reporting requirements please contact Mr. John Chiang at (213) 576-6708 or me at (213) 576-6702.

Sincerely,

Gregg Kwey
Senior Water Resource Control Engineer

Enclosure: Guidelines for Report Submittal

cc: Mr. Jorge Leon, State Water Resources Control Board, Office of Chief Counsel

State of California

REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES OFFICE (Region 4)

Environmental Protection Agency

Site Inspection Sheet (1 of 3)

(Always take: a copy of the approved workplan with addendum(s), RB approval letter, Field book, Memo form to record significant changes, State ID card, hard hat, steel toe shoes, a camera, drinking water, lotion & other work with you. If possible wear Jeans & a long sleeve shirt.)

Site Name: UNITED CONCRETE PIPE File No.: I-00593A
Site Address: 14041 EAST LIVE OAK AVE, IRWINDALE Date: 10/26/99
Consulting Company Name: N/A Contact Person:

Registered [ ] Certified [ ] Geologist [ ] Civil Eng. [ ] REA [ ] Other [ ]
Drilling Company: N/A Driller's Name:
Regional Board Inspectors Name: JOHN CHIANG Unit Chief Initials:

See last page — Other Comments

WORK PLAN (Check all that apply)

Was the workplan approved by RB: Yes[ ] No[ ] Work is being performed as stated in the workplan: Yes [ ] No [ ]
Work deviated from
If the work is being p): Yes[ ] No [ ]
comments section l record changes in
Comments: d to the Board?

2/3/00 – David Devrics of HLA (949)-224-0050 called and informed that the current owner is: Mr. Tom Gast
Hughes Family Market
1100 W. Artesia Blvd
Compton, CA 90220
(310)-884-2879

H&S Plan on site:
H&S Adequate: Ye y all: Yes[ ] No[ ]
Wind Indicator on s lo[ ]
Work station upwin] No[ ]
PID/FID used on si n feet: [ ]
Date last calibrated / /]
Comments:

TYPE OF DRILLING EQUIPMENT USED AT THE SITE FOR THE FIELD WORK (Check all that apply)

Hand Augur [ ] g [ ]
Geophysical loc] Neutron[ ]
Do they have a for: SP[ ] Caliper [ ]
Resistivity [ ] site: Yes [ ] No [ ]
Comments:

2/3/00 – Called LACDPW
John Awijo (626)-458-3539
Asked for copies of the files
– will ask the permission to do that.
– He mentioned the closure letter from DK on 11/94.

Regular Soil E
Hydropunch:
Are blow count any [ ]
Soil type being g: Yes[ ] No[ ]
Munsel charts the logs: Yes[ ] No[
Is the soil borin olor of the soil: Yes[ ]
Material being es[ ] No[ ]
Bentonite Chip in comments below.
Comments:] Bentonite Pellets [ ]
ipe [ ] Direct Pour [

Revised on Dec

LOS ANGELES OFFICE (Region 4)
Site Inspection Sheet (1 of 1)

GROUNDWATER PUMP AND TREAT PILOT TEST (check all that apply)

In addition to the requirements on Page 1 and 2, this section must be filled out whenever applicable

Type of test being performed: Step (Draw) down/up test: Yes [ ] No [ ] Steady state draw down test: Yes [ ] No[ ]

Is depth & screen interval of all the concerned wells known: Yes[ ] No[ ] Is screen interval appropriate: Yes[ ] No[ ]

Were initial readings to depth of gw measured in all the wells on-site/off-site: Yes[ ] No[ ] How many wells:[ ]

Was free product found in any of the wells: Yes[ ] No[ ] In the pumping well: [ ] in other wells: [ ] How many: [ ]

How will this thickness in FP be accounted for if in the pumping well:

How will FP be accounted for in other wells:

At what time intervals will draw down be measured in pumping well:

At what time interval will draw down be measured in other wells:

Rate of draw down for 1st test: _____ gpm Duration of test: _____ min. Time for aquifer stabilization: _____ min.

2nd test: _____ gpm Duration of test: _____ minutes Time for aquifer stabilization: _____ min.

3rd test: _____ gpm Duration of test: _____ minutes Time for aquifer stabilization: _____ min.

If continuos draw down what is the rate of flow: _____ gpm Duration of test: _____ min.

Method of measurement of flow: Flow meter [ ] 5 gallons bucket [ ] Other means:

How is the draw down being measured in the pumping well: data logger [ ] keck/solinest [ ] Others:

How many other wells are used for measuring draw down: [ ] Distance to the nearest well: _____ feet

Distance to the farthest well: _____ feet Maximum draw down recorded in the pumping well: _____ feet

Max. draw down in the nearest well: _____ feet Max. draw down in the farthest well: _____ feet

Comments:

VAPOR EXTRACTION PILOT TEST (check all that apply)

In addition to the requirements on Page 1 and 2, this section must be filled out whenever applicable

Has the pilot test been approved: Yes[ ] No[ ] Are design parameters known: Yes[ ] No[ ]

Is the equipment appropriate for the test: Yes[ ] No[ ] Are all the gauges working properly: Yes[ ] No[ ]

Is permit to operate the system on-site: Yes[ ] No[ ] Is screen interval known of the wells to be tested: Yes[ ] No[ ]

Time test started: _____ Time test stopped: _____ Duration of test: _____

Actual flow rate: _____ SCFM What gauge was used to measure flow rate: _____

Is vacuum recorded in all the wells: Yes[ ] No[ ] Max. vacuum in the extraction well: _____ in ″ of water

What is max. vacuum in the nearest well: _____ What is max. vacuum in the farthest well: _____

Comments:

OTHER COMMENTS

The purpose of this inspection is to determine who is the RP of the site. On 10/26/99, I visited the site and found the site is a vacant lot, nothing on the ground.

File indicated that all tanks had been removed in 1992, and no further action was issued to this case by WIP on 12/15/92. At that time, LACDPW was the lead agency. However, for some reason, LACDPW referred this case back to us and the case was reopened on 3/15/93. Since then, no one handles this case until NB attempted to request for additional information on 5/20/98.

Recommend continues to investigate for more information from local agency and to identify the RP.



10/26/99 I-00593A

Vacant Lot - Front View



10/26/99 I-00593A

Vacant Lot - Back view

California Regional Water Quality Control Board

Los Angeles Region

101 Centre Plaza Drive, Monterey Park, California 91754-2156
Phone (323) 266-7500 FAX (323) 266-7600
Internet Address: http://www.swrcb.ca.gov/~rwqcb4

Winston H. Hickox
Secretary for Environmental Protection

Gray Davis
Governor

February 23, 1999

Mr. Norb Parsoneault
Hughes Market
2716 San Fernando Rd
Los Angeles, CA 90065

NEW LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS ON THE CORRECTIVE ACTION PROCESS PURSUANT TO RECENT AMENDMENTS TO THE HEALTH AND SAFETY CODE AND THE PORTER COLOGNE WATER QUALITY CONTROL ACT
FORMER UNITED CONCRETE PIPE, 14041 E. LIVE OAK AVE., IRWINDALE (I-00593)

Dear Mr. Parsoneault:

Your case has been referred to our office recently. The California Regional Water Quality Control Board, Los Angeles Region, is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses within Los Angeles and Ventura counties. As such, we are the lead regulatory agency for overseeing corrective action (assessment and/or monitoring activities) and cleanup of releases from leaking underground storage tank systems at the subject site.

Pursuant to recent changes of the California Health and Safety Code Chapter 6.75 (Section 25299.37.2) and Division 7 of the Porter Cologne Water Quality Control Act under AB 681, the Regional Board is required to notify all current fee title holders for the subject site or sites impacted by releases from underground storage tanks prior to considering corrective action and cleanup or case closure. Since you are identified as the current primary or active responsible party for corrective action and/or cleanup at the subject site, we are requesting that you provide us with a complete mailing list of all record fee title holders for the subject site. Therefore, please provide the name, mailing address, and telephone for all record fee title holders for the subject site together with a copy of county record of current ownership (grant trust deed), available from the County Recorder

If site assessment and/or monitoring data provided for corrective action work ongoing at the subject site indicate that release(s) from the underground storage tank systems have impacted offsite property, then please provide the name, mailing address, and phone number for all record fee title holders for the subject site and any offsite property(ies) impacted by releases from the subject site, together with a copy of county record of current ownership (grant trust deed), available from the County Recorder's Office, for each property affected for verification.

Please submit the requested information to the Regional Board by March 10, 1999, If you need additional information, please contact me at (323) 266-7547 or gkwey@rb4.swrcb.ca.gov.

Sincerely,

GREGG K. KWEY
Senior Water Resource Control Engineer

California Regional Water Quality Control Board

Los Angeles Region

101 Centre Plaza Drive, Monterey Park, California 91754-2156
Phone (323) 266-7500 FAX (323) 266-7600
Internet Address: http://www.swrcb.ca.gov/~rwqcb4

Winston H. Hickox
Secretary for Environmental Protection

Gray
Gov

February 23, 1999

Mr. Norb Parsoneault
Hughes Market
2716 San Fernando Rd
Los Angeles, CA 90065

NEW LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS ON THE CORRECTIVE ACTION PROCESS PURSUANT TO RECENT AMENDMENTS TO THE HEALTH AND SAFETY CODE AND THE PORTER COLOGNE WATER QUALITY CONTROL ACT
FORMER UNITED CONCRETE PIPE, 14041 E. LIVE OAK AVE., IRWINDALE (I-00593)

Dear Mr. Parsoneault:

Your case has been referred to our office recently. The California Regional Water Quality Control Board, Los Angeles Region, is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses within Los Angeles and Ventura [illegible] such, we are the lead regulatory agency for overseeing corrective [illegible]tivities) and cleanup of releases from leaki[illegible]

Pu[illegible]ection 25299.37.2) and Di[illegible]al Board is required to no[illegible] underground storage tan[illegible] are identified as the cur[illegible] subject site, we are req[illegible]s for the subject site. The[illegible] title holders for the sub[illegible]), available from the Cou[illegible]

If sit[illegible] at the subject site indic[illegible]site property, then pleas[illegible]lers for the subject site a[illegible] recor[illegible]) a copy of county affect[illegible] Recorder's Office, for each propert

10/14/99 Called Paul of Woodward-Clyde — has not handled this case for at least 6 years. — No info.

Please submit the requested information to the Regional Board by March 10, 1999, If you need additional information, please contact me at (323) 266-7547 or gkwey@rb4.swrcb.ca.gov.

Sincerely,

GREGG K. KWEY
Senior Water Resource Control Engineer

California Regional Water Quality Control Board
Los Angeles Region

eter M. Rooney
Secretary for Environmental Protection

101 Centre Plaza Drive, Monterey Park, California 91754-2156
Phone (323) 266-7500 • FAX (323) 266-7600

Pete Wilson
Governor

TO: Ms. Arleen Lily
Fax (714) 667-7147

FROM: Nhan Bao

LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD

DATE: 8/12/98

SUBJECT: UNITED CONCRETE PIPE
14041 EAST LIVE OAK AVENUE, IRWINDALE

As discussed in our phone conversation today, I am trying to locate the staff from your company who worked on this case. We have very little information in our file on this case. Attached please find a copy of the March 15, 1993, letter from Los Angeles County Department of Public Work and three maps showing the location of the site.

Please call me at (323) 266-7561, if you have any new information on this case. Thank you in advance for your assistant.

Site appears vacant lot.
Check assessor's office

Cal/EPA

Los Angeles Regional Water Quality Control Board

101 Centre Plaza Drive
Monterey Park, CA
91754-2156
(213) 266-7500
FAX (213) 266-7600

NB

Pete Wilson
Governor

May 20, 1998

Mr. Norb Parsoneault
Hughes Market
2716 San Fernando Rd.
Los Angeles, CA 90065

UNDERGROUND TANKS PROGRAM
REQUEST FOR ADDITIONAL INFORMATION
14041 EAST LIVE OAK AVENUE, IRWINDALE (I-00593A)

I am in the process of reviewing your Underground Storage Tank (UST) case file for possible closure. The file does not contain all the information necessary for me to make a decision concerning your site.

In order for us to make a decision for closure of your UST site, we will need the following information:

___X___ a. Tank removal and/or repair information (include dates and if free product was discovered, was it removed?)

___X___ b. Scaled site map showing the location of all former and existing tanks

___X___ c. Tabulated soil sample analytical results

___X___ d. The laboratory Quality Assurance/Quality Control protocol

___X___ e. Information on site geology (brief description) including groundwater gradient direction.

___X___ f. The soil boring logs

___X___ g. The depth to drinking water aquifer.

Please provide this information to our office by **July 15, 1998**.

If you have any questions, please call Nhan Bao at (213) 266-7561.

Sincerely,

Nhan Bao
Sanitary Engineer Associate

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1

March 15, 1993

IN REPLY PLEASE
REFER TO FILE
I-593

MR DAVID KOO
CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
101 CENTRE PLAZA DR
MONTEREY PARK CA 91754-2156

Dear Mr. Koo:

UST LOCAL OVERSIGHT PROGRAM (LOP) REVIEW SHEET
LEAD AGENCY TRANSFER
CLOSURE PERMIT NO. 8058B
LOCATION: HUGHES MARKET, 14041 E. LIVE OAK AVENUE, IRWINDALE

As discussed in our meeting on February 18, 1993, it was agreed that the RWQCB would assume lead agency status for the above mentioned property.

We are therefore, rejecting the site from our Local Oversight Program. We do request that our agency be carbon copied on all letters regarding the status of the project.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Yvonne M. Taylor
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

PD

Reviewed Nader Ahmadiem
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:rm
WP/593-1

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

March 15, 1993

IN REPLY PLEASE
REFER TO FILE I-593

MR NORB PARSONEAULT
HUGHES MARKET
2716 SAN FERNANDO RD
LOS ANGELES CA 90065

UST UNIT
REGISTERED
CHECKED I-00593
DATE 4/3/98
STAFF RE WIP

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM (LOP)
LEAD AGENCY TRANSFER
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 EAST LIVE OAK AVENUE, IRWINDALE

As discussed in our meeting held on February 18, 1993, between your consultant Woodward Clyde, the Regional Water Quality Control Board (RWQCB) and our agency it was concluded that the site be referred to the (RWQCB) for Lead Agency status. This was due to the concern for possible vapor transport and the sensitivity of the site location within the San Gabriel Well Investigation Program.

The site will be rejected from our LOP and no further costs will be billed to you for this project. We do request, however, that our agency be carbon copied on all reports regarding the status of the project for our records.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Yvonne M. Taylor
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

PP

Reviewed Nicole Long
for Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:rm
WP/593

cc: Mr. David Koo, California Regional Water Quality Control Board
Mr. Allistaire Callender, Woodward Clyde
Mr. Hubert Kang, CRWQCB

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 1, 1993

IN REPLY PLEASE REFER TO FILE I-593

MR NORB PARSONEAULT
HUGHES MARKET
2716 SAN FERNANDO RD
LOS ANGELES CA 90065

Dear Mr. Parsoneault:

STATUS REQUEST
HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 E. LIVE OAK AVENUE, IRWINDALE

You were notified on September 17, 1992, to submit additional information on or before October 30, 1992. As of this date, our records show that you have not responded. Please be advised that the required information must be submitted along with a update on the status of the project to this office by February 26, 1993.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P.O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Yvonne M. Taylor
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed P. A. Proano
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:rm
WP/593-2

cc: Mr. Richard Kaumeyer, California Regional Water Quality Control Board
Mr. Alistaire Callender, Woodward Clyde

RWQCB
Contact
David Koo
213 266-7534
San Gabriel WIP

I-593

January 19, 1993

As per my telephone conversation with Mr. Richard Kaumeyer of Regional Water Quality Control Board. It was discussed that no additional information/reports have been submitted to either agency. Mr. Kaumeyer, informed me that vent wells have been installed and their consultant Woodward Clyde is putting the report together. He also informed me that they may be reconsidering the in-situ Bio-remediation proposal as not a feasible alternative. The RWQCB, would like to see VOC vapor sampling (air). If vapor concentrations are high vapor extraction may be required. Heavy hydrocarbons may be allowed to be left in place, however, the RWQCB would want a groundwater monitoring well. If groundwater contamination is high it is possible more groundwater monitoring wells would be required. Mr. Kaumeyer will be given a chance to comment on the RAP.

Signature

YMT:rm
WP\593-3

e No. 593

SITE SPECIFIC STATUS SHEET

Project Manager: YMT Inspector: TC Local Oversight Status: I Date of Printing: 09/22/92

SITE NAME & ADDRESS:	RESPONSIBLE PARTY NAME & ADDRESS:	CONSULTANT NAME & ADDRESS:
United Concrete Pipe	Hughes Market	Woodward - Clyde
14041 E. Live Oak Avenue	Norb Parsoneault	
Irwindale ,CA 91706	2716 San Fernando Road	2020 E. First Street, #400
	Los Angeles CA 90065	Santa Ana, CA 92705
Additional RPs? N	(818) 337-1211 FAX:	(714) 835-6886 FAX: (714) 667-7197

SCAQMD Permit?	Soil Contamination? Yes	GW Contamination?
Health & Safety Plan?	Deepest Contamination: 85' ft	Gradient (ft/ft & dir):
Remedial Actions Taken:	High Contam Level (ppm): 17,000	GW Contam Level (ppb) :
Predominate Soil Type: ROCKS & COBBLES		Depth to GW - actual : ft
Source of Release:		- historic: ft
Probable Contaminants: w/o		- regional: 159 ft
	GW Depth Source:	

Date Corresp Sent/Recd	INCOMING Date on Letter	Rev By	Letter Number	OUTGOING Ltr By	Reply Recd	Summary of Correspondence I- 593
08/02/88						Permit 4654B pulled - 500 gallon concrete sump
01/12/89						Discovery of 3k tank beneath the sump
03/16/89						Permit 5418B pulled - 3k-w/o
06/26/89						LETTER (to Nicole Long) - confirming verbal agreement to backfill pit.
12/05/89			8906118			OOOOURE REPORT (Terra Tech) - they excavated and sampled, all results are below 100 ppm, 8020 was ND. Soil hauled away = 150 tons (6 manifest), excavated down to = 17'. Report discussed, the 3k w/o tank.
04/04/90				PAP	*	NOTICE TO RP
06/12/90						ADDITIONAL INFO (from United) - chronology of events; plot plan showing sump above 3k tank
07/06/90				YMT	?	Closure Review - discuss removal of 500 gallon. Sump removed 3/23/90
10/29/90	10/18/90	YMT	PP001052			RESPONSE (Woodward-Clyde) - there was an attempt to make it all one permit; 500 gallon sump was located directly above the 3k tank, see layout of sump and tank.
12/03/90				YMT	?	DPW Review - need wet signature from
12/06/90						Spoke with Tom Zeb - they just complied the data. No signature required. See Terra Tech. closure report.
02/25/91				YMT	*	CLOSURE CERTIFICATE 4654B & 5418B
03/21/91						Permit 7963B Pulled 2-10K Diesel & unl tanks.
01/27/92	01/27/92	YMT	9200412			INVEST OIL TANK
02/05/92	01/14/92	YMT	PP200396			SITE ASSESSMENT REPORT/TANK CLOSURE REPORT (8058B) A waste oil contamination down to 85'. 5 borings drilled to 100 feet or 50'. Had to use a air percission drill rig.
02/10/92	02/07/92	YMT	9200614			TANK CLOSURE REPORT (7963B) 2-10K Tanks
03/31/92				YMT	N	Investigation of Waste Oil Tank & TCR Review (YMT)
04/16/92						Permit 8058B Pulled - 1-2K Waste Oil.
05/21/92	05/19/92	YMT	PP201536			Rec'd RAP for 8058B In-Site Bio, propose two borings to 100-125'.
9-17-92						DPW Review (YMT) A Consultant DHS for Variance, provide plot plan showing location of proposed borings.
1/19/93						Per conversation w/ Richard Kaumeyer RWQCB
__/__/__						(See notes)
__/__/__						
2/__/93						DPW STATUS REQUEST

Comments:

UST LOCAL OVERSIGHT PROGRAM - SITE ADD SHEET
date of printing: 09/22/92

**** S I T E I N F O R M A T I O N ****

site ID: 593 Site Name: United Concrete Pipe
Street: 14041 E. Live Oak Avenue
City: Irwindale ,CA 91706

Project Engineer: Taylor Inspector: TC

**** Q U A R T E R L Y R E P O R T I N F O R M A T I O N ****

Funding (S/F): F Federal Exempt? (Y/N): N Petroleum? (Y/N): Y
Substance (code): 12035 Waste Oil Date Reported (to county): 12/05/89
Case Type (U/S/G/D): S Date Confirmed (into LOP): 03/16/90
LUFT Category (1/2/3): 2 Contract Status (1-9) : 5

RP Search (S/I/R/N/_):	Date Begin: 03/16/90	Date End: 03/16/90
Prelim Investigation (U/C): C	Date Begin: 02/05/92	Date End: 04/16/92
Site Assessment (U/C): U	Date Begin: 05/21/92	Date End:
Remedial Action (U/C):	Date Begin:	Date End:
Post Rem. Monitor (Y/N/U/C):	Date Begin:	Date End:

Enforcement Act. Taken? (Y/N): Y Type: 1 Case Closed? (R/Y/_):
Date Last Correspondence Received: Date Case Closed :
Date Remedial Excavation Started : Date Case Rejected :
Remedial Actions Taken (code) : Rejected to:(RB/UST/DHS): RB

**** R E S P O N S I B L E P A R T Y A D D R E S S ****

Multiple RPs? (Y/N): N
RP Contact Name: Norb Parsoneault FAX:
RP Company Name: Hughes Market Phone: (818) 337-1211
Street: 2716 San Fernando Road
City: Los Angeles CA 90065

Additional RPs:

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

September 17, 1992

IN REPLY PLEASE
REFER TO FILE I-593

Mr. Norb Parsoneault
Hughes Market
2716 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM REVIEW SHEET
WORKPLAN TO CONDUCT REMEDIAL INVESTIGATION
PREPARED BY: WOODWARD CLYDE
REPORT DATE: MAY 18, 1992
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 EAST LIVE OAK AVENUE, IRWINDALE

This office has reviewed the subject document. Please be advised that prior to approval of the in-situ bioremediation project, the Department of Toxic Substances Control must be informed and a variance obtained. Please contact Paul Hadley at (916) 324-3823 for more information regarding this matter. Also, additional investigation was proposed, however, the plot plan provided by Williamson and Schmid does not clearly show the location of the former waste oil tank, previous boring locations, and proposed boring locations.

Please submit a revised plot plan to this office by October 30, 1992.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site. The Los Angeles County Department of Public Works may disregard the work performed if the County was not properly notified.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

SG By Yvonne M. Taylor
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed P. A. Proano
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:tr/PP201536/May 21, 1992
WP/593-1

cc: Mr. Richard Kaumeyer, California Regional Water Quality Control Board
Mr. Alistaire Callender, Woodward Clyde

call Consultant

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

August 17, 1992

Who are the RP's should they be CC'd?

IN REPLY PLEASE REFER TO FILE I-593

Mission-Koll I
818 West 7th Street, Suite 700

ONE SITE NL
ONE FILE NUMBER
TWO RPs
TWO DIFFERENT TANK LOCATIONS
Mission Koll I has not been Named as a RP. Who are the RPs
They as of this time should not be named an RP. no contam detected. YMT

As of this time no contamination has been detected at this location of the site. This is a large parcel with many different owners. Only one RP has been named see attached letter

ed. Please indicate if the pump island
s are required as specified in closure

92.

prior to commencing any significant
Angeles County Department of Public
perly notified.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed _____
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

Why are we handling this?

YMT:tr
WP/593

cc: California Regional Water Quality Control Board
Woodward-Clyde Consultants

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

call consultant

August 17, 1992

Who are the RP's should they be CC'd?

IN REPLY PLEASE REFER TO FILE I-593

Mission-Koll I
818 West 7th Street, Suite 700
Los Angeles, CA 90017

As of this time no contamination has been detected at this location of the site. This is a large parcel of land with many different owners. Only one RP has been named

UST LOCAL OVERSIGHT PROGRAM REVIEW SHEET
TANK CLOSURE REPORT
PREPARED BY: WOODWARD-CLYDE CONSULTANTS
REPORT DATE: FEBRUARY 7, 1992
CLOSURE PERMIT NO. 7963B
LOCATION: 14041 EAST LIVE OAKS AVENUE, IRWINDALE

The report documenting the removal of two fuel tanks has been reviewed. Please indicate if the pump island associated with the fuel tanks was investigated. If it was not, samples are required as specified in closure permit.

Submit the requested information to this office by September 30, 1992.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site. The Los Angeles County Department of Public Works may disregard the work performed if the County was not properly notified.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

See attached letter

Why are we handling this?

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed _____
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:tr
WP/593

cc: California Regional Water Quality Control Board
Woodward-Clyde Consultants

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

March 31, 1992

IN REPLY PLEASE
REFER TO FILE

I-593

Mr. Norb Parsoneault
Hughes Markets
2716 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Parsoneault:

UST LOCAL OVERSIGHT PROGRAM REVIEW SHEET
INVESTIGATION OF WASTE OIL TANK AND TANK CLOSURE REPORT
PREPARED BY: WOODWARD-CLYDE CONSULTANTS
REPORTS DATED: DECEMBER 1991 AND JANUARY 14, 1992
CLOSURE PERMIT NO. 8058B
LOCATION: 14041 EAST LIVE OAK BOULEVARD, IRWINDALE

As discussed in our meeting on February 20, 1992 with Allstaire Callender of Woodward-Clyde and Richard Kaumeyer of the California Regional Water Quality Control Board, our agency is requesting additional investigation to further define the lateral limits of the petroleum contamination.

Although Boring B8 (drilled approximately 35 feet southeast of the tank) stepped out in the clean soil, the extent of contamination toward the northeast, southwest, and northwest remains undefined by laboratory analysis. Borings should step out into clean soil and encircle the plume.

It is understood that due to the underground utilities and the close proximity of Arrow Highway it would be difficult to drill toward the northeast. However, measures should be taken to determine the possibility of obtaining an encroachment permit to drill in the street.

Also, since it is uncertain as to the historical high groundwater level, it is advised that the investigation extend vertically to a minimum depth of 25 feet below the deepest detectable contamination. Selected soil samples should be analyzed for volatile organics and as mentioned by Richard Kaumeyer of the California Regional Water Quality Control Board soil test should be run for PCB's due to the presence of transformers on the site.

It was discussed that an in situ form of bioremediation is being considered, however, feasibility tests need to be conducted. We require that the State Department of Health Services, Office of Alternative Technologies be notified of this proposed remediation and their requirements be met prior to approval from our office. Please provide this agency with a workplan discussing the next phase of site investigation and remediation by April 30, 1992.

Notify Dave Lobato at (818) 458-4374 a minimum of 72 hours prior to commencing any significant investigation, remediation, or assessment activities on site. The Los Angeles County Department of Public Works may disregard the work performed if the County was not properly notified.

Correspondence should be submitted in duplicate to the Los Angeles County Department of Public Works, UST Local Oversight Program, Annex Building, P. O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Yvonne M. Taylor
Yvonne M. Taylor
UST Local Oversight Program
Waste Management Division

Reviewed P. A. Proano
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

YMT:ts
WP/593

cc: Mr. Richard Kaumeyer, California Regional Water Quality Control Board
Woodward-Clyde Consultant

I -593

21-91 Permit 7963B Pulled
1-10K Diesel Fuel
1-10K Unleaded

RP: Mission-Koll I
818 W. 7th ST Suite 700
L.A. Ca 90017

file Numbe

6-91 Permit 8058B Pulled
1-2K waste Oil

RP: Hughes Markets
Norb Parsoneault
2716 San Fernando Rd
L.A. Ca 90065

OVER

Islands (never sent out)

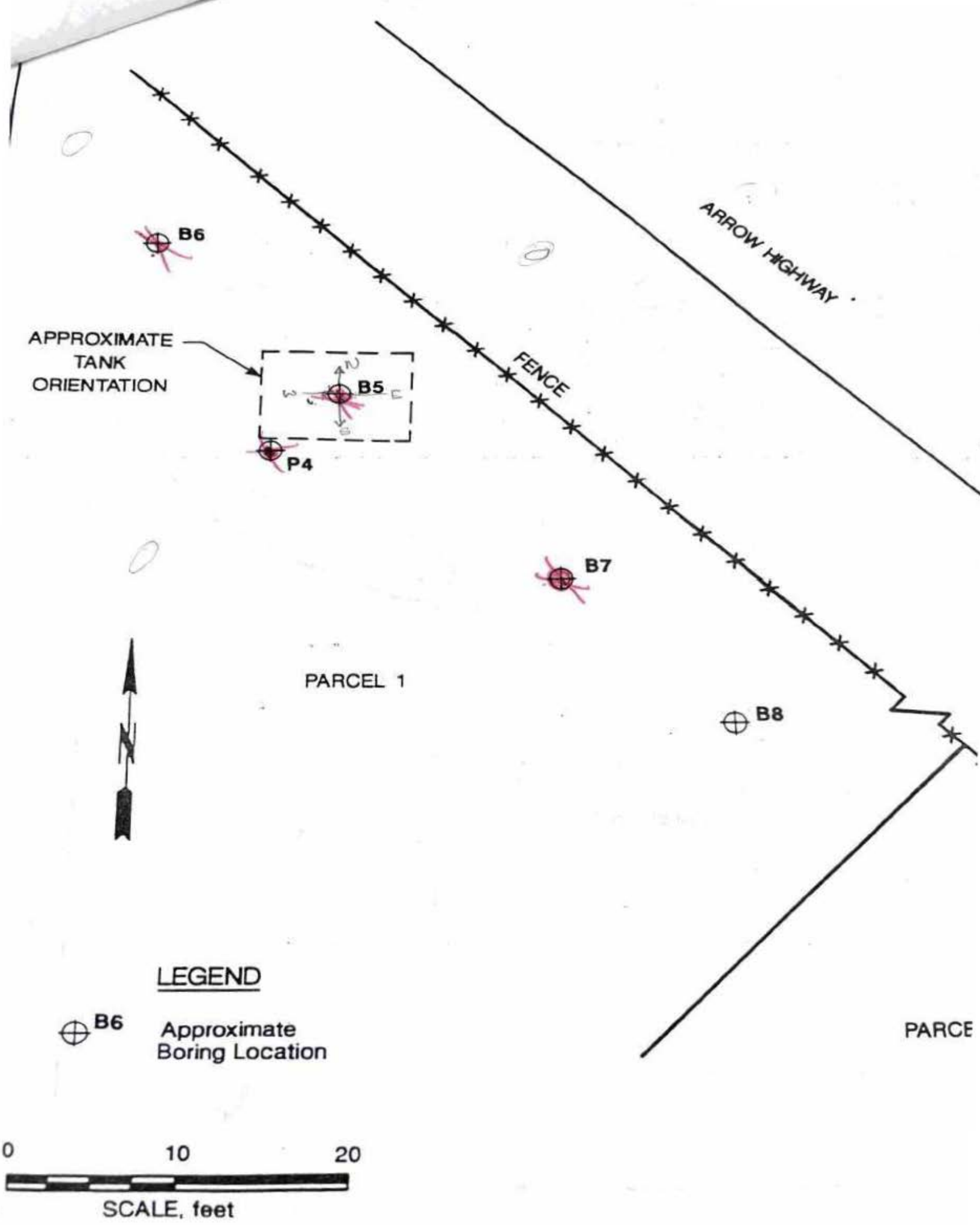
1-27-92 TCR/SAR (Woodward Clyde) Permit (8058B)
Contamination dected under Tank
down to 85' and in 4 of 5 borings
Further lateral invest is required

3-31-92 DPW TCR/SAR Review (8058B) - Additional
invest required to NE, SW, & NW.
Contact Alternative Tech for proposed in-situ
Bioremediation. Test for PCBs

2-10-92 TCR (7963B) Two - 10K Tanks Removed
North end of diesel tank came up
contam (186 ppm). Excavated 3 cubic
yard and resampled. All samples
came up clean. Soil was used
for grading purpose.

- - 92 DPW TCR Review (7963B) - Provide X-Sections
and indicate use excavated soil. Pump
Islands (never sent out)


SANTA FE FLOOD CONTROL BASIN
IRWINDALE
ARROW HWY
LIVE OAK LN
FRWY
SANTA FE
DAM
LIVE OAK AV
ARROW HWY
RIVERGRADE RD
COMMERCE DR
ACCESS RD
E SAN GABRIEL RIVER
CLEARCREST DR
CRAGMONT ST
SANDSTONE ST
NUBIA
CHILCOT
CALAIS
ANADA
MASLINE
OLIVE
CALIFORNIA AV
BALDWIN AV
SCHOOL
GATES ST
BROOKS DR
SPRING ST
BELLBROOK
BENWOOD
BENBOW
OHIO ST
ROCKENBACH
BELGATE
DEMBLON ST
CAVETTE PL
HALLWOOD DR
ESTELLA ST
BALDWIN PARK
LOS ANGELES
FOUNTAIN CT
SHADY LAWN PL
PALM AV
MORGAN ST
CLARK
BALLENTINE PL
SHADYLAWN PL
PARK SHADOW CT
PALM ROSE ST
MAINE
ALDERSON
BLVD
BADILLO AV
RAMONA
ELWYN DR
BELLGREEN ST
LUBICAN ST
11267
11367
11429


B6
ARROW HIGHWAY
APPROXIMATE
TANK
ORIENTATION
B5
FENCE
P4
B7
PARCEL 1
B8
LEGEND
B6
Approximate
Boring Location
PARCE
0
10
20
SCALE, feet

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE:
I-593-3S

July 6, 1990

Mr. Bill Richardson
United Concrete Pipe
P.O. Box 429
Baldwin Park, CA 91706

Dear Mr. Richardson:

UST PILOT PROGRAM REVIEW SHEET
HAZARDOUS MATERIALS UNDERGROUND STORAGE
TANK CLOSURE REPORT
CLOSURE PERMIT NO. 4654B AND 5418B
FACILITY: 14041 EAST LIVE OAK AVENUE

This office has reviewed the subject document(s) submitted on December 5, 1989. The comments in this letter must be addressed and submitted to this office by ~~July 30, 1990~~.

In order to better evaluate the Tank Closure Report, the information indicated on the note below must be submitted.

Note: Discuss the removal (Permit No. 4654B) of the 500 gallon concrete sump which was removed March 23, 1989. Discuss the use of diesel fuel used as a releasing agent for concrete pipe molds.

Mineral Oil

You are cautioned that any contaminated soils or hazardous materials generated during the approved operation must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.5, unless evidence is presented indicating that the material may be disposed of at a less restricted facility. Copies of all completed manifests shall be submitted to this office as part of the final report.

Correspondence should be submitted to the Los Angeles County Department of Public Works, UST Pilot Program, Annex Building, P.O. Box 1460, Alhambra, CA 91802-1460.

Correspondence should be submitted to the Los Angeles County Department of Public Works, UST Pilot Program, Annex Building, P.O. Box 1460, Alhambra, CA 91802-1460.

If you have any questions regarding this matter, please contact Yvonne M. Taylor at (818) 458-3980.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Yvonne M. Taylor
Yvonne M. Taylor
UST Pilot Program
Waste Management Division

YM

Reviewed P. A. Proano
Pat Proano, P. E.
Supervising Civil Engineer II
Waste Management Division

Enc.

cc: California Regional Water Quality Control Board
Rudy's Service Station

PP100 4/90

ts(4)/593

UNITED
CONCRETE PIPE
CORPORATION

YMT

FILE 593-35

August 2, 1989

County of Los Angeles
Department of Public Works
Waste Management Division
900 S. Fremont Avenue
Alhambra, CA 91803-1331

Attention: John Awuja

Dear John:

Here is a chronology of events concerning the removal of the 500 gallon concrete sump and 3000 gallon steel tank that had been used for waste oil collection and storage.

4-10-87	HMUSP No. 157 (includes waste oil sump as tank No. 8)
10-5-87	Test Boring Report (Hydrosolutions)
8-2-88	Permit 4654B pulled for 500 gallon concrete drain oil sump
1-12-89	Discovery of 3000 gallon steel tank
3-16-89	Permit 5418B for 3000 gallon steel tank only (pulled by Rudy's)
*3-31-89	Tank cleaned, inspected and removed soil samples S1 and S2 collected
4-13/14-89	Excavation of contaminated soil 9 samples tested by mobile lab
5-31-89	Material divided into 5 piles
*6-1-89	Each pile sampled
*6-15/16-89	All material screened
6-19-89	Fines (-1 inch) hauled to Casmalia
6-19/23-89	Excavation backfilled
6-26-89	Letter to Nichole
7-14-89	Report from Terra-Tech
8-1-89	Discovered permit 5418B covered only 3000 gallon tank

*Tony Palagyi of your Arcadia office was present

YMT

NITED
CRETE PIPE
PORATION

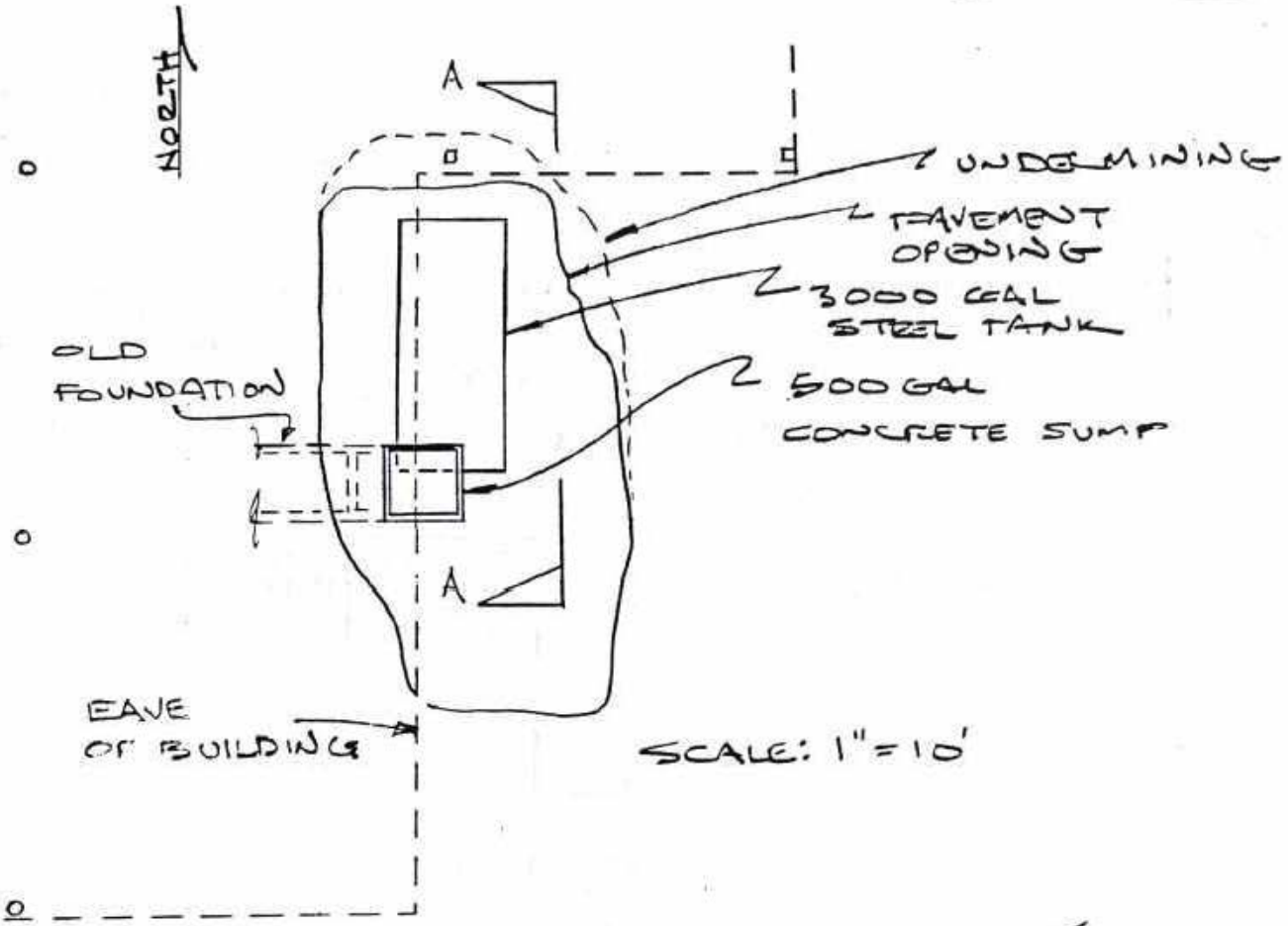
ENGINEERING CALCULATIONS

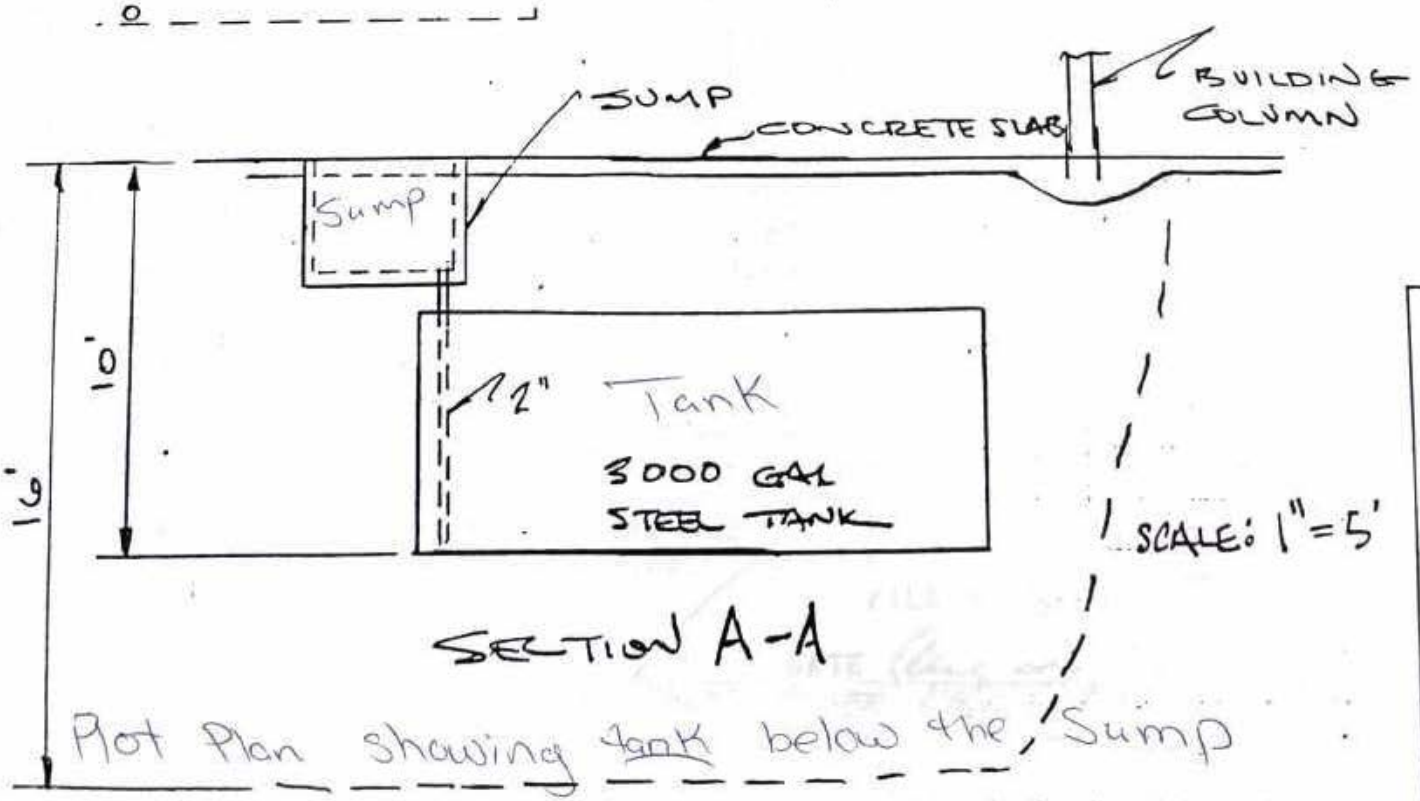
NO.

PTION FDP WASTE OIL SYSTEM SHEET OF

DATE 8/2/89

FOR LAYOUT OF SUMP & TANK COMP. BY C'K'D BY





SECTION A-A

Plot Plan showing tank below the Sump

DATE
TITLE

N FOR CLOSURE
MATERIALS UNDERGROUND STORAGE
LOS ANGELES DEPARTMENT OF PUBLIC WORKS
NAGEMENT DIVISION
AZAR STREET
ELES, CALIFORNIA 90033

RECEIVED
1 1988
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

4654

VOID

UNITED CONCRETE PIPE CORPORATION

RESS 14041 E. Live Oak Ave. CITY Irwindale STATE CA ZIP 91706

LITY:
AME UNITED CONCRETE PIPE CORPORATION
ITE ADDRESS 14041 E. Live Oak Ave. CITY Irwindale ZIP 91706
MAILING ADDRESS P.O. Box 429 CITY Baldwin Park STATE CA ZIP 91706
CONTACT PERSON Fritz Gobler TITLE Prin. Mech. Engr. PHONE (818) 337-121

CLOSURE REQUESTED:
☒ TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
EFFECTIVE DATE OF CLOSURE 6-1-88
DATE OPERATION WILL RESUME 6-1-89
☐ PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION
(REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
☐ PERMANENT, TANK(S) IN PLACE
(REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

TANK NO.	MATERIAL	AGE (YEARS)	CAPACITY (GAL)	MATERIALS STORED (PAST AND PRESENT)
8	Concrete		500	Drain Oil - Has been empty for several years

	YES	NO
HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE?	☒	☐
HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS?	☐	☒
WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE?	☐	☒
WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED?	☐	☒

F THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

PPLICANT'S SIGNATURE _____ DATE 7-22-88
WNER ☒ OPERATOR ☐ CONTRACTOR
STATE LICENSE NO.

O BE COMPLETED BY THE COUNTY ENGINEER

BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED $ 141.00
PERMIT NO 4654B
FILE NO 593 R/C 35

_____ DATE Aug 2, 1988

TO ARRANGE FOR AN INSPECTION, TELEPHONE ROGER HARBEE (818) 574-0962

HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

(2)

Permit 5418 B
File 593 R/C 35
Fee $ 141.00
Check [X] Cash [ ]

MT

OWNER: Name UNITED CONCRETE PIPE Phone 818-337-1211
Mailing Address 14041 E. LIVE OAK AVE City BALDWIN PARK State CA Zip 91706

FACILITY:
Occupant Name UNITED CONCRETE PIPE Phone 818-337-1211
Site Address 14041 E. LIVE OAK AVE City BALDWIN PARK Zip 91706
Mailing Address SAME City SAME State Zip SAME
Contact Person BILL RICHARDSON Title FOREMAN

CONTRACTOR [ ], complete below: OWNER/OPERATOR AS CONTRACTOR [X]
Name RUDY'S SERVICE STATION MAINT. INC Phone 818-443-0181
State License No. 535465 Class C61-D40

CLOSURE REQUESTED:
[ ] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Construction Material	Age (Years)	Capacity (gal)	Materials Stored (Past/Present)
1	STEEL	15	3,000	WASTE OIL

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Have structural repairs ever been made to these tanks?	[ ]	[X]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature Ruby Argandona Date 3-16-89
(Print Name) RUBY ARGANDONA Phone 818-443-0181
Owner [X] Operator [ ] Contractor [ ]

==========TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS==========

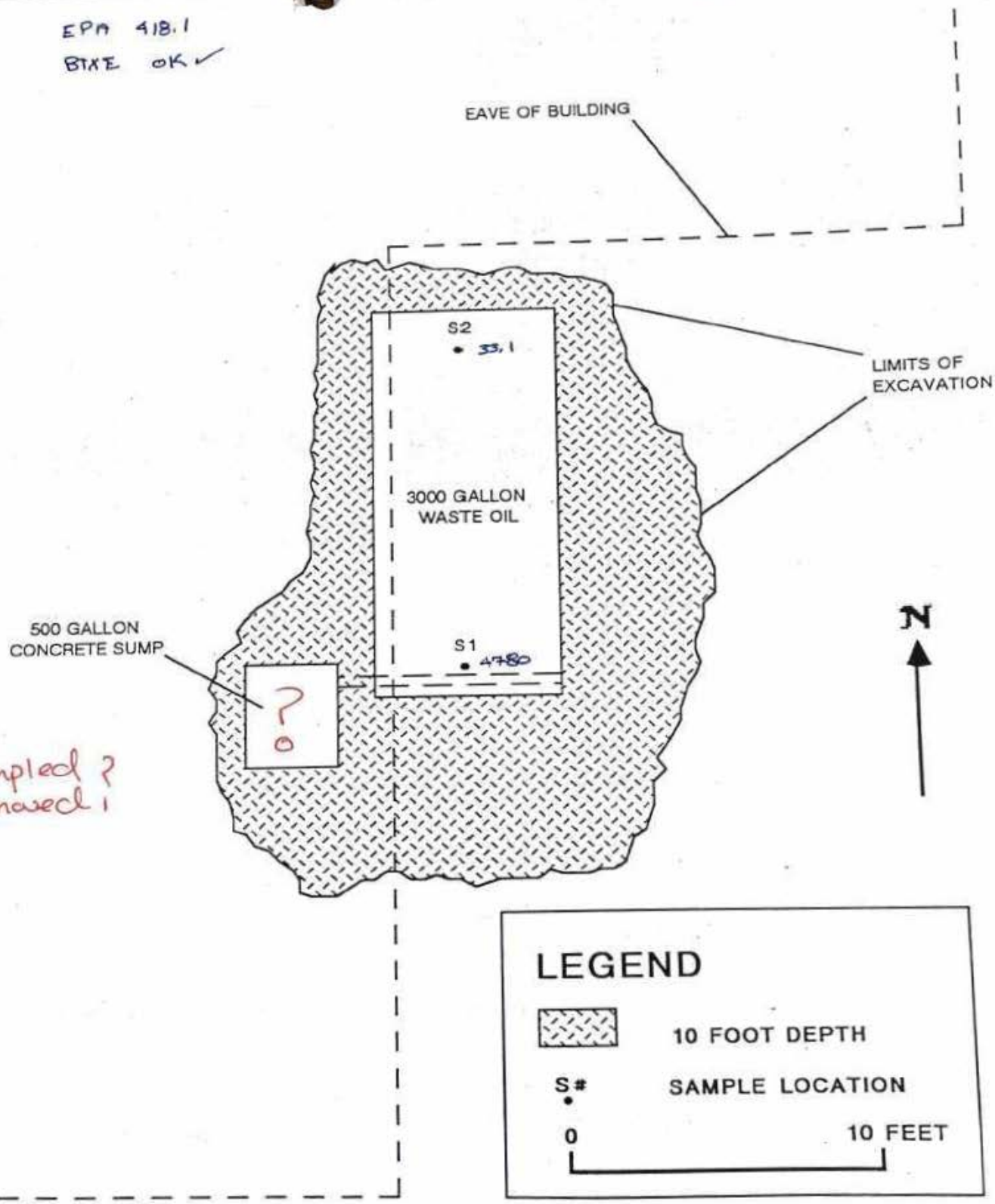
PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

By [signature] Date 3/16/89

CLOSURE REPORT DECS 1989

EPA 418.1
BTXE OK ✓



Sampled ? Removed ?

TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE 16371 Gothard Street, Suite G Huntington Beach, CA 92647	FIGURE 1 - SITE PLAN United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	PROJECT NUMBER: 1026-12 DATE: 03-31-89

TECH

3-31-89
Tony Palagyi
was on
site

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR & MAINTENANCE, INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK, CALIFORNIA

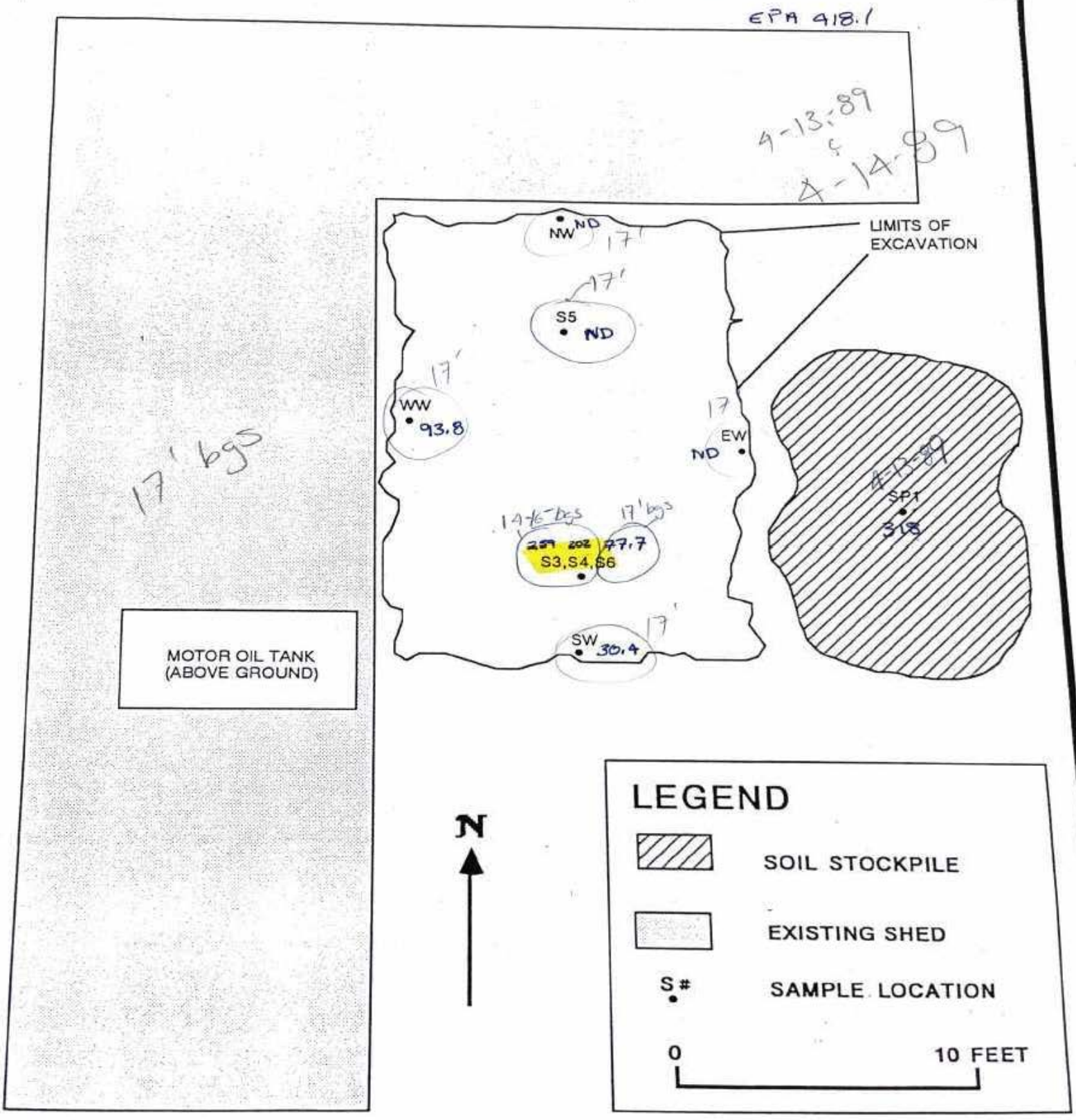
ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : MARCH 31, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID#	CONCENTRATION (mg/kg)
S1	4780
S2	33.1

Reviewed & Approved: Lisa Newcombe Duire
Date: 4/3/89

Note: Samples were received in a chilled state, intact and with Chain-of-Custody attached.



ERRA TECH LABS, INC. ENVIRONMENTAL TESTING SERVICE 16371 Gothard Street, Suite G Huntington Beach, CA 92647	FIGURE 2 - SITE PLAN United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	PROJECT NUMBER: 1026-12 DATE: April, 1989

TERRA TECH

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIE OAK
BALDWIN PARK, CALIFORNIA

ANALYSIS OF VOLATILE AROMATICS
EPA METHOD 8020

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : APRIL 1, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYLBENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
S1	ND,.01	0.58	ND,.05	ND,.05
S2	ND,.01	ND,.01	ND,.05	ND,.05

ND - Not detected at indicated level of detection.

Reviewed & Approved: Lisa Navoomie-Dieri
Date: 4/5/89

NOTE: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : April 13-14, 1989
DATE ANALYZED : April 13-14, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	CONCENTRATION (mg/kg)
SP1	318
S3	259
S4	202
NW	ND (1.0)
S5	ND (1.0)
S6	77.7
SW	30.4
EW	ND (1.0)
WW	93.8

ND - Not detected at indicated level of detection.

Reviewed&Approved: [illegible]
Date: 4/18/89

Note: Samples were received by the mobile laboratory, intact and with Chain-of-Custody attached.

[illegible] TECH LABS, INC.
ENVIRONMENTAL TESTING SERVICE

YMT

LABORATORY RESULTS

PREPARED FOR

UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK, CA

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

Hauled away to a Class I 128 Tons

DATE RECEIVED : JUNE 1, 1989
DATE ANALYZED : JUNE 5, 1989
PROJECT NUMBER : 1026-12

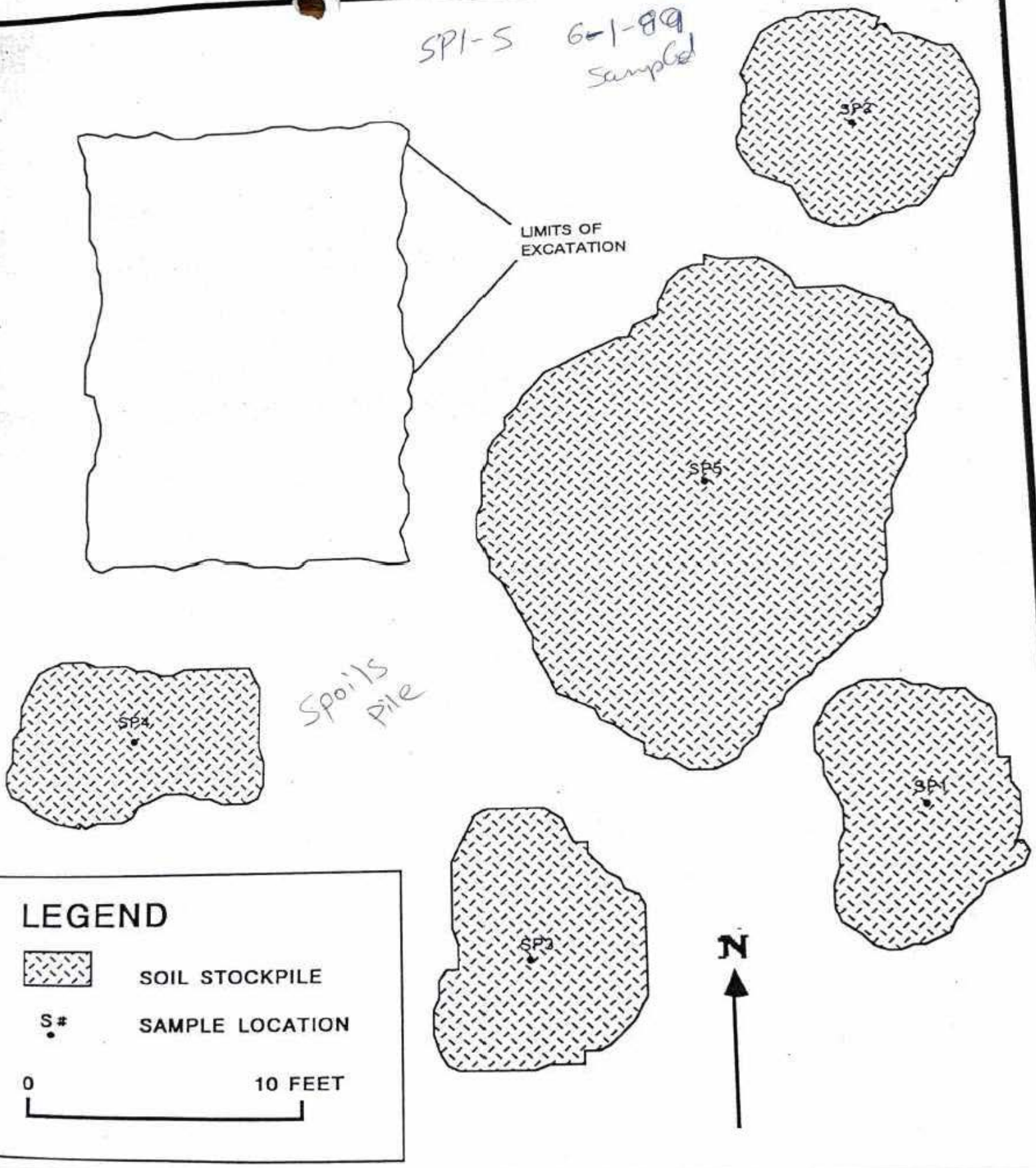
SAMPLE ID	CONCENTRATION (mg/kg)
SP1	545
SP2	1500
SP3	1150
SP4	644
SP5	649

Reviewed&Approved: Lisa Newcombe-Dell
Date: 6/6/89

Note: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

16371 Gothard Street, Suite G, Huntington Beach, California 92647 Tel (714) 842-6077 Fax (714) 842-1891

SP1-S 6-1-89 Sampled



TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE 16371 Gothard Street, Suite G Huntington Beach, CA 92647	FIGURE 3 - SITE PLAN United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	PROJECT NUMBER: 1026-12 DATE: 06-01-89

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: DAVE LOGATO DATE: 4-9-90

FROM: TONY PALAGYI FILE: 593-3X

INDUSTRY: UNITED CONCRETE PIPE
14041 LIVE OAK AVE, BALDWIN PARK

REPORT: I WAS MET ON SITE BY MR. FRITZ GOBLER OF U.C.P. TOGETHER WE INSPECTED THE FORMER TANK LOCATIONS. PHOTO #1 SHOWS THE AREA WHERE THE MOST RECENT TANKS WERE REMOVED. I HAD WITNESSED THE CLOSURE AND REMOVAL OF CONTAM. SOILS. 3000 Gallon Tank

PHOTO #2 IS THE AREA WHERE GAS TANKS WERE REMOVED AND REPLACED. THE EXCAVATION HAS NOT BEEN ASPHALTED DUE TO U.C.P. AWAITING FINAL CLOSURE FROM US. IN LOOKING THROUGH THE FILE IT APPEARS THIS TANK FARM HAS BEEN GRANTED FINAL CLOSURE. THE NEW TANKS ARE BEING MONITORED BY A LEAK-ALERT SYSTEM.

ALSO OF INTEREST AT THIS SITE IS THE USE OF DIESEL FUEL AS A RELEASING AGENT IN THE CONCRETE PIPE MOLDS. THE AREA WHERE THIS OPERATION IS HIGHLY SUSCEPTIBLE TO CONTAMINATION. A SITE ASSESSMENT HAS BEEN DONE AND WORK ON THE AREA SHOULD COMMENCE SHORTLY. A WRITTEN REQUEST FOR COPIES OF THE SITE ASSESSMENT MAY BE IN ORDER.

COUNTY OF LOS ANGELES
T OF PUBL
nagement
TOR'S REI

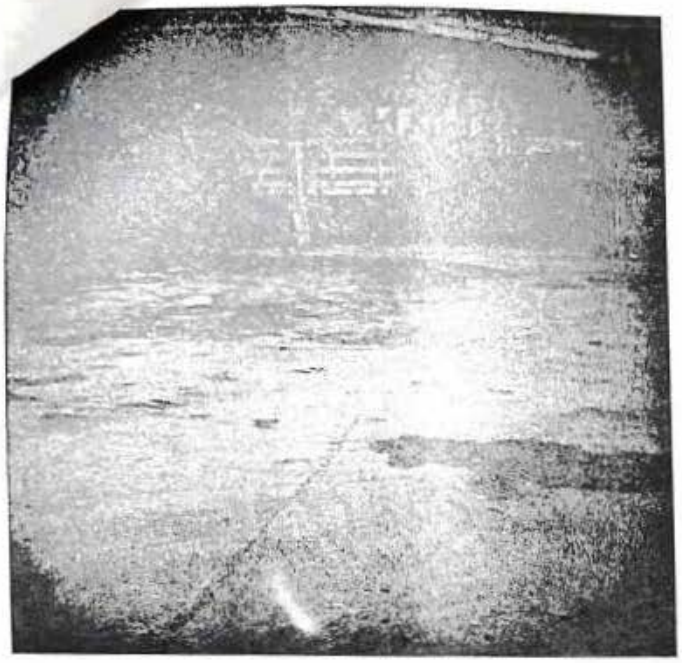
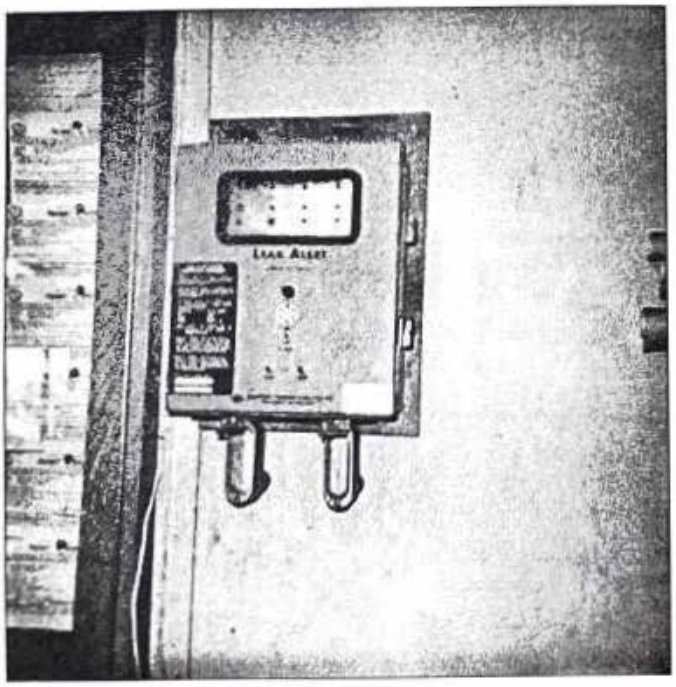




PHOTO #1, AREA OF MOST RECENT REMOVAL. CONTAM. SOIL HAULED AWAY.

PHOTO #2
NEW INSTALLATIONS IN OLD TANK FARM.



MONITORING FOR NEW TANKS.

Tracking No.
2021102102

UNDERGROUND STORAGE TANKS
FILE REVIEW APPOINTMENT FORM

SECTION A: TO BE COMPLETED BY REGIONAL BOARD FILE REVIEW STAFF.

APPOINTMENT DATE:	11/08/2021	APPOINTMENT TIME:	9:00am	STAFF CONTACT:	JR
CASE FILE LOCATION:	W	CASE FILE PULLED BY:	ME/EK	CASE FILE PULLED ON:	11/05/2021

REGIONAL BOARD – UST REQUESTED CASE FILE INFORMATION

REGIONAL BOARD FILE NUMBER:	I-00593A
SITE ADDRESS:	14041 E Live Oak Avenue
NUMBER OF CASE FILE FOLDERS:	0
NUMBER OF CASE FILE WALLETS:	1

SECTION B: TO BE COMPLETED BY REGIONAL BOARD FILE REVIEW STAFF AND/OR FILE REVIEWER

PERSON(S) REVIEWING AND/OR COPYING UST CASE FILE	REPRESENTING	TELEPHONE NUMBER
⇨ Beste İLİ	EFI Global	

⇨ PURPOSE FOR FILE REVIEW: Phase I

I CERTIFY THAT I HAVE NOT AND WILL NOT:

- TAKE REGIONAL BOARD CASE FILE APART (UNBIND, UNSTAPLE, ETC.);
- REMOVE REGIONAL BOARD CASE FILE FROM THE PREMISES;
- REMOVE DOCUMENTS FROM THE REGIONAL BOARD CASE FILE;
- INSERT DOCUMENTS INTO THE REGIONAL BOARD CASE FILE; AND
- DESTROY OR DAMAGE ANY REGIONAL BOARD CASE FILE.

I FURTHER CERTIFY THAT I HAVE PLACED THE FILE IN ORDER AND IN THE CONDITION THEY WERE PROVIDED TO ME.

⇨ SIGNATURE OF CASE FILE REVIEWER AND/OR COPIER: [signature] DATE: 11/12/21

CASE FILE RETURNED TO:	W	CASE FILE RETURNED BY:	EK	CASE FILE RETURNED ON:	11/19/21

shannon environmentalsupportservices.com

From: Julie Salazar <JSalazar@dpw.lacounty.gov>
Sent: Monday, January 31, 2022 3:17 PM
To: shannon environmentalsupportservices.com
Cc: Angie Mejia
Subject: 14005 & 14041 Live Oak Ave, Irwindale
Attachments: 14005 Live Oak Ave - Permit Records.pdf; 14041 Live Oak - Permit Records.pdf; 14041 Live Oak - Permit Records2.pdf; Permit Search Receipt.pdf

Good Afternoon Shannon,

Attached are the permits located for the addresses in the subject line along with the receipt.

Please let me know if you have any questions.

Thank you

Julie Salazar
(626)430-2205

City of Irwindale
County of Los Angeles - Building & Safety Div.
5050 N. Irwindale Avenue, Irwindale, CA 91706
(626) 430-2205

PERMIT NO. B00-001-772
Permit Type: Tenant Improvement
Permit Status: Issued

PROJECT		STATISTICAL CLASSIFICATION	ISSUED DATE	
TRACT NO.	USE ZONE	Class No.	1/13/2004	Final Date: 2/18/04
LOT NO.	DISTRICT	Dwell Units	ISSUED BY BDA	Finaled by: Gonzalez

PROJECT ADDRESS: **14005 Live Oak Ave**
ASSESSORS PARCEL NO.: **8535-001-021**
GEO CODE:

OWNER: Mellon
MAILING ADDRESS: 14005 Live Oak Ave. Irwindale, CA 91706
PHONE NO.:
FAX NO.:

APPLICANT: Ziesing, Lissy
MAILING ADDRESS: 800 Wilshire Blvd. Los Angeles, CA 90017
PHONE NO.: (213) 955-9775
FAX NO.:

CONTRACTOR/PROFESSIONAL:
MAILING ADDRESS:
PHONE NO.:
FAX NO.:
EMAIL ADDRESS:

License No.: Type: Expires:

TENANT:
MAILING ADDRESS:
PHONE NO.:
FAX NO.:

DESCRIPTION

15,000 sq ft. of T.I. on the 2nd floor. Expedite plan check for 4 hours @ $100

Construction Type	UOM	# of Units	Value	Construction Type	UOM	# of Units	Value
Value	dollars	136,759	$136,759.00				

OCCUPANCY: Offices
TOTAL VALUATION: $136,759.00

FEE DETAIL

QTY UOM	DESC	AMT DUE	AMT PAID	QTY UOM	DESC	AMT DUE	AMT PAID
Flat	Permit Issue	$39.60	$39.60				
	Bldg no surchge	$2,385.00	$2,194.90				
400.00 each	B Penalty Fees	$400.00					
	SMIP2	$28.72					
Totals for: 1		$2,853.32	$2,234.50				
	Plan check	$2,028.95	$2,028.95				
Totals for: 23		$2,028.95	$2,028.95				

Total Fees: $4,882.27 **Total Amount Paid:** $4,263.45

RECEIPTS DETAIL

Receipt #	Trans. Date	Name	Payment Type	Payment Type #	Amount
2,077	11/24/2003	Alice Ziesing Sheehy	Check	3831	$2,647.75
2,141	1/7/2004	Mellon Bank, N.A.	Check	2132	$400.00
2,150	1/12/2004	Howard Building Corp.	Check	2192	$1,834.50

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES — BUILDING AND SAFETY

1

INSPECTOR COPY

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. CCGC20120100 Company Clarendon NATION

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the county building inspection department.

Date 12-12-00 Applicant Tom Mellon

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed underprovisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 531932 Lic. Class B

Contractor Johnstone Assoc Date 12-12-00

☐ I am exempt under Sec. _____

B.&P.C. for this reason _____

Date: _____

Signature Tom Mellon

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state under penalty of perjury that the above information is correct. I agree to comply with all county ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

Tom Mellon 12-12-00

Signature of Applicant or Agent — Date

20-0010 B&S DPW Rev. 6/95

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14005 LIVE OAK ST.

CITY IRWINDALE ZIP

SIZE OF LOT NO. OF BLDGS. NOW ON LOT

TRACT BLOCK LOT NO.

ASSESSOR MAP BOOK PAGE PARCEL

OWNER MELLON FINANCIAL TEL NO.

ADDRESS SERVICES

CITY ZIP

ARCHITECT OR ENGINEER PNL DESIGN TEL NO.

ADDRESS

CONTRACTOR TEL NO.

ADDRESS LIC. NO.

CITY LIC. CLASS

SQ. FT. SIZE 28,000 NO. OF STORIES 2 NO. OF FAMILIES

NEW ☐ ADD ☐ ALTER ☒ REPAIR ☐ DEMOL ☐ URM ☐

DESCRIPTION OF WORK TENANT IMPROVEMENT

USE OF EXISTING BLDG. OFFICE

APPLICANT (PRINT) LISA ZIESING TEL NO.

ADDRESS PNL DESIGN 611 W 6TH ST STE 350 LA CA 90017

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EQUAL TO OR GREATER THAN THE AMOUNTS SPECIFIED ON THE HAZARDOUS MATERIALS INFORMATION GUIDE?

YES ☐ NO ☐

WILL THE INTENDED USE OF THE BUILDING BY THE APPLICANT OR FUTURE BUILDING OCCUPANT REQUIRE A PERMIT FOR CONSTRUCTION OR MODIFICATION FROM THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) SEE PERMITTING CHECKLIST FOR GUIDELINES.

YES ☐ NO ☐

I HAVE READ THE HAZARDOUS MATERIALS INFORMATION GUIDE AND THE SCAQMD PERMITTING CHECKLIST. I UNDERSTAND MY REQUIREMENTS UNDER THE LOS ANGELES COUNTY CODE, TITLE 2, CHAPTER 2.20 SECTIONS 2.20.100 THROUGH 2.20.140 CONCERNING HAZARDOUS MATERIALS REPORTING AND FOR OBTAINING A PERMIT FROM THE SCAQMD.

OWNER OR AGENT

P.C. FEE 2,137.75	PERMIT FEE 2,546.50
	ISSUANCE FEE 39.60
INVESTIGATION FEE	TOTAL FEE 2,586.10

BUILDING ADDRESS 14005 LIVE OAK

CITY IRWINDALE

LOCALITY

NEAREST CROSS ST.

USE ZONE MAP NO.

SPECIAL CONDITIONS

WITHIN 1000 FT. OF SCHOOL? YES NO

DISTRICT	GROUP	TYPE CONST.	FIRE ZONE	PROCESSED BY
5.06				EC

STATISTICAL CLASSIFICATION APT CONDO

CLASS NO. _____ DWELL UNITS _____

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP LINE	EXIST WIDTH
FRONT P L				
SIDE P L				

SEWER MAP

BK PG

VALUATION $ 150,000

$

LDMA P/C #

LDMA Perm #

FINAL DATE

FINAL BY

VALIDATION

B/C #23/1632
#2,137.75
10/11/00

#1788

SEE REVERSE FOR EXPLANATORY LANGUAGE

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

CITY OF IRWINDALE
5050 IRWINDALE
IRWINDALE CA 91706
PHONE: (626) 430-2211 EXT:

0506

BUILDING PERMIT

BL 0506 1302280040

LEGAL ID:
BK: 237 PG: 69 PC: 13

ASSESSOR INFORMATION NUMBER:
8535-001-021

TENANT:
BANK NEW YORK MELLON

OWNER: TEL. NO:
HUGHES MARKETS INC (213) 225-5127-
2716 SAN FERNANDO RD
LOSA 900651319

APPLICANT: TEL. NO:
ELLNER, DAVE (714) 925-9224-
422 SOUTH BLACK OAKS
ANAHEIM CA 92807

CONTRACTOR: TEL. NO:
ENVIRONMENTAL CONTRACTING CORP (213) 620-8008-
880 E 1ST STREET LIC. NO
LOS ANGELES CA 90012 491028

ARCHITECT OR ENGINEER: TEL. NO:
PERVEZ, MOBIN (858) 613-0447-
12396 WOLD TRADE DR STE 110 LIC. NO:
SAN DIEGO CA 92128 NONE

MAP NO:	SEWER MAP BOOK:	PAGE:	FIRE ZONE:	CMP:
8535	001	033	3	00

NO. OF FAMILIES:	DWELLING UNITS:	APT/COND:	STAT CLASS:
0		NO	22

AIR QUALITY:	SCHOOL WITHIN 1000 FEET	HAZARDOUS MATERIALS
NO	YES	NO

	SQ. FT	NO. OF STORIES	CONST TYPE	NEW OCCUP GROUP
STRUCTURE:	600	1	V	U
GARAGE:				
OTHER:				

EXIST BLDG USE: OFFIC
EXIST OCC GRP: U

BLDGS. NOW ON LOT: VALUATION: 800,000

FEES PAID

FEE DESCRIPTION:	QUANTITY:	UOM:	AMOUNT:
C1 PLANCHECK W/HC	800000.00	VAL	10,691.10
AA BLDG PERMIT ISSUANCE			56.60
AB STATE GREEN BLDG FEE	800000.00	VAL	32.00
AE STRONG MOTION OTHER	800000.00	VAL	168.00
C2 PERMIT W/HANDICAP	800000.00	VAL	12,760.20
	TOTAL FEES		23,707.90

REPORT ID: DPR261 ROUTE TO: BS0506

BUILDING ADDRESS:
14005 LIVE OAK AV
IRWD CA 917061300
NEAREST CROSS STREET: STEWART AVE
THOMAS PAGE: 598 GRID: B2 LOCALITY: IRWINDALE

ISSUED ON: PROCESSED BY:
07/02/13 KI

FINAL DATE FINAL BY: CODE:
9.6.13 MB

DESCRIPTION OF WORK
INSTALL (N) EMERGENCY GENERATOR AND RECONFIGURE THE SYSTEM TO USE THE (E) EMERGENCY GENERATOR AS A STANDBY

SPECIAL CONDITIONS:

APPROVALS	DATE	INSPECTOR SIGNATURE
LOCATION AND SETBACKS		
SOILS ENGINEER APPROVAL		
FOUNDATION/TRENCH FORMS		
SLAB/UNDER FLOOR		
RAISED FLOOR FRAMING		
UNDERFLOOR INSULATION		
FLOOR SHEATHING		
ROOF SHEATHING		
SHEAR PANELS		
FRAME INSPECTION		
FIRE SPRINKLER HANGERS		
INSULATION/WEATHER STRIP		
INTERIOR LATH/DRYWALL		
EXTERIOR LATH		
RATED FLOOR/CEIL ASSEM.		
RATED WALL ASSEMBLIES		
RATED SHAFTS/OPENINGS		
T-BAR CEILINGS		
LOT DRAINAGE		

CITY OF IRWINDALE

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. 1234821 Company STATE FUND

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the county building inspection department.

Date 9/16/92 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 320426 Lic. Class C45 B

Contractor [signature] Date 9/16/92

☐ I am exempt under Sec. _____

B.&P.C. for this reason _____

_____ Date: _____

Signature _____

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all county ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

[signature] 9/16/92

Signature of Applicant or Agent Date

76 A4BA 20-0010 DPW 6/89

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES — **BUILDING AND SAFETY**

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14005 LIVE OAK

CITY: IRWINDALE ZIP:

SIZE OF LOT: NO. OF BLDGS. NOW ON LOT:

TRACT: BLOCK: LOT NO.:

ASSESSOR MAP BOOK: 8535 PAGE: 001 PARCEL: 021

OWNER: HUGHES MARKETS TEL. NO.:

ADDRESS: 2716 SAN FERNANDO RD

CITY: LOS ANGELES ZIP: 90065

ARCHITECT OR ENGINEER: DALE MYHRA TEL. NO.: (714) 241-0119

ADDRESS: 200 S. GRAND AV, SANTA ANA CA

CONTRACTOR: INNOVATIVE GRAPHICS, INC. TEL. NO.: (714) 532-2120

ADDRESS: 933 N. ELM ST. LIC. NO.: 320426

CITY: ORANGE CA 92668 LIC. CLASS: C45 B

SQ. FT. SIZE: NO. OF STORIES: N/A NO. OF FAMILIES: N/A

DESCRIPTION OF WORK:
INSTALL 5 MONUMENT SIGNS
TWO (2) CONCRETE I.D. SIGNS
3 ALUMINUM DIRECTIONAL

USE OF EXISTING BLDG: OFFICE / WAREHOUSE

NEW ☒ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL ☐ URM ☐

APPLICANT (PRINT): Scott ANGOTTI, IGI TEL. NO.: (714) 532-2120

ADDRESS: 933 N. ELM ST. ORANGE CA

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EQUAL TO OR GREATER THAN THE AMOUNTS SPECIFIED ON THE HAZARDOUS MATERIALS INFORMATION GUIDE?

YES ☐ NO ☒

WILL THE INTENDED USE OF THE BUILDING BY THE APPLICANT OR FUTURE BUILDING OCCUPANT REQUIRE A PERMIT FOR CONSTRUCTION OR MODIFICATION FROM THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) SEE PERMITTING CHECKLIST FOR GUIDELINES.

YES ☐ NO ☒

I HAVE READ THE HAZARDOUS MATERIALS INFORMATION GUIDE AND THE SCAQMD PERMITTING CHECKLIST. I UNDERSTAND MY REQUIREMENTS UNDER THE LOS ANGELES COUNTY CODE, TITLE 4, CHAPTER 2.20, SECTIONS 2.20.110 THROUGH 2.20.140 CONCERNING HAZARDOUS MATERIALS REPORTING AND FOR DATA ENTRY & PERMIT FROM THE SCAQMD.

[signature]
OWNER OR AGENT

P.C. FEE 303.61	PERMIT FEE 363.33
	ISSUANCE FEE 37.15
INVESTIGATION FEE	TOTAL FEE #400.48

SEE REVERSE FOR EXPLANATORY LANGUAGE

BUILDING ADDRESS: 14005 Live Oak

LOCALITY: Irwindale

NEAREST CROSS ST.:

USE ZONE: M2 MAP NO.:

SPECIAL CONDITIONS: *C

WITHIN 1000 FT. OF SCHOOL? YES ☐ NO ☒

DISTRICT: S-06 GROUP: TYPE CONST.: V FIRE ZONE: 3 PROCESSED BY: K

STATISTICAL CLASSIFICATION: CLASS NO. 20 DWELL UNITS: APT: CONDO:

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP LINE	EXIST WIDTH
FRONT P.L.				
SIDE P.L.				

SEWER MAP BK PG

VALUATION $ 13,000

$

LDMA P/C.#

LDMA Permit #

FINAL DATE 6/3/93

FINAL BY [signature]

P.C. # 2838
23
303.61 CH
9-16-92

VALIDATION
#1
01 * *40048
*40048
1 1 ***
2915
10-02-92
$0

Business License NEW

Expiration Date 6-30-93

INSPECTOR COPY

CITY OF IRWINDALE APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES — BUILDING AND SAFETY

1

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. 1030925 Company STATE FUND

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the county building inspection department.

Date 9/8/92 Applicant Richard O'Connell

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 608415 Lic. Class UNRESTRICTED

Contractor FACILITY CONS. Date 9/8/92

☐ I am exempt under Sec. _____

B.&P.C. for this reason _____

_____ Date: _____

Signature _____

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all county ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

Richard O'Connell 9/9/92

Signature of Applicant or Agent — Date

76 A588A 20-0010 DIPPW 6/89

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14005 LIVE OAK AV.

CITY: IRWINDALE CA ZIP: 91706

SIZE OF LOT: 9.11 ACRES NO. OF BLDGS. NOW ON LOT: 1

TRACT | BLOCK | LOT NO.

ASSESSOR MAP BOOK | PAGE | PARCEL

OWNER: HYDE MARKET TEL. NO.

ADDRESS: 2116 SAN FERNANDO RD

CITY: Los Angeles ZIP:

ARCHITECT OR ENGINEER: FACILITY Engineers TEL. NO. 619-793-4603

ADDRESS: 12626 High Bluff Drive S.D. CA

CONTRACTOR: FACILITY CONSTRUCTORS TEL. NO. 619-793-4603

ADDRESS: 12626 High Bluff Dr. LIC. NO. 608415

CITY: SAN DIEGO CA LIC. CLASS: UNRESTRICTED

SQ. FT. SIZE: 56,000 NO. OF STORES: 2 NO. OF FAMILIES:

DESCRIPTION OF WORK: SCREEN WALL FOR AIR UNITS

USE OF EXISTING BLDG.

NEW ☐ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL ☐ URM ☐

APPLICANT (PRINT): RICHARD O'Connell TEL. NO. 818-338-2582

ADDRESS: 14005 Live OAK Av. IRWINDALE

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EQUAL TO OR GREATER THAN THE AMOUNTS SPECIFIED ON THE HAZARDOUS MATERIALS INFORMATION GUIDE?

YES ☐ NO ☐

WILL THE INTENDED USE OF THE BUILDING BY THE APPLICANT OR FUTURE BUILDING OCCUPANT REQUIRE A PERMIT FOR CONSTRUCTION OR MODIFICATION FROM THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) SEE PERMITTING CHECKLIST FOR GUIDELINES.

YES ☐ NO ☐

I HAVE READ THE HAZARDOUS MATERIALS INFORMATION GUIDE AND THE SCAQMD PERMITTING CHECKLIST. I UNDERSTAND MY REQUIREMENTS UNDER THE LOS ANGELES COUNTY CODE, TITLE 2, CHAPTER 2.20 SECTIONS 2.20.100 THROUGH 2.20.140 CONCERNING HAZARDOUS MATERIALS REPORTING AND FOR OBTAINING A PERMIT FROM THE SCAQMD.

OWNER OR AGENT

P.C. FEE 341.86	PERMIT FEE 402.28
	ISSUANCE FEE 27.15
INVESTIGATION FEE	TOTAL FEE 946.43

SEE REVERSE FOR EXPLANATORY LANGUAGE

BUILDING ADDRESS: 14005 Live OAK Av.

IRWINDALE, CA 91706

LOCALITY: IRWINDALE L.A. County

NEAREST CROSS ST.: ARROW Highway AND Live Oak

USE ZONE: M2 MAP NO. SPECIAL CONDITIONS

WITHIN 1000 FT. OF SCHOOL? YES NO

DISTRICT	GROUP	TYPE CONST.	FIRE ZONE	PROCESSED BY
5.000	B2		3	TARANGO

STATISTICAL CLASSIFICATION | APT | CONDO

CLASS NO. _____ DWELL UNITS _____

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP LINE	EXIST WIDTH
FRONT P L				
SIDE P L				

SEWER MAP BK PG

VALUATION $ 15,000

$

LDMA P/C #

LDMA Permit #

FINAL DATE 6/3/93

FINAL BY Tarango

VALIDATION

#23
01* *3.4.1.8.6
*3.4.1.8.6 CK TL
1d 1 *** EM
28.08
09-11-92
20
#1
01* *4.4.6.4.3
*4.4.6.4.3 CK TL
1d 1 *** EM

INSPECTOR COPY

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES — BUILDING AND SAFETY

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. 066C5629625CA Company Aetna Cas.

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the county building inspection department.

X Date 3/18/92 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

X License Number 554607 Lic. Class unrestricted

X Contractor FACILITY CONSTRUCTORS X Date 3/18/92

☐ I am exempt under Sec. _____

B.&P.C. for this reason _____

_____ Date: _____

Signature _____

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all county ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

X [signature] 3/18/92

Signature of Applicant or Agent Date

76 A636A 20-0010 DP/PW 6/89

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14005 LIVE OAK AVE

CITY: IRWINDALE ZIP: 91706

SIZE OF LOT: 9.111 ACRES NO. OF BLDGS. NOW ON LOT: 0

TRACT | BLOCK | LOT NO.

ASSESSOR MAP BOOK | PAGE | PARCEL

OWNER: HUGHES MARKETS TEL. NO.

ADDRESS: 2716 SAN FERNANDO ROAD

CITY: LOS ANGELES ZIP: 90065

ARCHITECT OR ENGINEER TEL. NO.

ADDRESS

CONTRACTOR: Facility Constr TEL. NO. 793-4603

ADDRESS: 12626 High Bluff LIC. NO. 554607

CITY: San Diego CA LIC. CLASS: Unrest.

SQ. FT. SIZE: 56,000 NO. OF STORES: 2 NO. OF FAMILIES:

DESCRIPTION OF WORK: OFFICE BUILDING

USE OF EXISTING BLDG.

NEW ☒ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL ☐ URM ☐

APPLICANT (PRINT): MICHAEL W. DEVINE TEL. NO. 619 793-4603

ADDRESS: 12626 High Bluff Dr. Ste. 300 San Diego, CA 92130

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EQUAL TO OR GREATER THAN THE AMOUNTS SPECIFIED ON THE HAZARDOUS MATERIALS INFORMATION GUIDE?

YES ☐ NO ☒

WILL THE INTENDED USE OF THE BUILDING BY THE APPLICANT OR FUTURE BUILDING OCCUPANT REQUIRE A PERMIT FOR CONSTRUCTION OR MODIFICATION FROM THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD)? SEE PERMITTING CHECKLIST FOR GUIDELINES.

YES ☐ NO ☒

I HAVE READ THE HAZARDOUS MATERIALS INFORMATION GUIDE AND THE SCAQMD PERMITTING CHECKLIST. I UNDERSTAND MY REQUIREMENTS UNDER THE LOS ANGELES COUNTY CODE, TITLE 2, CHAPTER 2.28 SECTIONS 2.28.100 THROUGH 2.28.140 CONCERNING HAZARDOUS MATERIALS REPORTING AND FOR OBTAINING A PERMIT FROM THE SCAQMD.

OWNER OR AGENT

P.C. FEE: 32,250.54	PERMIT FEE: 39,694.78
added P.C. 9,145.00	ISSUANCE FEE: 37.15
INVESTIGATION FEE	TOTAL FEE: 39,731.93

SEE REVERSE FOR EXPLANATORY LANGUAGE

$1,000.00

BUILDING AND SAFETY

BUILDING ADDRESS: 14005 Live Oak Ave

LOCALITY: Irwindale

NEAREST CROSS ST.

USE ZONE: M2 MAP NO.

SPECIAL CONDITIONS: *C

WITHIN 1000 FT. OF SCHOOL? YES ☐ NO ☑

DISTRICT	GROUP	TYPE CONST.	FIRE ZONE	PROCESSED BY
Sod	B2	Multi NN	3	Kenbell

STATISTICAL CLASSIFICATION: TYPE II APT CONDO

CLASS NO. 22 DWELL UNITS

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP LINE	EXIST WIDTH
FRONT P L				
SIDE P L				

SEWER MAP BK PG

VALUATION: $ 3,701,600.00

$ 4,790,000

LDMA P/C #

LDMA Permit #

FINAL DATE: 6/3/93

FINAL BY: [signature]

50% of Full Fee

P.C. # 1636 23 32,250.54 CA 11-6-91

P.C. # 1977 23 9145.00 CA #1 11-12-91

VALIDATION: 01**25500 52 *25500 52 1d 1 **** 20852 03-18-92 $0

$0,963.91

C of O $135.00

Plan Main 250.00

$385.00

Business License 76574

Expiration Date 6/30/92

INSPECTOR COPY

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES — BUILDING AND SAFETY

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. _____ Company _____

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the county building inspection department.

Date 2/24/92 Applicant RICHARD O'Connell

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 554607 Lic. Class UNRestricted

Contractor _____ Date _____

☐ I am exempt under Sec. _____

B.&P.C. for this reason _____

_____ Date: _____

Signature _____

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all county ordinances and State laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant or Agent _____ Date 2/24/92

76 A638A 20-0010 (DPW 6/88)

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14005 Live OAK AV
CITY: IRWINDALE ZIP: 91706
SIZE OF LOT: 2.111 ACRE NO. OF BLDGS. NOW ON LOT:
TRACT: BLOCK: LOT NO.:
ASSESSOR MAP BOOK: PAGE: PARCEL:
OWNER: Hughes MARKET TEL. NO.:
ADDRESS: 2716 SAN FERNANDO Road
CITY: Los Angeles ZIP: 90065
ARCHITECT OR ENGINEER: TEL. NO.:
ADDRESS:
CONTRACTOR: FACILITY Const. Inc. TEL. NO.: 619-793-4603
ADDRESS: 17626 High Bluff Drive LIC. NO.: 554607
CITY: SAN DIEGO LIC. CLASS: UNRestricted
SQ. FT. SIZE: 56,000 NO. OF STORIES: 2 NO. OF FAMILIES:
DESCRIPTION OF WORK: OFFICE BUILDING
STRUCTURAL Steel only
USE OF EXISTING BLDG.:
APPLICANT (PRINT): RICHARD O'Connell TEL. NO.: 818-338-2580
ADDRESS: 14005 Live OAK AV. IRWINDALE

NEW ☒ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL ☐ URM ☐

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EQUAL TO OR GREATER THAN THE AMOUNTS SPECIFIED ON THE HAZARDOUS MATERIALS INFORMATION GUIDE?
YES ☐ NO ☐

WILL THE INTENDED USE OF THE BUILDING BY THE APPLICANT OR FUTURE BUILDING OCCUPANT REQUIRE A PERMIT FOR CONSTRUCTION OR MODIFICATION FROM THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) SEE PERMITTING CHECKLIST FOR GUIDELINES.
YES ☐ NO ☐

I HAVE READ THE HAZARDOUS MATERIALS INFORMATION GUIDE AND THE SCAQMD PERMITTING CHECKLIST. I UNDERSTAND MY REQUIREMENTS UNDER THE LOS ANGELES COUNTY CODE, TITLE 2, CHAPTER 2.20 SECTIONS 2.20.100 THROUGH 2.20.140 CONCERNING HAZARDOUS MATERIALS REPORTING AND FOR OBTAINING A PERMIT FROM THE SCAQMD.

OWNER OR AGENT

P.C. FEE	PERMIT FEE	12,750.27
	ISSUANCE FEE	37.15
INVESTIGATION FEE	TOTAL FEE	12,787.42

SEE REVERSE FOR EXPLANATORY LANGUAGE

BUILDING ADDRESS: 14005 Live OAK Ave.
LOCALITY: IRWINDALE
NEAREST CROSS ST.:
USE ZONE: M2 MAP NO.:
SPECIAL CONDITIONS:
WITHIN 1000 FT. OF SCHOOL? YES ☐ NO ☑
DISTRICT: 5.06 GROUP: B2 TYPE CONST.: Multi FIRE ZONE: 3 PROCESSED BY:
STATISTICAL CLASSIFICATION: APT: CONDO:
CLASS NO. _____ DWELL UNITS _____

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP LINE	EXIST WIDTH
FRONT P L				
SIDE P L			#1	

SEWER MAP
BK PG
VALUATION Overall
$ 4,790,000
$ [redacted]
LDMA P/C #:
LDMA Perm #:
FINAL DATE 6/3/93
FINAL BY

VALIDATION

01 ** 1278742
** 1278742 CK
1d 1 ****
20162
02-24-92
$0

INSPECTOR COPY

25% of Full Fee

Business License 16574
Expiration Date 4/30/92

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES — **BUILDING AND SAFETY**

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. _____ Company _____

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the county building inspection department.

Date 1/29/92 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 554607 Lic. Class UNRESTRICTED

Contractor FACILITY CONSTRUCTION Date 1/29/92

☐ I am exempt under Sec. _____

B.&P.C. for this reason _____

_____ Date: _____

Signature _____

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all county ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

[signature] 1/29/92

Signature of Applicant or Agent — Date

76 A539A 20-0010 DPPW 6/89

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14005 Live OAK AV

CITY: IRWINDALE CA ZIP: 91706

SIZE OF LOT: 9.111 Acres NO. OF BLDGS. NOW ON LOT: 0

TRACT | BLOCK | LOT NO.

ASSESSOR MAP BOOK | PAGE | PARCEL

OWNER: Hughes MARKET TEL. NO.

ADDRESS: 2716 SAN FERNANDO ROAD

CITY: Los Angeles ZIP: 90065

ARCHITECT OR ENGINEER TEL. NO.

ADDRESS

CONTRACTOR: FACILITY Construction TEL. NO. 619-793-4603

ADDRESS: 12626 High Bluff Drive LIC. NO. 554607

CITY: SAN DIEGO CA LIC. CLASS: Unrestricted

SQ. FT. SIZE: 36,000 NO. OF STORIES: 2 NO. OF FAMILIES:

DESCRIPTION OF WORK: OFFICE BUILDING

Foundation Only

USE OF EXISTING BLDG.

NEW ☒ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL ☐ URM ☐

APPLICANT (PRINT): RICHARD A. O'CONNELL TEL. NO. 818-338-7580

ADDRESS: 14005 Live OAK Av. IRWINDALE

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EQUAL TO OR GREATER THAN THE AMOUNTS SPECIFIED ON THE HAZARDOUS MATERIALS INFORMATION GUIDE?

YES ☐ NO ☒

WILL THE INTENDED USE OF THE BUILDING BY THE APPLICANT OR FUTURE BUILDING OCCUPANT REQUIRE A PERMIT FOR CONSTRUCTION OR MODIFICATION FROM THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) SEE PERMITTING CHECKLIST FOR GUIDELINES.

YES ☐ NO ☒

I HAVE READ THE HAZARDOUS MATERIALS INFORMATION GUIDE AND THE SCAQMD PERMITTING CHECKLIST. I UNDERSTAND MY REQUIREMENTS UNDER THE LOS ANGELES COUNTY CODE, TITLE 2, CHAPTER 2.20 SECTIONS 2.20.100 THROUGH 2.20.140 CONCERNING HAZARDOUS MATERIALS REPORTING AND FOR OBTAINING A PERMIT FROM THE SCAQMD.

OWNER OR AGENT

P.C. FEE	PERMIT FEE: 12,750.27
	ISSUANCE FEE: 37.15
INVESTIGATION FEE	TOTAL FEE: 12,787.42

SEE REVERSE FOR EXPLANATORY LANGUAGE

BUILDING ADDRESS: 14005 Live OAK AV

LOCALITY: IRWINDALE

NEAREST CROSS ST.: Arrow Highway

USE ZONE: M2 MAP NO. SPECIAL CONDITIONS

WITHIN 1000 FT. OF SCHOOL? YES ☐ NO ☑

DISTRICT	GROUP	TYPE CONST.	FIRE ZONE	PROCESSED BY
506	B2	4 MULTI	3	

STATISTICAL CLASSIFICATION APT CONDO

CLASS NO. _____ DWELL UNITS _____

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP LINE	EXIST WIDTH
FRONT P L				
SIDE P L				

SEWER MAP BK PG

VALUATION: $ 25% of Full Fee

$ 4,790,000

LDMA P/C #

LDMA Permit #

FINAL DATE: 6/3/93

FINAL BY: [signature]

VALIDATION

#1

01**1278742

*1278742 CK TL

1d 1 *** ITM

19248

01-29-92

20

INSPECTOR COPY

25% of full Permit Fee

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES — **BUILDING AND SAFETY**

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. 1030925 Company STATE FUND

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the county building inspection department.

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 608415 Lic. Class C-16

Contractor SPRINKLER FOR FIRE Date _____

☐ I am exempt under Sec. _____

B.&P.C. for this reason _____

_____ Date: _____

Signature _____

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all county ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

X _____ 6-3-93

Signature of Applicant or Agent — Date

76 A638A 20-0010 DPW 6/89

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14005 LIVE OAK AVE
CITY: IRWINDALE ZIP:
SIZE OF LOT: NO. OF BLDGS. NOW ON LOT:
TRACT: BLOCK: LOT NO.
ASSESSOR MAP BOOK: PAGE: PARCEL:
OWNER: HUGHES TEL. NO.:
ADDRESS: 14005 Live Oak
CITY: Irwindale ZIP:
ARCHITECT OR ENGINEER: TEL. NO.:
ADDRESS:
CONTRACTOR: SPRINKLER FOR FIRE TEL. NO. (714) 579-0826
ADDRESS: 42410 ANZA RD LIC. NO. 608415
CITY: TEMECULA LIC. CLASS C-16
SQ. FT. SIZE: 53760 NO. OF STORES: NO. OF FAMILIES:
DESCRIPTION OF WORK: INSTALL FIRE SPRINKLER (515 HDS.)
USE OF EXISTING BLDG.:

NEW ☐ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL ☐ URM ☐

APPLICANT (PRINT): ANTHONY MORRIS TEL. NO. 579-0826
ADDRESS: SAME AS ABOVE

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL, OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EQUAL TO OR GREATER THAN THE AMOUNTS SPECIFIED ON THE HAZARDOUS MATERIALS INFORMATION GUIDE?
YES ☐ NO ☐

WILL THE INTENDED USE OF THE BUILDING BY THE APPLICANT OR FUTURE BUILDING OCCUPANT REQUIRE A PERMIT FOR CONSTRUCTION OR MODIFICATION FROM THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD)? SEE PERMITTING CHECKLIST FOR GUIDELINES.
YES ☐ NO ☐

I HAVE READ THE HAZARDOUS MATERIALS INFORMATION GUIDE AND THE SCAQMD PERMITTING CHECKLIST. I UNDERSTAND MY REQUIREMENTS UNDER THE LOS ANGELES COUNTY CODE, TITLE 2, CHAPTER 2.20 SECTIONS 2.20.100 THROUGH 2.20.140 CONCERNING HAZARDOUS MATERIALS REPORTING AND FOR OBTAINING A PERMIT FROM THE SCAQMD.

_____
OWNER OR AGENT

P.C. FEE 1558.78	PERMIT FEE 1887.26
	ISSUANCE FEE 37.15
INVESTIGATION FEE	TOTAL FEE 1924.41

SEE REVERSE FOR EXPLANATORY LANGUAGE

BUILDING ADDRESS: 14005 Live Oak
LOCALITY: Irwindale
NEAREST CROSS ST.:
USE ZONE: M2 MAP NO.:
SPECIAL CONDITIONS:
WITHIN 1000 FT. OF SCHOOL? YES ☐ NO ☑
DISTRICT: SEA GROUP: B2 TYPE CONST.: 2 FIRE ZONE: 3 PROCESSED BY:
STATISTICAL CLASSIFICATION: CLASS NO. 30 DWELL UNITS: APT: CONDO:

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP LINE	EXIST WIDTH
FRONT P.L.				
SIDE P.L.				

SEWER MAP BK PG
VALUATION $ 112,896.00
$
LDMA P/C #
LDMA Permit #
FINAL DATE 6/3/93

P.C = 2305
70
1558.78 = H
5-13-92
#1
01* *192441
*192441 CK
1d 1 ***
-240.96
06-05-92
$0

VALIDATION

Business License Exempt
Expiration Date 6/30/92

OFFICE Bldg.

OFFICE COPY

INSPECTOR COPY

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES — BUILDING AND SAFETY

1

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.) Policy No. CCC2021201 03 Company Clarendon National

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the county building inspection department.

Date 9-6-00 Applicant Tom Melton

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed underprovisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 551932 Lic. Class B

Contractor Johnston + Assoc Date Sept. 9, 2000

☐ I am exempt under Sec. _____

B&P.C. for this reason _____

_____ Date: _____

Signature _____

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state under penalty of perjury that the above information is correct. I agree to comply with all county ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

_____ _____

Signature of Applicant or Agent — Date

20-0010 B&S DPW Rev. 8/85

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14005 Live Oak

CITY: Irwindale ZIP: 91706

SIZE OF LOT: — NO. OF BLDGS. NOW ON LOT: 1

TRACT: — BLOCK: — LOT NO.: —

ASSESSOR MAP BOOK: — PAGE: — PARCEL: —

OWNER: The Realty Assoc Fund 5, LP TEL NO.: —

ADDRESS: 4100 Newport Place Suite 380

CITY: Newport Beach ZIP: 92660

ARCHITECT OR ENGINEER: RNL Design TEL NO.: 213 955-9775

ADDRESS: 611 W 6th St. Suite 380 LA. 90017

CONTRACTOR: Johnston + Assoc TEL NO.: 714 779 3000

ADDRESS: 4887 E La Palma Suite 704 LIC. NO.: 551932

CITY: Anaheim Hills Ca LIC. CLASS: B

SQ. FT. SIZE: 58000 NO. OF STORIES: — NO. OF FAMILIES: —

DESCRIPTION OF WORK: Demo Interior Non bearing walls, T-Bar and plumbing

USE OF EXISTING BLDG.: office

NEW ☐ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL ☒ URM ☐

APPLICANT (PRINT): Tom Melton TEL NO.: 714-779 3000

ADDRESS: 4887 E La Palma Anaheim Hills

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EQUAL TO OR GREATER THAN THE AMOUNTS SPECIFIED ON THE HAZARDOUS MATERIALS INFORMATION GUIDE?

YES ☐ NO ☐

WILL THE INTENDED USE OF THE BUILDING BY THE APPLICANT OR FUTURE BUILDING OCCUPANT REQUIRE A PERMIT FOR CONSTRUCTION OR MODIFICATION FROM THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) SEE PERMITTING CHECKLIST FOR GUIDELINES.

YES ☐ NO ☐

I HAVE READ THE HAZARDOUS MATERIALS INFORMATION GUIDE AND THE SCAQMD PERMITTING CHECKLIST. I UNDERSTAND MY REQUIREMENTS UNDER THE LOS ANGELES COUNTY CODE, TITLE 2, CHAPTER 2.20 SECTIONS 2.20.100 THROUGH 2.20.140 CONCERNING HAZARDOUS MATERIALS REPORTING AND FOR OBTAINING A PERMIT FROM THE SCAQMD.

_____
OWNER OR AGENT

P.C. FEE	PERMIT FEE 1,292.72
	ISSUANCE FEE 39.60
INVESTIGATION FEE	TOTAL FEE 1,332.32

SEE REVERSE FOR EXPLANATORY LANGUAGE

BUILDING ADDRESS: 14005 LIVE OAK

IRWINDALE

LOCALITY

NEAREST CROSS ST.

USE ZONE — MAP NO. — SPECIAL CONDITIONS

WITHIN 1000 FT. OF SCHOOL? YES ☐ NO ☐

DISTRICT	GROUP	TYPE CONST.	FIRE ZONE	PROCESSED BY
5.06				Eli

STATISTICAL CLASSIFICATION — CLASS NO. _____ DWELL. UNITS _____ APT — CONDO

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP LINE	EXIST WIDTH
FRONT P.L.				
SIDE P.L.				

SEWER MAP — BK — PG

VALUATION $ 58,000

$

LDMA P/C #

LDMA Perm. #

FINAL DATE 12/11/00

FINAL BY

VALIDATION

INSPECTOR COPY

#1513

City of Irwindale
County of Los Angeles - Building & Safety Div.
5050 N. Irwindale Avenue, Irwindale, CA 91706
(626) 430-2205

PERMIT NO. B00-000-750
Permit Type: Tenant Improvement
Permit Status: Issued

PROJECT		STATISTICAL CLASSIFICATION	APPLICATION DATE	
TRACT NO.	USE ZONE	Class No.	12/20/2001	Final Date: 3-4-02
LOT NO.	DISTRICT	Dwell Units	ISSUED BY EDA	Finaled by:

PROJECT ADDRESS
14005 Live Oak Ave

ASSESSORS PARCEL NO. **8535-001-021** GEO CODE

OWNER
Mellon Financial Corporation
MAILING ADDRESS
2 Mellon Ctr 152-0975
Pittsburg, PA 15259-0001
PHONE NO. (412) 234-6325 FAX NO.

APPLICANT
Ziesing, Lissy
MAILING ADDRESS
800 Wilshire 400
Los Angeles, CA 90017
PHONE NO. (213) 955-9775 FAX NO.

CONTRACTOR/PROFESSIONAL
Howard Building Corporation
MAILING ADDRESS
100 Broadway 800
Glendale, CA 91210
PHONE NO. (818) 549-1850 FAX NO.
EMAIL ADDRESS:

License No. 445804 Type: B HIC Expires: 9/30/2003

TENANT
MAILING ADDRESS
PHONE NO. FAX NO.

DESCRIPTION

Add interior storefront wall & two automatic sliding doors.

Construction Type	UOM	# of Units	Value	Construction Type	UOM	# of Units	Value
Value	dollars	7,500	$7,500.00				

OCCUPANCY Offices TOTAL VALUATION $7,500.00

FEE DETAIL

QTY	UOM	DESC	AMT DUE	AMT PAID	QTY	UOM	DESC	AMT DUE	AMT PAID
0.00	Flat	Permit Issue	$39.60	$39.60					
0.00		Bldg no surchge	$286.20	$286.20					
0.00		SMIP2	$1.58	$1.58					
Totals for: 1			$327.38	$327.38					
0.00		Plan check	$243.27	$243.27					
Totals for: 23			$243.27	$243.27					

Total Fees: $570.65 **Total Amount Paid:** $570.65

RECEIPTS DETAIL

Receipt #	Trans. Date	Name	Payment Type	Payment Type #	Amount
888	12/20/2001	R N L Design	Check	1035	$243.27
984	2/21/2002	Howard Building Corporation	Check	1953	$327.38

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES — **BUILDING AND SAFETY**

1

INSPECTOR COPY

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. 443615 Company State Fund

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the county building inspection department.

Date 12-24-92 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 176064 Lic. Class C61/D31

Contractor [signature] Date 12-24-92

☐ I am exempt under Sec. _____ B.&P.C. for this reason _____

Date: _____

Signature _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all County ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

[signature] 12-24-92

Signature of Applicant or Agent — Date

76 A638A 22 0010 DAV 7/7

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14005 E Live Oak Ave

CITY: Irwindale ZIP

SIZE OF LOT — NO. OF BLDGS. NOW ON LOT

TRACT — BLOCK — LOT NO.

OWNER: Hughes Markets TEL. NO. 856-6263

ADDRESS: 14005 E Live Oak Ave

CITY: Irwindale ZIP

ARCHITECT OR ENGINEER: Jess Esparza TEL. NO. (213) 256-8157

ADDRESS: 6107 York Blvd. 2A

CONTRACTOR: So Cal Flagpole TEL. NO. (213) 257-8201

ADDRESS: 4551 York Blvd LIC. NO. 176064

CITY: L.A. Calif. LIC. CLASS C61/D31

SQ. FT. SIZE	NO. OF STORIES	NO. OF FAMILIES	CHECK ONE
			NEW ☒
			ADD. ☐
			ALTER ☐
			REPAIR ☐
			DEMOL ☐

DESCRIPTION OF WORK: Install 45' E Ingpole

USE OF EXISTING BLDG.

APPLICANT (PRINT): W. E. Vallee TEL. NO. (213) 257-8201

ADDRESS: 4551 York Blvd

PRESENT BUILDING ADDRESS

LOCALITY

MOVING CONTRACTOR — TEL. NO.

ADDRESS

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP. LINE	EXIST. WIDTH
FRONT P.L.				
SIDE P.L.				

P.C. Fee $ 109.69 STOR. — Permit Fee 88.31

Issuance Fee 37.15

Investigation Fee — Total Fee 125.46

BUILDING ADDRESS: 14005 E Live Oak

LOCALITY: IRWINDALE

NEAREST CROSS ST.

ASSESSOR MAP BOOK — PAGE — PARCEL

USE ZONE: M2 — MAP NO. — SPECIAL CONDITIONS: *C

DISTRICT	GROUP	TYPE CONST.	FIRE ZONE	PROCESSED BY
5.06	B2	[illegible]	3	TARANGO

STATISTICAL CLASSIFICATION — CLASS NO. 20 DWELL. UNITS — APT. — CONDO.

SEWER MAP BK. PG.

VALUATION

$ 1029.00

$

FINAL DATE 4/5/93

FINAL BY Tarango

LDMA Ref. #

LDMA P/C #

LDMA Perm. #

VALIDATION

#23

01 $109.69

$109.69

#3204

01 * 12 [illegible]

*125.46 CK

Id 1 *** TEL

35869 NO.

04-05-93

20

Business License new appl

Expiration Date 6/30/93

SEE REVERSE FOR EXPLANATORY LANGUAGE

11.—

City of Irwindale
County of Los Angeles - Building & Safety Div.
5050 N. Irwindale Avenue, Irwindale, CA 91706
(626) 430-2205

PERMIT NO. B00-004-505
Permit Type: Tenant Improvement
Permit Status: Issued

PROJECT		STATISTICAL CLASSIFICATION	ISSUED DATE	
TRACT NO.	USE ZONE	Class No.	12/10/2008	Final Date: 2-19-9
LOT NO.	DISTRICT	Dwell Units	ISSUED BY EAR	Finaled by: MA

PROJECT ADDRESS: **14005 Live Oak Ave.** — ASSESSORS PARCEL NO.: **8535-001-021** — GEO CODE:

OWNER: Mj Realty Group	MAILING ADDRESS: 11755 Wilshire Blvd. 9th Floor, Los Angeles, CA 90025	PHONE NO. (310) 477-0223	FAX NO.
APPLICANT: DC Expediting	MAILING ADDRESS: PO Box 640, San Dimas, CA 91773	PHONE NO. (510) 501-1246	FAX NO.
CONTRACTOR/PROFESSIONAL: Pinnacle Constracting Corporation	MAILING ADDRESS: 21800 Burbank Blvd. #210, Woodland Hills, CA 91367	PHONE NO. (818) 888-6548	FAX NO.
License No. 665647 Type: B	Expires: 03/31/2009	EMAIL ADDRESS:	
TENANT: The Bank of New York Mellon Corp.	MAILING ADDRESS: 14005 Live Oak Ave.	PHONE NO.	FAX NO.

DESCRIPTION: T I
1st & 2nd Floors. New Non-bearing partitions, relocated doors/hardware, new power/data, new light fixtures/finishes

Construction Type	UOM	# of Units	Value	Construction Type	UOM	# of Units	Value
Value	dollars	378,500	$378,500.00				

OCCUPANCY: Offices — TOTAL VALUATION: $378,500.00

FEE DETAIL

QTY	UOM	DESC	AMT DUE	AMT PAID	QTY	UOM	DESC	AMT DUE	AMT PAID
0.00	per hour	Resubmit	$0.00						
6,939.40		BFee energy	$6,939.40	$6,939.40					
0.00		SMIP2	$79.49	$79.49					
1.00	Flat	Permit Issue	$55.30	$55.30					
Totals for: 1			$7,074.19	$7,074.19					
0.00		Plan check	$5,898.49	$5,898.49					
Totals for: 23			$5,898.49	$5,898.49					

Total Fees: $12,972.68 — **Total Amount Paid:** $12,972.68

RECEIPTS DETAIL

Receipt #	Trans. Date	Name	Payment Type	Payment Type #	Amount
5,655	10/9/2008	Wolcott Architecture	Check	50678	$3,672.85
5,766	12/10/2008	Pinnacle Contracting Corporation	Check	90621	$9,299.83

CITY OF IRWINDALE
BUILDING AND SAFETY
PLANNING DEPARTMENT

TEMPORARY

CERTIFICATE OF OCCUPANCY

BUILDING ADDRESS 14005 E. Live Oak Av. PERMIT NO. 2085 DATE 03-18-92

OWNER Hughes Markets MAIL ADDRESS 2716 San Fernando Rd.

PERMITEE Facility Constructors MAIL ADDRESS 12626 High Bluff , San Diego

This certifies that the building or structure or portion thereof, as described herein, located at the above address, complies with provisions of the Building Code for the following use(s) and occupancy group(s):

Use of Building (or Portion)	Occupancy Group	Occupant Load
OFFICE BUILDING	B-2	AS POSTED

This Certificate shall be posted in a conspicuous place in the building. No change shall be made in the character of occupancy or use of the building without the approval of the Building Official.

Building Official

October 7, 1992 EXPIRES: APRIL 7, 1993

Date Certificate Issued

Planning Director

CITY OF IRWINDALE

1

75A688A 0EN603 8-64

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E. Live Oak
LOT NO.: (see attached BLOCK
TRACT: legal description)
SIZE OF LOT: Irregular | NO. OF BLDGS. NOW ON LOT: See plot plan
USE OF EXISTING BLDG.: Manufacturing
OWNER: United TEL. NO. ED 7-1211
ADDRESS: Concrete
CITY: Pipe
ARCHITECT OR ENGINEER: [illegible] Steel Corporation TEL. NO. 54 9-2111
ADDRESS: 14041 E. Live Oak
CONTRACTOR: [illegible] TEL. NO. 443-6516
ADDRESS: 102 [illegible] Chris Dimeno LIC. NO. 120[illegible]
CITY: Temple City LIC. CLASS: B-1

DESCRIPTION OF WORK

NEW | ADD | (ALTER) | REPAIR | DEMOLISH

SQ. FT. SIZE: 10814 | NO. OF STORIES: 1 | NO. OF FAMILIES: 0

USE OF STRUCTURE: Switch Gear Building

SIGNATURE OF APPLICANT: [signature]

VALUATION $: 2,064.00

P.C. FEE $: 10.20 | PMT. FEE $: 17.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: [signature]

ADDRESS:

BUILDING ADDRESS: 14041 Live Oak
LOCALITY: Irwindale
NEAREST CROSS ST.: Rivergrade

DISTRICT NO.	GROUP	TYPE CONST.	PROCESSED BY
5106	4	V	

STATISTICAL CLASSIFICATION: CLASS NO. 9 DWELL UNITS ____ | SEWER MAP BK None

USE ZONE: M-2 | MAP NO.: None | SPECIAL CONDITIONS:

BLDG. SETBACK FROM FRONT PROP. LINE OF ____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

BLDG. SETBACK FROM SIDE PROP. LINE OF ____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

CORNER CUTOFF: YES ☐ NO ☐

SEE REVERSE SIDE FOR SPECIAL APPROVALS

Zone OK 1-19-68
Approved Plans
3-1-68 Add'l Bonding Ltr to follow
3-6-68 Bonding Ltr rec'd
3-8-68 Add'l Req'd. Rec'd
Cross Conn 3-15-68 Walls Grobe

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION, LOCATION FORMS, MATERIALS	3-14-68	[signature]
FRAME, FIRE STOPS, BRACING BOLTS		
FURNACE: LOCATION GAS VENT, DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK.) M.O. CASH

LAC 17692 JAN 1923 10.20

PERMIT VALIDATION CK. M.O. CASH

LAC 18073 FEB 14 17.00

IRWINDALE

76A638A CE #803 4/70

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T OF BUILDING

ASSESSOR MAP BOOK	PAGE / PARCEL
BUILDING ADDRESS	14041 E. LIVE OAK
LOCALITY	IRWINDALE
NEAREST CROSS ST.	605 FREEWAY
DISTRICT NO.	506
GROUP	G
TYPE CONST.	IV
PROCESSED BY	N. Mirror
STATISTICAL CLASSIFICATION CLASS NO.	19
DWELL. UNITS	
SEWER MAP	BK PG
USE ZONE	M-2
MAP NO.	NONE
SPECIAL CONDITIONS	

FOR APPLICANT TO FILL IN
(Print or type only)

BUILDING ADDRESS	14041 E. LIVE OAK AVE
LOT NO.	BLOCK
TRACT	
SIZE OF LOT	LEGAL IN FILE
NO. OF BLDGS. NOW ON LOT	
USE OF EXISTING BLDG.	
OWNER	U.S. PIPE & FOUNDRY TEL. NO. 337-1211
ADDRESS	14041 E. LIVE OAK AVE.
CITY	IRWINDALE, CAL.
ARCHITECT OR ENGINEER	R. COLLINS. TEL. NO. 966-6417
ADDRESS	142 E. ROWLAND. COVINA
CONTRACTOR	ASSOC. STRUCTURES TEL. NO. 288-8802
ADDRESS	1720 S. SAN GABRIEL LIC. NO. 263190
CITY	SAN GABRIEL. LIC. CLASS B-1
CONSTRUCTION LENDER NAME AND BRANCH	NONE
ADDRESS	
SQ. FT. SIZE	378
NO. OF STORIES	1
NO. OF FAMILIES	0
USE OF STRUCTURE	EQUIP. CODER.
SIGNATURE OF APPLICANT	[signature]
VALUATION $	3000.00
P.C. FEE $	19.80
PMT. FEE $	33.00

NEW ☐ ADD ☒ ALTER ☐ REPAIR ☐ DEMOL ☐

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL ORDINANCES AND LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA IN RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE _____

ADDRESS _____

BLDG. SETBACK FROM FRONT PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

BLDG. SETBACK FROM SIDE PROP. LINE OF N. (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

CORNER CUTOFF YES ☐ NO ☒

SEE REVERSE SIDE FOR SPECIAL APPROVALS

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	9-11-74	COSTER
FRAME: FIRE STOPS, BRACING, BOLTS	11-13-74	COSTER
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.	5-16-75	COSTER
HOUSE NUMBER CORRECT AND POSTED		
FINAL	5-16-75	COSTER

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

LAC 556474 JUL 1923 19.80

PERMIT VALIDATION CK. M.O. CASH

LAC 561274 AUG 23 1 33.00

Continuous Fire Reg for Mfg Field Welding

CITY OF IRWINDALE

1

76A630A CSM603 8-64

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUPT. OF BUILDING

BUILDING ADDRESS 14041 LIVE OAK
LOCALITY IRWINDALE
NEAREST CROSS ST. RIVERGRADE
DISTRICT NO. 5.06 | GROUP 6 | TYPE CONST IV | PROCESSED BY Costa
STATISTICAL CLASSIFICATION CLASS NO. _____ DWELL UNITS _____ | SEWER MAP NO. NONE
USE ZONE M-2 | MAP NO. NONE | SPECIAL CONDITIONS

BLDG. SETBACK FROM FRONT PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

BLDG. SETBACK FROM SIDE PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

CORNER CUTOFF YES ☐ NO ☐

SEE REVERSE SIDE FOR SPECIAL APPROVALS

9-30-68 Issued Permit
10-2-68 Ready to pour Conc.
10-23-68 Steel in Roof Valley
25 Feet Cut in Fascia
Roof Framing ok as Built

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 East Live Oak Ave. Irwindale, California
LOT NO. _____ BLOCK _____
TRACT See attach. legal descrip. of property.
SIZE OF LOT _____ NO. OF BLDGS. NOW ON LOT See attach
USE OF EXISTING BLDG. Manufacturing
OWNER United Concrete Pipe Corp. TEL. NO. 337-1211
ADDRESS 14041 E. Live Oak Ave.
CITY Irwindale, California
ARCHITECT OR ENGINEER same TEL. NO. same
ADDRESS same
CONTRACTOR Not known at this time TEL. NO.
ADDRESS _____ LIC NO.
CITY _____ LIC CLASS

DESCRIPTION OF WORK

NEW ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE _____ NO. OF STORIES _____ NO. OF FAMILIES _____
USE OF STRUCTURE Overhead Craneway

SIGNATURE OF APPLICANT S. L. Wright
VALUATION $ 8,000.

P.C. FEE $ 23.70 | PMT. FEE $ 39.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE Lewis O'Kelley
ADDRESS _____

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION, LOCATION FORMS, MATERIALS		
FRAME, FIRE STOPS, BRACING BOLTS		
FURNACE; LOCATION GAS VENT. DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED	9-30-68	
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH
LACo 17736 JAN 24 23 23.70 M

PERMIT VALIDATION CK. M.O. CASH
LACo 19148 MAY 10 1 39.50 M

APPLICATION FOR BUILDING PERMIT

FOR APPLICANT TO FILL IN (Print or type only)

City of Irwi

COUNTY OF LOS ANGE
DEPARTMENT OF COUNTY E
BUILDING AND SAFETY DIV

BUILDING ADDRESS 14041 Live Oak Ave
CITY Irwindale ZIP
SIZE OF LOT NO. OF BLDGS. NOW ON LOT
TRACT Legal in file BLOCK LOT NO.
OWNER U.S. Pipe & Foundry Div. TEL.
ADDRESS Same as above
CITY ZIP
ARCHITECT OR ENGINEER Jimmie Cartee TEL. NO. 714 886-8463
ADDRESS 460 West 16th San Bernardino
CONTRACTOR Cougar Const. Co. TEL. NO. 714 864-0683
ADDRESS 6605 Guthrie St. LIC. NO. 287336
CITY San Bernardino LIC. CLASS B-1
CONSTRUCTION LENDER NAME AND BRANCH
ADDRESS CITY
SQ. FT. SIZE 63 ⌀ NO. OF STORIES 1 NO. OF FAMILIES
CHECK ONE: NEW ☒ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL ☐
DESCRIPTION OF WORK
Rest Rm. Facility
USE OF EXISTING BLDG.
APPLICANT (PRINT) R.V. Hove TEL. NO. 714 244-3651
BY (SIGNATURE) R.V. Hove
VALUATION $ 4200.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL ORDINANCES AND LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA IN RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE [signature]
ADDRESS 6605 Guthrie
CITY San Bernardino TEL. NO. 864 0683

MAKE CHECKS PAYABLE TO:
HARVEY T. BRANDT, COUNTY ENGINEER

BUILDING ADDRESS 14041 E Live
LOCALITY Irwindale
NEAREST CROSS ST. 605 Freew
ASSESSOR MAP BOOK PAGE PARCE
DISTRICT 5.06 GROUP F-2 TYPE CONST. V FIRE ZONE 3 PROCES Cos
STATISTICAL CLASSIFICATION CLASS NO. 19 DWELL. UNITS — SEWER MA BK
USE ZONE M-2 MAP NO. No Map SPECIAL CONDITIONS
ROAD DEPARTMENT APPROVAL REQUIRED YES ☐ NO ☐
BLDG. SETBACK FROM FRONT PROP. LINE OF _____ (STREET)

HIGHWAY + YARD =	TOTAL SETBACK FROM FRONT PROP. LINE	TYPE OF HIGHWAY	EXISTING WIDTH
+ =			

BLDG. SETBACK FROM SIDE PROP. LINE OF _____ (STREET)

HIGHWAY + YARD =	TOTAL SETBACK FROM SIDE PROP. LINE	TYPE OF HIGHWAY	EXISTING WIDTH
+ =			

CORNER CUTOFF YES ☐ NO ☐
IN OPEN SPACE YES ☐ NO ☐
IN COASTAL ZONE YES ☐ NO ☐
ENVIRONMENTAL IMPACT
CATEGORICAL EXEMPTION YES ☐ NO ☐
EXEMPTION DECLARATION SIGNED _____ (DATE)
IMPACT REPORT PROCESSED _____ (DATE)

FINAL DATE 4-29-74 BY Costa
P.C. FEE $ 30.60 PMT. FEE $ 51.00

PLAN CHECK VALIDATION CK. M.O. CASH
540173 DEC 1223 30.60

PERMIT VALIDATION CK. M.O. CASH
541074 2 1 51.00

76A638A CE 8803 12/72

CITY OF IRWINDALE

76A642D
S & E-003 11-55

APPLICATION FOR PERMIT
SEWER—SEWAGE DISPOSAL

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUPT OF BUILDING

BUILDING ADDRESS 14041 ARROW HIWAY
LOCALITY IRWINDALE
NEAREST CROSS ST.
OWNER United Concrete
MAIL ADDRESS
CITY TEL. NO.

DISTRICT NO. 10,06 | GROUP F | MAP BK PG

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION LOT NO.
BLOCK TRACT
SIZE OF LOT NO. OF BLDGS. NOW ON LOT
USE OF BUILDINGS
CONTRACTOR Otis L King
ADDRESS 765 WERDEN WAY
CITY Covina TEL. NO. ED 91912
REGISTRATION NO. 155420 ☑ STATE ☐ COUNTY

NO.	DESCRIPTION OF WORK	FEE	
	HOUSE SEWER CONNECTING TO PUBLIC SEWER @ $3.50		
1	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD @ $3.00	3	00
	OVERFLOW SEEPAGE PIT, DRAINFIELD EXTN., CESSPOOL, DRYWELL, MANHOLE @ $2.00		
1	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM @ $1.00	1	00
	CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER @ $1.00		
	ALTER, REPAIR OR ABANDON HOUSE SEWER OR DISPOSAL SYSTEM @ $1.00		
	PERMIT $	1	00
	TOTAL FEE	5	00

OWNER'S AUTHORIZATION

I HAVE AT THIS DATE A CONTRACT WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER.

SIGNED THIS _____ DAY OF _____ 19__

OWNER OR OWNERS AGENT _____

ADDRESS _____

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENCE PROPERTY.

SIGNATURE OF PERMITTEE Otis L. King

CONNECTION DATA

STATION DEPTH
MANHOLE REFERENCE UPPER LOWER
TYPE OF CONNECTION Y CURB P.L. LENGTH FROM M.L. TO P.L.
CO. IMP. NO. P. C. NO. JOB NO.
TRUNK PERMIT NO. ROAD PERMIT NO.
STATE ENCROACHMENT PERMIT NO.
INDUSTRIAL WASTE APPROVAL domestic use only
CHARGES
CONNECTION CHARGE FEE
REIMBURSEMENT FEE

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER	10/15/57	
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP. PIT(S) AND/OR DRAINFIELD	10/15/57	
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION CK. NO. CASH
140713 OCT 15 4 5.00 P

ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

B Parker

CITY OF IRWINDALE

76A638A CE #009 - 10-56

APPLICATION FOR BUILDING PERMIT

1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 Arrow Highway
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

DISTRICT NO. 10.06 | GROUP F-2 | TYPE CONST. V | SEWER MAP BK PG

STATISTICAL CLASSIFICATION
CLASS. NO. 15 DWELL. UNITS

MAP NUMBER 2317 | STATE HWY YES NO

USE ZONE M-2 | SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Highway
LOT NO. 1, 2 & 3 BLOCK 7
TRACT 10735
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT 1 & 2
USE OF EXISTING BLDG.
OWNER United Cerm. Pipe
MAIL ADDRESS 14041 Arrow Highway
CITY Baldwin Park TEL NO. ED 8712
ARCHITECT OR ENGINEER | TEL. NO.
ADDRESS
CONTRACTOR C E Scott TEL NO. ED 21845
ADDRESS 20857 Mesa Rica Rd

DESCRIPTION OF WORK

NEW | ADD | ALTER | REPAIR | DEMOLISH
SQ. FT. SIZE 657 | NO. OF STORIES | NO. OF FAMILIES
USE OF STRUCTURE
Office
SIGNATURE OF APPLICANT C. E. Scott
ADDRESS

$ VALUATION 3000 00
P. C. FEE $ 5 50
FEE $ 11 00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE C. E. Scott
ADDRESS

INSPECTION RECORD

9/11/57 OK by phone from Slobe to issue permit — Cost
10/4/57 OK No Plans on job D. Lee. Elec. Permit W. Stonecliff

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	9/24/57	Cost
FRAME; FIRE STOPS, BRACING, BOLTS	10/9/57	Cost
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/28/57	Cost

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH
PERMIT VALIDATION CK. M.O. CASH

96865 SEP 4 16 5.50 98238 SEP 10 1 1100

B Parker

B Parker

NOV 8 1957

CITY OF IRWINDALE

76A698A OR #6608 - 10-56

APPLICATION FOR BUILDING PERMIT

1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 E. Arrow Hwy
LOCALITY Irwindale
NEAREST CROSS ST. Stewart

DISTRICT NO. 10.06 | GROUP G | TYPE CONST. III | SEWER BK | MAP PG

STATISTICAL CLASSIFICATION
CLASS. NO. 17 DWELL. UNITS

MAP NUMBER 2317 | STATE HWY YES (NO)

USE ZONE M-2 | SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Hwy
LOT NO. See Attached Legal BLOCK
TRACT
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER United Conc. Pipe
MAIL ADDRESS 14041 Arrow Hwy.
CITY Irwindale TEL. NO. ED 71211
ARCHITECT OR ENGINEER Clyde Carpenter TEL. NO. HI 64407
ADDRESS 2614 S. Peck Road - Mon.
CONTRACTOR Owner TEL. NO.
ADDRESS

DESCRIPTION OF WORK

NEW X ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 7200 NO. OF STORIES 1 NO. OF FAMILIES
USE OF STRUCTURE Cage Machine Bldg.
SIGNATURE OF APPLICANT Clyde Carpenter for Balsam
ADDRESS 2614 S. Peck

$ VALUATION 17000.

P. C. $ FEE 10.50
$ FEE 21.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE Clyde Carpenter for Balsam
ADDRESS 2614 S. Peck Rd.

INSPECTION RECORD

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	12/6/57	Rust
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	12/23/57	Rust

APPROVALS

JOHN A. LAMBIE, COUNTY ENGINEER.
CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH
PERMIT VALIDATION (CK) M.O. CASH

LAC 76865 NOV 7 16 10.50 ✓
LAC 77195 DEC 2 1 21.00 ✓

PLANS MUST BEAR INDUSTRIAL WASTE CLEARANCE BY L.A. COUNTY ENGINEER BEFORE BUILDING PERMIT CAN BE ISSUED.

FOR Electric Welded Steel Pipe

CITY OF IRWINDALE

76A638A CE #003 - 10-58

APPLICATION FOR BUILDING PERMIT

1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 Arrow Highway
LOCALITY Irwindale
NEAREST CROSS ST. Stewart

DISTRICT NO.	GROUP	TYPE CONST.	SEWER BK	MAP PG
10.06	F-2	V		

STATISTICAL CLASSIFICATION
CLASS. NO. 9 DWELL. UNITS

MAP NUMBER | STATE HWY | YES (NO)

USE ZONE | SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Highway
LOT NO. [illegible] BLOCK
TRACT [illegible]
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER United Cone Pipe
MAIL ADDRESS 14041 Arrow High.
CITY Irwindale TEL. NO.
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR C E Scott TEL. NO. ED 21848
ADDRESS 20857 Mesa Rica Corona

DESCRIPTION OF WORK

NEW ADD X ALTER REPAIR DEMOLISH
SQ. FT. SIZE | NO. OF STORIES | NO. OF FAMILIES
USE OF STRUCTURE
152 Sq ft office Addn
SIGNATURE OF APPLICANT C. E. Scott
ADDRESS

$ VALUATION 500.00

P. C. $ FEE
FEE $ 4.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE C. E. Scott
ADDRESS

INSPECTION RECORD

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	11/23/58	[illegible]

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH PERMIT VALIDATION (CK.) M.O. CASH

AC 77375 DEC 16 1 4.00

CITY OF IRWINDALE

MAR 7 1958

APPLICATION FOR BUILDING PERMIT

1

PLANS MUST BEAR INDUSTRIAL WASTE CLEARANCE

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 E. LIVE OAK
LOCALITY IRWINDALE
NEAREST CROSS ST. STEWART

DISTRICT NO.	GROUP	TYPE CONST.	SEWER BK	MAP PG
10.06	G	III		

STATISTICAL CLASSIFICATION
CLASS. NO. 9 DWELL. UNITS —
MAP NUMBER
STATE HWY YES (NO)

USE ZONE M-2
SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Hwy.
LOT NO. SEE ATTACHED BLOCK
TRACT LEGAL
SIZE OF LOT
NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER UNITED CONC. PIPE
MAIL ADDRESS 14041 Arrow Hwy.
CITY IRWINDALE TEL. NO. ED 71211
ARCHITECT OR ENGINEER Clyde Carpenter TEL. NO. H164407
ADDRESS 2614 S. Peck Rd.
CONTRACTOR OWNER TEL. NO.
ADDRESS

DESCRIPTION OF WORK

NEW ADD (ALTER) REPAIR DEMOLISH
SQ. FT. SIZE 60x60 NO. OF STORIES 1 NO. OF FAMILIES
USE OF STRUCTURE CRANEWAY COVER
SIGNATURE OF APPLICANT Clyde Carpenter / Tom Larson
ADDRESS 2614 S. Peck Rd.
$ 12000.00 VALUATION
P. C. FEE $ 16.75
FEE $ 33.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE Clyde Carpenter / A. Chester
ADDRESS 2614 S. Peck Rd.

INSPECTION RECORD

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/28/58	[signature]

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK.) M.O. CASH PERMIT VALIDATION (CK.) M.O. CASH

LAC 77779 MAR 6 16 16.75 [signature]

LAC 77999 APR 3 1 33.50 [signature]

CITY OF IRWINDALE

1

76A638A CEN803 8-64

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T OF BUILDING

BUILDING ADDRESS	14041 Live Oak
LOCALITY	Irwindale
NEAREST CROSS ST.	Rivergrade
DISTRICT NO.	506
GROUP	F-2
TYPE CONST.	V
PROCESSED BY	Coster
STATISTICAL CLASSIFICATION CLASS NO.	9
DWELL UNITS	
SEWER MAP BK. PG.	None
USE ZONE	M-2
MAP NO.	None
SPECIAL CONDITIONS	

BLDG. SETBACK FROM FRONT PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

BLDG. SETBACK FROM SIDE PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

CORNER CUTOFF YES ☐ NO ☐

SEE REVERSE SIDE FOR SPECIAL APPROVALS

9-18-63 [illegible]

FOR APPLICANT TO FILL IN

BUILDING ADDRESS	14041 Live Oak
LOT NO.	Legal in file
BLOCK	
TRACT	
SIZE OF LOT	
NO. OF BLDGS. NOW ON LOT	
USE OF EXISTING BLDG.	Office
OWNER	United Cons Pipe
TEL. NO.	
ADDRESS	14041 Live Oak Irw.
CITY	
ARCHITECT OR ENGINEER	
TEL. NO.	Ed 91211
ADDRESS	
CONTRACTOR	John Barr
TEL. NO.	446533
ADDRESS	10258 E. La Rosa
LIC. NO.	120886
CITY	Temple City
LIC. CLASS	B-1

DESCRIPTION OF WORK

NEW ADD ✓ ALTER ✓ REPAIR DEMOLISH

SQ. FT. SIZE 1000 NO. OF STORIES 1 NO. OF FAMILIES

USE OF STRUCTURE office

SIGNATURE OF APPLICANT John Barr

VALUATION $ 1900[illegible]

P.C. FEE $ 35.50 PMT. FEE $ 71.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE John Barr

ADDRESS 10258 E. La Rosa Dr. T.C.

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION, LOCATION FORMS, MATERIALS	8-28-63	Coster
FRAME, FIRE STOPS, BRACING BOLTS	9-18-63	Coster
FURNACE: LOCATION GAS VENT. DUCTS		
LATH. INT.	[illegible]	[illegible]
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10-20-63	[illegible]

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK.) M.O. CASH

LAC 15636 AUG 23 23 35.50 m

PERMIT VALIDATION (CK.) M.O. CASH

LAC 15646 AUG 23 1 71.00 m

75A638A CE #803 4/70

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T OF BUILDING

ASSESSOR MAP BOOK	PAGE / PARCEL
BUILDING ADDRESS	14041 Live Oak
LOCALITY	Irwindale
NEAREST CROSS ST.	River Grade
DISTRICT NO.	5.06
GROUP	B-2
TYPE CONST.	V
PROCESSED BY	Dean
STATISTICAL CLASSIFICATION CLASS NO.	22
DWELL. UNITS	
SEWER MAP	None
USE ZONE	M-2
MAP NO.	None
SPECIAL CONDITIONS	

BLDG. SETBACK FROM FRONT PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY	+	YARD	=	TOTAL
				+		=	

BLDG. SETBACK FROM SIDE PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY	+	YARD	=	TOTAL
				+		=	

CORNER CUTOFF YES ☐ NO ☐

SEE REVERSE SIDE FOR SPECIAL APPROVALS

FOR APPLICANT TO FILL IN
(Print or type only)

BUILDING ADDRESS	14041 Live Oke Ave
LOT NO.	BLOCK
TRACT	
SIZE OF LOT	NO. OF BLDGS. NOW ON LOT 10
USE OF EXISTING BLDG.	
OWNER	U.S. Pipe Foundry TEL. NO. 337-1211
ADDRESS	14041 Live Oke Ave
CITY	Erwindale
ARCHITECT OR ENGINEER	U.S. Pipe TEL. NO.
ADDRESS	Same
CONTRACTOR	Betrue Const. TEL. NO. 5790474
ADDRESS	5032 N Farago LIC. NO. 338807
CITY	Temple City LIC. CLASS B-I
CONSTRUCTION LENDER NAME AND BRANCH	None
ADDRESS	
SQ. FT. SIZE / NO. OF STORIES / NO. OF FAMILIES	NEW ☐
USE OF STRUCTURE	Bath Room ADD ☑
	ALTER ☐
	REPAIR ☐
SIGNATURE OF APPLICANT	Gilbert L Betrue DEMOL ☐
VALUATION $	7,150.00
P.C. FEE $	64.80
PMT. FEE $	88.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL ORDINANCES AND LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA IN RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE Gilbert L Betrue

ADDRESS 5032 N Farago T.C.

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	11-22-75	

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

LAC 0 4 8 3 SEP 11 R 3 64.80 A

PERMIT VALIDATION CK. M.O. CASH

88.00 88.00 88.00 CA 10 2078 0085 B



DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING

20 C 1

PLANS FILED	BLDG. ZONE R-3	FIRE ZONE	DISTRICT No. 2 BC	PLAN CHK. FEE RECEIPT No. 2713	PERMIT No. 37565
TYPE OF BLDG. I II III IV (V) X	GROUP G-3		DATE OF APPL. 11-27-36	RECEIVED BY R.H. Rollins	DATE ISSUED 12-7-36
BLDG. SETBACK LINE	ORD. NO.				

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME C.H.A.
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

BUILDING ADDRESS Las Tunas & Shoemaker Rd
LOCALITY Baldwin Pk
NEAREST CROSS ST.

OWNER
NAME Universal Pipe Corp
MAIL ADDRESS 696 P.O. Box Monrovia
CITY TEL. NO. 629-3

LEGAL DESCRIP.
LOT
BLOCK
TRACT
SIZE OF LOT
NO. OF BLDGS. NOW ON LOT
USE OF BLDG. NOW ON LOT

CLASS OF WORK

NEW	X	ADDITION	X	DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. Storage NO. OF ROOMS 1
SIZE OF BLDG. 40 X 320 STORIES NO. OF FAMILIES

DESCRIPTION OF WORK

New Steel Pipe Storage as Shown on Plans

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS TOP		
THICKNESS BOTTOM		
DEPTH IN GROUND		

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS FLOOR			
JOISTS CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING

WALL	ROOF

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGN Gordon Mader by W.R. Wells
OWNER OR AUTHORIZED AGENT

CORRECTIONS

12-15-36 Rec. Plans
1-19-37 Rec. Grading Plans
4-7-37 Rec. Bond

ORIGINAL

VALUATION $ 6000 P.C. FEE $ 7.00 FEE $ 11.50

FINAL APPROVAL

DATE INSPECTOR'S NAME

OB - S 9-35

DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING

1

PLANS FILED	BLDG. ZONE	FIRE ZONE	DISTRICT NO.	PLAN CHK. FEE RECEIPT NO.	PERMIT NO.
(2)	M-2		2BP	603	28648-B
TYPE OF BLDG. I II III (IV) V X	GROUP C-2		DATE OF APPL. 4-3-36	RECEIVED BY Lundeen	DATE ISSUED 4-22-36

BLDG. SETBACK LINE Fairmont Ave ORD. NO. Aurora Hgts

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

BUILDING ADDRESS West Knitter
LOCALITY Baldwin Park
NEAREST CROSS ST. Ramona

OWNER
MAIL NAME ADDRESS United Concrete Pipe Corp. Aurora Heights
CITY Baldwin Park TEL. NO. [illegible]

LEGAL DESCRIP.
LOT
BLOCK
TRACT
SIZE OF LOT 145 Ac
NO. OF BLDGS. NOW ON LOT 4
USE OF BLDG. NOW ON LOT Pipe Plant Mach.

CLASS OF WORK

NEW	X	ADDITION		DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. Concrete Bin NO. OF ROOMS
SIZE OF BLDG. 16 x 16 STORIES NO. OF FAMILIES

DESCRIPTION OF WORK

Erect steel Concrete bin 16'x16'

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS TOP		
THICKNESS BOTTOM		
DEPTH IN GROUND		

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS FLOOR			
JOISTS CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING

WALL	ROOF

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

United Concrete Pipe Corp.

SIGN X [signature] OWNER OR AUTHORIZED AGENT

VALUATION $ 1000.00 FEE $ 9.00

CORRECTIONS

Bldg. to be 6" Thick Walls

ORIGINAL

FINAL APPROVAL

DATE 4-22-36 INSPECTOR'S NAME [signature]

DB - 3 10-1-35

DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING

1

PLANS FILED (2)	BLDG. ZONE M3	FIRE ZONE	
TYPE OF BLDG. I II III (IV) V X		GROUP G2	
BLDG. SETBACK LINE 50' Centerline Arrow Highway	ORD. NO.		

DISTRICT No.	PLAN CHK. FEE RECEIPT No.	PERMIT No.
2BP	862	28647-B
DATE OF APPL.	RECEIVED BY	DATE ISSUED
4-3-36	Bauding	4-22-36

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

BUILDING ADDRESS West Bonita
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

OWNER
MAIL United Conc. Pipe Corp.
NAME ADDRESS Arrow Highway
CITY Baldwin Park TEL. NO. Covina 6294

LEGAL DESCRIP.
LOT
BLOCK
TRACT
SIZE OF LOT 145 Ac.
NO. OF BLDGS. NOW ON LOT 4
USE OF BLDG. NOW ON LOT Mobile [illegible]

CLASS OF WORK

NEW	X	ADDITION		DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. Aggregate Bin
NO. OF ROOMS —
SIZE OF BLDG. 16 X 22
STORIES —
NO. OF FAMILIES —

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS___TOP		
THICKNESS___BOTTOM		
DEPTH IN GROUND		

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS___FLOOR			
JOISTS___CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING

WALL ROOF

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

United Conc. Pipe Corp.
SIGN X [illegible]
OWNER OR AUTHORIZED AGENT

DESCRIPTION OF WORK

Erect Aggregate Bin 16 x 22

CORRECTIONS

Part of Sec 6-T1S, R[illegible]

[illegible]

ORIGINAL

FINAL APPROVAL

VALUATION $ 3000.00 FEE $ 8.00

DATE 7/16/36 INSPECTOR'S NAME [illegible]

DB-3 10-1-35

DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING

PLANS FILED	BLDG. ZONE	FIRE ZONE	DISTRICT No.	PLAN CHK. FEE RECEIPT No.	PERMIT No.
1/25	M-3		2A	43	27105-B
TYPE OF BLDG. I II III (IV) V X	GROUP G-2		DATE OF APPL. 7-5-36	RECEIVED BY	DATE ISSUED 2-24-36
BLDG. SETBACK LINE 50'	ORD. NO.				

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME OWNER
ADDRESS
CITY
STATE LICENSE NO. 139574-H TEL. NO. Tu. 9191

BUILDING ADDRESS 6 Courtney Ave Cor. 3rd
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart St.

OWNER
MAIL NAME ADDRESS Citrus Cooperative Fruit Assn. Box 1-5th. St.
CITY Los Angeles TEL NO. Tu. 9191

LEGAL DESCRIP.
LOT
BLOCK
TRACT
SIZE OF LOT 145 Ft.
NO. OF BLDGS. NOW ON LOT 3
USE OF BLDG. NOW ON LOT Packing

CLASS OF WORK

NEW	X	ADDITION		DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. Warehousing Pipe — NO. OF ROOMS —
SIZE OF BLDG. 60'x 264' — STORIES 1 — NO. OF FAMILIES —

Driveway 60x30

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS TOP		
THICKNESS BOTTOM		
DEPTH IN GROUND		

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)	4x6		
GIRDERS			
JOISTS FLOOR			
JOISTS CEILING	2x6		
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING

WALL	ROOF

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGN Citrus Cooperative Fruit Assn.
OWNER OR AUTHORIZED AGENT

VALUATION $ 2,000.00 FEE $ 39.00

DB-3 10-1-36

DESCRIPTION OF WORK

Addition to Packing House
Part of Section 6
T. 1S. R. 10W and

CORRECTIONS

2-24-36 Plans & Location
2-24-36 Oak
2-24-36 Bldg. Lines
3-5-36 Plot Plan O.K.
3-5-36 Set Back
3-5-36 Roof
3-22-36 Footings
Roof Sht. O.K.
4-1-36 Final

ORIGINAL

FINAL APPROVAL

DATE 4-1-36 INSPECTOR'S NAME

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 410 W Arrow Highway
LOCALITY: Baldwin Park, Calif
NEAREST CROSS ST.: Stewart Avenue
OWNER: United Concrete Pipe Corporation
MAIL ADDRESS: P. O Box 425
CITY: Baldwin Park, Calif TEL. NO.: OU 3-2101
ARCHITECT OR ENGINEER: self TEL. NO.:
ADDRESS:
CONTRACTOR: self TEL. NO.:
ADDRESS:
LEGAL DESCRIPTION: LOT NO. 1 BLOCK:
TRACT: 10735
SIZE OF LOT: 129.45 x 305' NO. OF BLDGS. NOW ON LOT: 0
USE OF EXISTING BLDG.: Office NO. OF FAMILIES: 1 NO. OF ROOMS: 5

DESCRIPTION OF WORK

NEW		ALTERATION		ADDITION	
REPAIR		MOVING	X	DEMOLISH	

SQ. FT. SIZE: 26'8" x 41'0 NO. OF ROOMS: 5 STORIES: 1
WALL COVERING: RW Rustic Sid. ROOF COVERING: Compo.
USE OF NEW BUILDING: dwelling

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: UNITED CONCRETE PIPE CORP.
AUTHORIZED AGT.: D. L. Roberts Secretary

DBS-2 5CM 8/52 7-47 $
VALUATION: 3300.00

P. C. $
FEE $
FEE $ 10.00

FOR OFFICE USE ONLY

DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2	—	15706
RECEIVED BY	DATE OF APPL.	DATE ISSUED
[illegible]	6/25/46	[illegible]

BUILDING ADDRESS: [illegible]
LOCALITY: [illegible]
NEAREST CROSS ST.: [illegible]

FIRE ZONE	NO. OF PLANS	TYPE	GROUP
		[illegible]	[illegible]

BLDG. SETBACK LINE: 30' Corr. ORD. NO.
APPROVED BY: [illegible] DATE: [illegible]
USE ZONE: M-1 APPROVED BY: [illegible] DATE: 6/11/46

CORRECTIONS

[illegible]
6/26/46
11 Mag 2 Sec
14 Walls Sec
9/16/46 Garage Drawing
Roof pitch to be 4/12
10/11/46 Elect. O.K.
Sewer permit
[illegible]

ORIGINAL

APPROVALS

	INSPECTOR	DATE
FOUNDATION: LOCATION FORMS, MATERIALS	[illegible]	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS		
LATH, INT.:		
LATH, EXT.:		
PLASTER, INT.		
PLASTER, EXT.	[illegible]	10/11/46
FINAL		

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
C.O. BUILDING 19 1

NO. OF PLANS 2	BLDG. SETBACK LINE None	ORD. NO.	DISTRICT NO. 2EM	PLAN CK. NO. 23627	PERMIT NO. A 7482
FIRE ZONE	APPROVED BY [illegible]	DATE 9-17-40	RECEIVED BY [illegible]	DATE OF APPL. 9-17-40	DATE ISSUED 9-30-40
USE ZONE M-1	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME GEO. UNDERWOOD
ADDRESS 126 E. 106 ST.
CITY L.A
STATE LICENSE NO. 5530 TEL. NO. TW 0019

CONTRACTOR
NAME
ADDRESS OWNER
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT. NO. [illegible] SIZE OF LOT [illegible]
BLOCK [illegible] NO. OF BLDGS. NOW ON LOT 3
TRACT
USE OF BLDGS. NOW ON LOT Manufacture of Concrete pipe

BUILDING ADDRESS 419 W. BONITA
LOCALITY BALDWIN PARK
NEAREST CROSS ST. MAINE AVE

OWNER
NAME UNITED CONCRETE PIPE CORP.
MAIL ADDRESS BOX 329
CITY MONROVIA, CAL TEL. NO. COV. 62931

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER AUTHORIZED AGT. Geo. Underwood

DESCRIPTION OF WORK

USE OF BUILDING

BRIDGE FOR CONVEYOR

NEW X	TYPE [illegible]	GROUP [illegible]
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES
ADDITION	SIZE SEE PLANS	
REPAIR	STORIES	
MOVING	WALL COVERING	
DEMOLISH	ROOF COVERING	

$ VALUATION 1500

P. C. $ FEE 3.00
$ FEE 6.00

CORRECTIONS

10/3 P.F. location

ORIGINAL

FINAL APPROVAL

DATE

INSPECTOR'S NAME

DB-3 8-40 20M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 2-6 1

NO. OF PLANS 2	BLDG. SETBACK LINE 50' ℄ Bonita	ORD. NO. Mar Hwy	DISTRICT NO. 2EM	PLAN CK. NO. 25736	PERMIT NO. A14838B
FIRE ZONE 1	APPROVED BY	DATE	RECEIVED BY JW	DATE OF APPL. 12/31/40	DATE ISSUED 2/19/41
USE ZONE M-1-M	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY 2/19

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

Owner

LEGAL DESCRIPTION
LOT. NO.
SIZE OF LOT 145A.
BLOCK
NO. OF BLDGS. NOW ON LOT 5.
TRACT
USE OF BLDGS NOW ON LOT Offic. Shop - Hot Plant - Bath House & Cair Shop

BUILDING ADDRESS ~~1245~~ W. BONITA.
LOCALITY BALDWIN PARK
NEAREST CROSS ST. STEWART

OWNER
NAME UNITED CONC. PIPE CORP
MAIL ADDRESS BOX 239
CITY MONROVIA TEL. NO. Co-6-7751

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER AUTHORIZED AGT. [signature]

DESCRIPTION OF WORK

USE OF BUILDING Move Hot 200' + Put in New. Ftgs. Const Aggregate Storage + Reclaim System.

NEW ✓	TYPE III-IV	GROUP F
ALTERATION	NO. OF ROOMS —	NO. OF FAMILIES —
ADDITION	SIZE 20 X 30	
REPAIR	STORIES Aggregate Storage	
MOVING ✓	WALL COVERING	
DEMOLISH	ROOF COVERING	

$ 5500. VALUATION

P. C. $ 7.00 FEE
$ 14.00 FEE

CORRECTIONS

Port Sec. 6. Twp-1. S. Range 10 W. Sub. Rancho Azusa De Duarte. MB-6-P-80-82 Beg. SW. Cor. Sec. 6 - N-0°16'45" W. on E line Sec. 6 on Sur. Ma. B-179. 3711.57' S. 40°32" W 165 Then S. 44°9' W. 3473.18' to Pt in S. line Sec. 6. Th S. 89°21'15" W. Thereon 2193.07' To. N.W. Cor. Lot #1 Tract 1917. MB. 21. P. 48 Then E To. So. line Sec. 6 To Pt. of Beginning.

ORIGINAL

FINAL APPROVAL

DATE
INSPECTOR'S NAME

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING C.C. 9.0 C

1

PLANS FILED 2 SETS	BLDG. ZONE M-2	FIRE ZONE	DISTRICT No. 2-BP	PLAN CHK. FEE RECEIPT No. 20562	PERMIT No. 98107
TYPE OF BLDG. I II III IV (V) X		GROUP G	DATE OF APPL. 5-6-40	RECEIVED BY [illegible]	DATE ISSUED 5-15-40
BLDG. SETBACK LINE		ORD. NO.			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Wm. J. Todd
ADDRESS 7217 Dalton Ave
CITY L.A.
STATE LICENSE NO. B-1206 TEL. No. B-2917

CONTRACTOR
NAME Oriented Conc. Pipe Corp.
ADDRESS
CITY Tenancy
STATE LICENSE NO. TEL. No. 7W-4196

BUILDING ADDRESS 419 W Rosita Ave
LOCALITY Baldwin Park
NEAREST CROSS ST. Maple St.

OWNER
NAME Oriented Conc. Pipe Corp.
MAIL ADDRESS 1347 W 208th St.
CITY Tenancy TEL. NO. 7W-4196

LEGAL DESCRIP.
LOT SEE ATTACHED SHT. SEC 6 T1S
BLOCK R10W SMBM
TRACT DUARTE
SIZE OF LOT 20 Acres
NO. OF BLDGS. NOW ON LOT [illegible]
USE OF BLDG. NOW ON LOT Pipe Mfg

CLASS OF WORK

NEW	X	ADDITION		DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. Conc Pipe Mfg
NO. OF ROOMS SEE PLANS
SIZE OF BLDG. 30 x 100 / 60 x 135 STORIES 1
NO. OF FAMILIES

DESCRIPTION OF WORK

CORRECTIONS

5/15/40 [illegible]
5/17/40 Flgs OK
5/21/40 Flgs & stuff OK
[illegible]

ORIGINAL

SPECIFICATIONS
FOUNDATION

MATERIAL	EXTERIOR	PIERS
THICKNESS___TOP		
THICKNESS___BOTTOM		
DEPTH IN GROUND		

SEE PLANS

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)	[illegible]		
GIRDERS			
JOISTS___FLOOR	2 x 6		
JOISTS___CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS	2 2x6		
SILL BOLTS	2 x 8		

COVERING

WALL Corr. Iron
ROOF Corrugated Iron

(13,850.00)
VALUATION $ 13,850.00
P.C. FEE $ 15.00
FEE $ 30.00

FINAL APPROVAL

DATE
INSPECTOR'S NAME

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGN O.C.P. Corp. By Wm. J. Todd
OWNER OR AUTHORIZED AGENT

DB-3 4-39 25M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 20-0 **1**

PLANS FILED — SETS	BLDG. ZONE M	FIRE ZONE	
TYPE OF BLDG. I II III (IV) V X	GROUP G		
BLDG. SETBACK LINE 50' from ℄	ORD. NO. Major Hwy		

DISTRICT NO.	PLAN CHK. FEE RECEIPT NO.	PERMIT NO.
2DP	26692	A-441
DATE OF APPL. 6-4-40	RECEIVED BY [signature]	DATE ISSUED 4-17-40

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Wm J Todd
ADDRESS 7217 DALTON AVE
CITY L. A.
STATE LICENSE NO. B1206 TEL. No. PL 4717

CONTRACTOR
NAME UNITE CONCRETE PIPE CORP.
ADDRESS 419 W. BONITA AVE
CITY BALDWIN PARK CALIF
STATE LICENSE NO. TEL. No.

BUILDING ADDRESS 419 W. BONITA AVE
LOCALITY BALDWIN PARK
NEAREST CROSS ST. MAINE AVE

OWNER
NAME UNITED CONC. PIPE CORP.
MAIL ADDRESS 1347 W 208th St.
CITY L. A. TEL NO. TW. 9196

LEGAL DESCRIP.
LOT [illegible] PLAN
SIZE OF LOT B.P. 629-31.
BLOCK
NO. OF BLDGS. NOW ON LOT
TRACT
USE OF BLDG. NOW ON LOT CONC. PIPE MFG.

CLASS OF WORK

NEW		ADDITION	X	DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. CONC. PIPE MFGR. NO. OF ROOMS
SIZE OF BLDG. 36' x 50' STORIES NO. OF FAMILIES

DESCRIPTION OF WORK
SEC. 6 T-1-So. R.10W SUB-DIV.
RANCHO AZUSA de DUARTE, CO. LA.
BM-6 Pgs. 60 to 82 Misc. Rec.

SPECIFICATIONS
FOUNDATION

MATERIAL	EXTERIOR	PIERS
THICKNESS TOP	SEE DETAILS	
THICKNESS BOTTOM		
DEPTH IN GROUND	MIN. 2'-0	

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS FLOOR			
JOISTS CEILING	SEE DETAILS		
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING
WALL CORR. G.I. SIDING ROOF do.

VALUATION $ 2750.00
P.C. FEE $ 4.00
FEE $ 8.00

CORRECTIONS

ORIGINAL

FINAL APPROVAL
DATE INSPECTOR'S NAME

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGN U.C.P. Corp. By Wm J Todd
OWNER OR AUTHORIZED AGENT

D3-3 4-39 25M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 9-C 1

NO. OF PLANS 2	BLDG. SETBACK LINE APPROVED BY	50' from ℄ Mi Hwy ORD. NO. DATE	DISTRICT NO. 2 EM	PLAN CK. NO. 22269	PERMIT NO. A 58631
FIRE ZONE 1			RECEIVED BY	DATE OF APPL. 8-5-40	DATE ISSUED 8-21-40
USE ZONE Me	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT. NO. See Plot Plan
BLOCK
SIZE OF LOT 60x Irreg
NO. OF BLDGS. NOW ON LOT Several
TRACT READ REVERSE SIDE
USE OF BLDGS. NOW ON LOT Concrete Pipe Mfg

BUILDING ADDRESS 419 W. Bonita Ave
LOCALITY Bald Park
NEAREST CROSS ST. Stewart

OWNER
NAME Union Concrete Pipe Co
MAIL ADDRESS Box 329 Monrovia
CITY Monrovia TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT.

DESCRIPTION OF WORK

USE OF BUILDING
Approach Bin

NEW ✓	TYPE IV	GROUP J
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES
ADDITION	SIZE See Plans	
REPAIR	STORIES	
MOVING	WALL COVERING	
DEMOLISH	ROOF COVERING	

CORRECTIONS

8/22/40 Notified by

ORIGINAL

$ VALUATION	P. C. $ FEE 4.00	FINAL APPROVAL
	FEE 8.00	DATE / INSPECTOR'S NAME

2-3-44

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

1

NO. OF PLANS	BLDG. SETBACK LINE	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
FIRE ZONE	APPROVED BY	DATE	2 SOU	32743	
USE ZONE R3	APPROVED BY	DATE	RECEIVED BY	DATE OF APPL. 2-1-44	DATE ISSUED

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Hilton C. Hunt
ADDRESS 1132 Stewart
CITY L.A.
STATE LICENSE NO. C.E. 1299 TEL. NO. WA-4365

CONTRACTOR
NAME
ADDRESS Owner
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT
BLOCK NO. OF BLDGS. NOW ON LOT
TRACT Lee Addition
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS 419 Stewart St.
LOCALITY Baldwin Park
NEAREST CROSS ST. Bonita.

OWNER
NAME United Concrete Pipe Corp.
MAIL ADDRESS 419 Stewart St.
CITY Baldwin Park TEL. NO. CU-42101

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. Lewis H. Evans

DESCRIPTION OF WORK

USE OF BUILDING 2 - 1 Room Offices & Toilet Accessory, Complete for Use as Offices

WARNING!

This construction may be ~~in violation of~~ War Production Board orders. You are cautioned to consult with your local War Production Board Office ~~before~~ commencing the work authorized in this permit.

NEW ✓	TYPE III-H	GROUP C
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES
ADDITION	SIZE 100 Sq. Ft.	
REPAIR	STORIES 1	
MOVING	WALL COVERING	
DEMOLISH	ROOF COVERING	

$ 300.00 VALUATION

P. C. $ FEE 3.00

$ 10.00 FEE

CORRECTIONS

FEB 3 1944

ORIGINAL

FINAL APPROVAL

DATE INSPECTOR'S NAME

...ENT OF BUILDING AND SAFETY
...OUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

2

DISTRICT NO. 2 EM	PLAN CK. NO. 32193	PERMIT NO.	
RECEIVED BY	DATE OF APPL. 2-1-44	DATE ISSUED	

OF ANS Yes | BLDG. SETBACK LINE | ORD. NO.
FIRE ZONE | APPROVED BY | DATE
USE ZONE 113 | APPROVED BY | DATE

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

CONTRACTOR
NAME Hilton C Shedd
ADDRESS 1132 Stearns
CITY L.A.
STATE LICENSE NO. CL-1299 TEL. NO. WA-4365

NAME
ADDRESS Owner
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT
BLOCK NO. OF BLDGS. NOW ON LOT
TRACT See Description
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS 419 Stewart St.
LOCALITY Baldwin Park
NEAREST CROSS ST. Ronita.

OWNER
NAME United Concrete Pipe Corp.
MAIL ADDRESS 419 Stewart St.
CITY Baldwin Park TEL. NO. CU-32101

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. Kenneth E. Jones

DESCRIPTION OF WORK

USE OF BUILDING 2 - I Beam Trolleys
2 Ton Capacity. Complete
per L-89-182

CORRECTIONS

DUPLICATE

NEW V	TYPE III	GROUP C
ALTERATION	NO. OF ROOMS —	NO. OF FAMILIES —
ADDITION	SIZE 100' Long	
REPAIR	STORIES —	
MOVING	WALL COVERING —	
DEMOLISH	ROOF COVERING —	

$ 3800 00 VALUATION

P. C. $ FEE 5.00
$ FEE 10.00

FINAL APPROVAL

DATE INSPECTOR'S NAME

08-3 11-42 10M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

1

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	ORD. NO.	DATE
FIRE ZONE			
USE ZONE M1	APPROVED BY	DATE	

DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2EM.		52214
RECEIVED BY	DATE OF APPL.	DATE ISSUED
Butler R.	5-10-43	~~5-10-43~~ 5-12-43

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. PART OF SE1/4 OF SE1/4
SIZE OF LOT ACREAGE
BLOCK SECT. 6.
NO. OF BLDGS. NOW ON LOT SEVERAL
TRACT T.1.S. R.10.W.
USE OF BLDGS. NOW ON LOT Conc. Pipe Const.

BUILDING ADDRESS 419 W. BONITA
LOCALITY BALDWIN PARK
NEAREST CROSS ST. STEWART

OWNER
NAME United Conc Pipe Co.
MAIL ADDRESS
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. [signature]

DESCRIPTION OF WORK

USE OF BUILDING 6X10 Toilet Bldg

NEW X	TYPE V	GROUP 7
ALTERATION	NO. OF ROOMS 1	NO. OF FAMILIES
ADDITION	SIZE 6X10	
REPAIR	STORIES 1	
MOVING	WALL COVERING Siding	
DEMOLISH	ROOF COVERING Galv. Iron	

VALUATION $ 150.

P. C. $ FEE
FEE $ 2.00

CORRECTIONS

ORIGINAL

FINAL APPROVAL

DATE 5-14-43 INSPECTOR'S NAME B.

DR-3 11-43 ASN 5878

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 20-C-1

NO. OF PLANS 2	BLDG.	ORD. NO.	DISTRICT NO. 2 EM	PLAN CK. NO.	PERMIT NO. 62667
FIRE ZONE —	SETBACK LINE APPROVED BY	DATE	RECEIVED BY Lewis	DATE OF APPL. 2-11-44	DATE ISSUED 2-11-44
USE ZONE M3	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Hilton C. Wood
ADDRESS 1132 Stevens
CITY L.A.
STATE LICENSE NO. C. 1279 TEL. NO. WA-9911

CONTRACTOR
NAME
ADDRESS Owner
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. — SIZE OF LOT 2 acres
BLOCK NO. OF BLDGS. NOW ON LOT 6
TRACT Tract 2 Lot 111
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS 749 Lewis
LOCALITY Baldwin Park
NEAREST CROSS ST. Cain

OWNER
NAME United Concrete Pipe
MAIL ADDRESS 749 Lewis
CITY Baldwin Park TEL. NO. EL-22108

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. Hilton C. Wood

DESCRIPTION OF WORK

USE OF BUILDING Office & Shop
Construct Frame 20'x 30' addition to the Bldg.
WAIVER

This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board Office before commencing the work authorized in this permit.

NEW	TYPE V	GROUP E	
ALTERATION	NO. OF ROOMS 1	NO. OF FAMILIES —	
ADDITION	SIZE 20 x 30		
REPAIR	STORIES 1		
MOVING	WALL COVERING Wood		
DEMOLISH	ROOF COVERING Wood		

VALUATION $ 300.00

P. C. $ FEE $ 3.00

CORRECTIONS

2-11-44 Add Wood Roof.

Done Sept Town
Closed out 5-30-44
WRQ

ORIGINAL

FINAL APPROVAL

DATE 5-30 INSPECTOR'S NAME

DB-3 25M SETS 9-44

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT

BUILDING

Sheet 1

NO. OF PLANS	8	BLDG. SETBACK LINE APPROVED BY		ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
FIRE ZONE	—		DATE		26 Pky	4 9863	17551
USE ZONE	M-2	APPROVED BY	DATE		RECEIVED BY	DATE OF APPL.	DATE ISSUED
					Lewis	11-9-44	11-9-44

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS 4129 Whittier
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT
BLOCK NO. OF BLDGS. NOW ON LOT
TRACT
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS 417 Bonnie Ln
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

OWNER
NAME Limited Concrete Pipe Co
MAIL ADDRESS Same
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. Limited Pipe Co

DESCRIPTION OF WORK

USE OF BUILDING Add to Pipe Bldg
structure for storage of
Pipe. Form PC-32794
Wa. 63672 This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board Office before commencing the work authorized in this permit.

NEW		TYPE 77	GROUP C
ALTERATION		NO. OF ROOMS —	NO. OF FAMILIES —
ADDITION	✓	SIZE 900 ft²	
REPAIR		STORIES 1	
MOVING		WALL COVERING Sheeted	
DEMOLISH		ROOF COVERING Composition	

$ VALUATION 3600.00

P. C. $ FEE 4.00

$ FEE 8.00

CORRECTIONS

1-16-45 Work not started. Prior not through yet

ORIGINAL

FINAL APPROVAL

DATE 12-7-45 INSPECTOR'S NAME Smith

DB-3 25M SETS 9-44

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING
1

NO. OF PLANS 2	BLDG. SETBACK LINE	ORD. NO.	DISTRICT NO. 9
FIRE ZONE —	APPROVED BY	DATE	PLAN CK. NO. 52201
USE ZONE M-3	APPROVED BY	DATE	RECEIVED BY Dunn
			DATE OF APPL. 6-12-45
			PERMIT NO. 91068
			DATE ISSUED 6-29-45

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME R.E. Carse
ADDRESS U.C.P. Corp. Baldwin Park
CITY
STATE LICENSE NO. 6230 TEL. NO. Cumberland 32101

CONTRACTOR
NAME U.C.P. Corp.
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SE ¼ — SIZE OF LOT SE-¼
BLOCK Section 5 NO. OF BLDGS. NOW ON LOT
TRACT T-1-S Range 10 West
USE OF BLDGS. NOW ON LOT Manufacturing etc.

BUILDING ADDRESS 1119 Baldwin
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart & Bonita Ft.

OWNER
NAME United Concrete Pipe Co.
MAIL ADDRESS Baldwin Park, Calif.
CITY TEL. NO. CU-32101

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. R. Jones

DESCRIPTION OF WORK

USE OF BUILDING

Beading - Threading & Cutting small pipe.

NEW ✓	TYPE 5	GROUP G
ALTERATION	NO. OF ROOMS 1	NO. OF FAMILIES
ADDITION	SIZE 40' x 100'	
REPAIR	STORIES 1	
MOVING	WALL COVERING Corrugated	
DEMOLISH	ROOF COVERING Tin	

$ $3600.00 VALUATION

P. C. $ FEE 5.00
$ FEE 10.50

CORRECTIONS

M-6-K Open Shed
S.C. Rec'd Corr.
JUN 12 1945

ORIGINAL

FINAL APPROVAL

DATE 12-6-45 INSPECTOR'S NAME

88-S 25M 6ET9 9:44

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 1

NO. OF PLANS 2	BLDG. SETBACK LINE APPROVED BY	DATE	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
FIRE ZONE —						
USE ZONE	APPROVED BY	DATE		RECEIVED BY	DATE OF APPL.	DATE ISSUED

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT
BLOCK NO. OF BLDGS. NOW ON LOT
TRACT
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS
LOCALITY
NEAREST CROSS ST.

OWNER
NAME
MAIL ADDRESS
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT.

DESCRIPTION OF WORK

USE OF BUILDING

WARNING!
This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board Office before commencing the work authorized in this permit.

NEW	TYPE	GROUP
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES
ADDITION	SIZE	
REPAIR	STORIES	
MOVING	WALL COVERING	
DEMOLISH	ROOF COVERING	

$ VALUATION

P. C. $ FEE

$ FEE

CORRECTIONS

ORIGINAL

FINAL APPROVAL

DATE INSPECTOR'S NAME

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT

BUILDING 1

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	DATE	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
FIRE ZONE —						
USE ZONE	APPROVED BY	DATE		RECEIVED BY	DATE OF APPL.	DATE ISSUED

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT
BLOCK NO. OF BLDGS. NOW ON LOT
TRACT
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS
LOCALITY
NEAREST CROSS ST.

OWNER
NAME
MAIL ADDRESS
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT.

DESCRIPTION OF WORK

USE OF BUILDING

WARNING!
~~This construction may be in violation of~~ War Production Board orders. You are cautioned to consult with your local War Production Board Office ~~before commencing~~ the work authorized in this permit.

NEW	TYPE	GROUP
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES
ADDITION ✓	SIZE	
REPAIR	STORIES	
MOVING	WALL COVERING	
DEMOLISH	ROOF COVERING	

$ VALUATION

P. C. $ FEE

$ FEE

CORRECTIONS

ORIGINAL

FINAL APPROVAL

DATE INSPECTOR'S NAME

DB-5 25M 8ETB 9-44

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

NO. OF PLANS 2	BLDG. SETBACK LINE	ORD. NO.	DISTRICT NO. 7E7M4	PLAN CK. NO. 42268	PERMIT NO. 78760
FIRE ZONE —	APPROVED BY	DATE	RECEIVED BY Lewis	DATE OF APPL. 11-14-44	DATE ISSUED 12-8-44
USE ZONE M3	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME GEO. UNDERWOOD
ADDRESS BALDWIN PARK,
CITY CALIF
STATE LICENSE NO. 5530 TEL. NO.

CONTRACTOR
NAME UNITED CONC. PIPE
ADDRESS
CITY BALDWIN PARK
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SE 1/4 OF S.E 1/4 SIZE OF LOT 20 Ac.
BLOCK SECT. 6 NO. OF BLDGS. NOW ON LOT SEVERAL
TRACT T. 1. S. R 10 W
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS 4[illegible] of Baldwin
LOCALITY Baldwin Park
NEAREST CROSS ST. Elmwood

OWNER
NAME [illegible]
MAIL ADDRESS [illegible]
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. Geo. Underwood

DESCRIPTION OF WORK

USE OF BUILDING ADD TO MAIN SHOP BLDG.

CORRECTIONS

1-16-45 Water Not Connected, Power not thereto yet

ORIGINAL

WARNING!
This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board Office before commencing the work authorized in this permit.

NEW ✓	TYPE IV	GROUP A	
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES	
ADDITION	SIZE [illegible]		
REPAIR	STORIES 1		
MOVING	WALL COVERING C.T.		
DEMOLISH	ROOF COVERING C.T.		

$ VALUATION 1500.00 P.C.$ FEE 1.50
$ FEE 38.00

FINAL APPROVAL
DATE 12-7-45 INSPECTOR'S NAME Smith

DB-3 11-42 10M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

19-e 1

NO. OF PLANS	BLDG.	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2	SETBACK LINE APPROVED BY	DATE	2 & M.	41062.	50861.
FIRE ZONE			RECEIVED BY	DATE OF APPL.	DATE ISSUED
USE ZONE M	APPROVED BY	DATE	Butler	3-12-93	3-12-93

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. PART of SW 1/4 SIZE OF LOT ACREAGE
BLOCK OF Sec. 6. NO. OF BLDGS. NOW ON LOT Several
TRACT T. 1 S. R. 10 W.
USE OF BLDGS. NOW ON LOT Concrete Bldg. Const.

BUILDING ADDRESS 419 W. Bonita A.
LOCALITY Baldwin Park.
NEAREST CROSS ST. Stearns.

OWNER
NAME Warner Const. Pipe Corp.
MAIL ADDRESS Box 1 Stop 11
CITY Los Angeles TEL. NO. Nev. 6-1106.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER / AUTHORIZED AGT. [signature]

DESCRIPTION OF WORK

USE OF BUILDING Basic Mfg.
2.0 x 29 ft. 6 in.
Universe Office
Building to
Clerical Office unit.
P.C. 41062.

NEW	TYPE V.	GROUP U	
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES	
ADDITION X	SIZE 29'6" x 29		
REPAIR	STORIES		
MOVING	WALL COVERING		
DEMOLISH	ROOF COVERING		

VALUATION $ 950 [illegible]

P.C. $ FEE
FEE 4.00

CORRECTIONS

3-12-93 (B) - Walls poured without insp.

ORIGINAL

FINAL APPROVAL

DATE 3-15-93 INSPECTOR'S NAME B

DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING

2406 20-C

PLANS FILED	BLDG. ZONE	FIRE ZONE	DISTRICT No.	PLAN CHK. FEE RECEIPT No.	PERMIT No.
Yes	R-3		2	2324	36228
TYPE OF BLDG. I II III (IV) V X	GROUP O-2		DATE OF APPL. 11-30-36	RECEIVED BY D.H. Hollowell	DATE ISSUED 11-18-36

BLDG. SETBACK LINE 50 ft ORD. NO.

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

Owner

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

Owner

BUILDING ADDRESS Arrow Highway & Normont St.
LOCALITY Baldwin Park
NEAREST CROSS ST. Normont

OWNER
NAME United Concrete Pipe Corp
MAIL ADDRESS c/o P.O. Box Monrovia
CITY TEL. NO. 82-7931

LEGAL DESCRIP.
LOT — SIZE OF LOT
BLOCK — NO. OF BLDGS. NOW ON LOT
TRACT — USE OF BLDG. NOW ON LOT MFG.

CLASS OF WORK

NEW	✓	ADDITION	DEMOLISH
ALTERATION		REPAIR	MOVING

USE OF BLDG. Pipe Manufacture — NO. OF ROOMS
SIZE OF BLDG. 50 x 150 — STORIES — NO. OF FAMILIES

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS TOP		
THICKNESS BOTTOM		
DEPTH IN GROUND		

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS FLOOR			
JOISTS CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING

WALL — ROOF

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGN John Hill
OWNER OR AUTHORIZED AGENT

VALUATION $ 12,000.00 — P.C. FEE $ 6.00 — FEE $ 12.00

DESCRIPTION OF WORK

All work as per Route Sheet Victory Mfg. Bldg.

CORRECTIONS

13.00 FINAL APPROVAL

DATE 26-20 11 | 10 | 36 — INSPECTOR'S NAME

ORIGINAL

OB-3 9-36

DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING

19-C 1

PLANS FILED	BLDG. ZONE M3	FIRE ZONE	DISTRICT No. 2BP	PLAN CHK. FEE RECEIPT No. 873	PERMIT No. 29050-B
TYPE OF BLDG. I II III (IV) V X		GROUP Gr	DATE OF APPL. 4-20-36	RECEIVED BY [illegible]	DATE ISSUED 5-13-36
BLDG. SETBACK LINE 50	ORD. NO. —				

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS Owner
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS Owner
CITY
STATE LICENSE NO. TEL. NO.

BUILDING ADDRESS 461 W. Bonita Ave
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart St

OWNER
NAME United Concrete Pipe Corp
MAIL ADDRESS Box 696-Monrovia, Calif
CITY Baldwin Park Corina 629-31 TEL NO.

LEGAL DESCRIP.
LOT
BLOCK
TRACT
SIZE OF LOT
NO. OF BLDGS. NOW ON LOT
USE OF BLDG. NOW ON LOT

CLASS OF WORK

NEW		ADDITION	X	DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. CRANEWAY EXTENSION
NO. OF ROOMS
SIZE OF BLDG.
STORIES
NO. OF FAMILIES

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS—TOP		
THICKNESS—BOTTOM		
DEPTH IN GROUND		

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS—FLOOR			
JOISTS—CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

See Plans

COVERING

WALL ROOF

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGN [signature]
OWNER OR AUTHORIZED AGENT

VALUATION $ 1500.00 FEE $ 0.00 PL. CK 3.00

DESCRIPTION OF WORK

Extension to Lower Crane Way and changes in lateral Bracing in Bldg.

CORRECTIONS

5-15-36 Cargo - Cocalus
6/4/36 Cargo - Hgs O.K.
7/15/36 Cargo - Tr. sup.

ORIGINAL

FINAL APPROVAL

DATE 1/4/40 INSPECTOR'S NAME [illegible]

DB-2 1-36

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

MAY 4 1953

APPLICATION FOR PERMIT
BUILDING

M

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Highway
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart
OWNER United Concrete Pipe Corp.
MAIL ADDRESS Box 425
CITY Baldwin Park, Cal. TEL. NO. CU 3-2101
ARCHITECT OR ENGINEER George L. Curtis TEL. NO. CU 3-2101
ADDRESS Box 425, Baldwin Park
CONTRACTOR Owner TEL. NO. CU 3-2101
ADDRESS Box 425, Baldwin Park
LEGAL DESCRIPTION LOT NO. SE 1/4 BLOCK Sect. 5
TRACT T 15 Range 10W
SIZE OF LOT SE 1/4 NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. Various NO. OF FAMILIES 0 NO. OF ROOMS 0

DESCRIPTION OF WORK

NEW		ALTERATION		ADDITION	X
REPAIR		MOVING		DEMOLISH	

SQ. FT. SIZE 90' x 93' NO. OF ROOMS STORIES 1
WALL COVERING OPEN ROOF COVERING Corrugated Iron
USE OF NEW BUILDING Concrete pipe manufacture
Add. Wing to Existing Conc. Pipe Mfg. Plant.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. G. L. Curtis

DBS-3 35M SETS 1-4 $ 18,840.00
VALUATION $ ~~15,000.00~~

P. C. $ FEE 19.00
FEE $ 38.00

FOR OFFICE USE ONLY

DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2	A-66098F	E 275781B
RECEIVED BY	DATE OF APPL.	DATE ISSUED
[signature]	5-1-53	7-8-53

BUILDING ADDRESS 14041 Arrow Highway
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart
FIRE ZONE NO. OF PLANS 2 TYPE IV GROUP G
BLDG. SETBACK LINE none ORD. NO. 1494
APPROVED BY DATE
USE ZONE M-2 APPROVED BY [signature] DATE 5/4/53

CORRECTIONS

76

UNLIMITED AREA TYPE IV WITH 30' CLEARANCE
PROVIDE SPECIAL INSPECTOR FOR CONCRETE WORK (f'c 2500) & FOR WELDING
[signature]
NO WORK

ORIGINAL

APPROVALS

	INSPECTOR	DATE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
LATH, INT.:		
LATH, EXT.:		
PLASTER, INT.		
PLASTER, EXT.		
FINAL		

notified by mail closed out no calls & no work valid 9/29/53

DS-3 8-48 5M SEYe

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 20-C1

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2	DATE		2 L.A.	47780	65846
FIRE ZONE			RECEIVED BY	DATE OF APPL.	DATE ISSUED
USE ZONE M-3	APPROVED BY	DATE	Butler	3-17-44	4-14-44

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Milton C. Smith
ADDRESS 1137 S. Broadway
CITY L.A.
STATE LICENSE NO. C.E. 12272 TEL. NO. [illegible]

CONTRACTOR
NAME
ADDRESS
CITY Owner
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SE 1/4 of
BLOCK SE 1/4
TRACT SEC. 16 R.14W. T.1.S.
USE OF BLDGS. NOW ON LOT MFG.
SIZE OF LOT Acreage
NO. OF BLDGS. NOW ON LOT Several

BUILDING ADDRESS 419 Benita
LOCALITY Baldwin Park
NEAREST CROSS ST. Calif.

OWNER
NAME Central Concrete Pipe
MAIL ADDRESS 419 Benita B. Park
CITY TEL. NO. CY 32101

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER / AUTHORIZED AGT. [signature]

DESCRIPTION OF WORK

USE OF BUILDING
3 Bay Extension to West
Union Rooms Crane Rails
This [illegible]
Permit

WARNING!
This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board office before commencing the work authorized in this permit.

NEW	TYPE IV	GROUP C-1	
ALTERATION X	NO. OF ROOMS	NO. OF FAMILIES	
ADDITION	SIZE 30X90		
REPAIR	STORIES		
MOVING	WALL COVERING		
DEMOLISH	ROOF COVERING		

VALUATION $ 270.00

P. C. $ FEE 4.00

FEE $ 8.00

CORRECTIONS

Door [illegible]
Check [illegible] $-35.00
Paid

ORIGINAL

FINAL APPROVAL

DATE

INSPECTOR'S NAME

DB-3'8-43 5M SETS

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

1

NO. OF PLANS 2	BLDG. SETBACK LINE APPROVED BY	ORD. NO. DATE	DISTRICT NO. cc 2 EM	PLAN CK. NO. 46587	PERMIT NO. 60497
FIRE ZONE			RECEIVED BY Laurel C	DATE OF APPL. 12-21-43	DATE ISSUED 12-24-43
USE ZONE M 2	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Milton Shedd
ADDRESS
CITY Baldwin Park
STATE LICENSE NO. #1299 TEL. NO.

CONTRACTOR
NAME United Concrete Pipe Corp
ADDRESS Baldwin Park
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT Acreage
BLOCK NO. OF BLDGS. NOW ON LOT See attached sheet
TRACT
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS 700 Benita Ave
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

OWNER
NAME United Concrete Pipe Corp
MAIL ADDRESS
CITY Baldwin Par. TEL. NO. Cu. 32617

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER United Concrete Pipe Co
AUTHORIZED AGT. Ronald St. Pope Engineer

DESCRIPTION OF WORK

USE OF BUILDING
Gate house

NEW ✓ TYPE V Frame GROUP F
ALTERATION NO. OF ROOMS 4 NO. OF FAMILIES
ADDITION SIZE 12 x 25
REPAIR STORIES 1
MOVING WALL COVERING R/W Siding
DEMOLISH ROOF COVERING 90# Roofing

$ 2,500 VALUATION

P. C. $ 4.00 FEE
$ 8.00 FEE

CORRECTIONS

1-26-44 Smith. Wire 4 gtr

Dear Sirs: Enc. Check for $25.00 Thanks

ORIGINAL

DEC 24 1943

FINAL APPROVAL

DATE INSPECTOR'S NAME

PR-8-2-43 5M SETS

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 1

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2	DATE		2 EM	4649 1	60458.
FIRE ZONE			RECEIVED BY	DATE OF APPL.	DATE ISSUED
USE ZONE M-2	APPROVED BY DATE		Lamont	12-6-43	12-18-43

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY 17-13-6

ARCHITECT OR ENGINEER
NAME Milton C. Shadd
ADDRESS
CITY Baldwin Park
STATE LICENSE NO. 1255 TEL. NO.

CONTRACTOR
NAME Owner
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. See attached Sheet SIZE OF LOT acreage
BLOCK
TRACT
USE OF BLDGS. NOW ON LOT
NO. OF BLDGS. NOW ON LOT 41 Shacks

BUILDING ADDRESS 170 W Bonita Ave
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

OWNER
NAME United Concrete Pipe Corp
MAIL ADDRESS 1700 Bonita Ave
CITY Baldwin Park TEL. NO. Cu. 3361

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER / AUTHORIZED AGT. Harold J. Pope

DESCRIPTION OF WORK

USE OF BUILDING 2 Temporary Wing Additions Main Office

NEW ✓	TYPE V	GROUP F	
ALTERATION	NO. OF ROOMS 8	NO. OF FAMILIES None	
ADDITION ✓	SIZE 17'-9" x 49'-6" each		
REPAIR	STORIES 1		
MOVING	WALL COVERING ½" Insul Bd.		
DEMOLISH	ROOF COVERING Comp Asbestos		

VALUATION $5200 = 2,600 x 2 = $5,200

P. C. $ 7.00
FEE $ 14.00

CORRECTIONS

12-17-43 SB. NOT STARTED. WILL CALL FOR EXCAV. INSP. WHEN READY

1-19-44 SB. EXCAV. okd 1 NO OFFICE By Lewis

J-25-44 Mold not started says Frank don't know when it will start. Time Limit 5-25-44 (Wed?) DL 1943 DLP

ORIGINAL

FINAL APPROVAL

DATE INSPECTOR'S NAME

DB-9 25M 8KT9 9-44

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

Copy

APPLICATION FOR PERMIT

BUILDING

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
FIRE ZONE		DATE	RECEIVED BY	DATE OF APPL.	DATE ISSUED
USE ZONE	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT
BLOCK NO. OF BLDGS. NOW ON LOT
TRACT
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS
LOCALITY
NEAREST CROSS ST.

OWNER
NAME
MAIL ADDRESS
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT.

DESCRIPTION OF WORK

USE OF BUILDING

WARNING!
This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board Office before commencing the work authorized in this permit.

NEW	TYPE	GROUP
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES
ADDITION	SIZE	
REPAIR	STORIES	
MOVING	WALL COVERING	
DEMOLISH	ROOF COVERING	

$ VALUATION

P. C. $ FEE

$ FEE

CORRECTIONS

DUPLICATE

FINAL APPROVAL

DATE INSPECTOR'S NAME

CITY OF IRWINDALE

76A836A CE #603 2-63

APPLICATION FOR BUILDING PERMIT Live Oak 1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUPT OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E. Arroy Hwy., Irwindal
LOT NO. see attached BLOCK
TRACT Legal Description
SIZE OF LOT see attached NO. OF BLDGS. NOW ON LOT 20
USE OF EXISTING BLDG. drawing
OWNER United Concrete Pipe Corporation TEL NO. ED 7-12
ADDRESS 14041 E. Arrow Hwy., Irwinda
ARCHITECT OR ENGINEER Dale W. Wipson TEL NO. LU5-091
ADDRESS 6200 Wilmington, L.A.
CONTRACTOR Soule Steel TEL NO. LU5-091
ADDRESS 6200 Wilmington, L.A.

DESCRIPTION OF WORK

NEW X ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 1280 32x40 NO. OF STORIES 1 NO. OF FAMILIES
USE OF STRUCTURE Boiler House

SIGNATURE OF APPLICANT E.L. Wright Vice President
VALUATION $ 6,~~400~~.00

P.C. FEE $ ~~29.00~~ 14.50 PMT. FEE $ ~~29.00~~ 29.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE E.L. Wright Vice President
ADDRESS 14041 E. Arrow Hwy., Irwindale

BUILDING ADDRESS 14041 E Arrow Hwy
LOCALITY Irwindale
NEAREST CROSS ST. River Grade
DISTRICT NO. 5106 GROUP E TYPE CONST. IV PROCESSED BY Coster
STATISTICAL CLASSIFICATION CLASS. NO. 17 DWELL. UNITS SEWER MAP BK PG
WATER CERTIFICATE: NOT REQUIRED ☐ RECEIVED ☐
MAP NO. HIGHWAY (CIRCLE) STATE MAJOR SECOND. LOCAL
USE ZONE M2 SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

Grade Elevation
10-8-64
Roof to be as shown

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	7-23-64	Coster
FRAME: FIRE STOPS, BRACING, BOLTS	10-8-64	Coster
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK) M.O. CASH

PERMIT VALIDATION (CK) M.O. CASH

LAC 31215 MAY21 2 3 14.50 ¤

LAC 31233 MAY28 1 29.00 ¤

INSPECTOR COPY

CITY OF IRWINDALE

Live Oak

76A53BA CE #603 2-63

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUP'T OF BUILDING

BUILDING ADDRESS: 14041E ~~Arrow Hwy~~
LOCALITY: Irwindale
NEAREST CROSS ST.:

DISTRICT NO.: 5.01 | GROUP: G | TYPE CONST.: IV | PROCESSED BY: Coster

STATISTICAL CLASSIFICATION: CLASS. NO. 17 DWELL. UNITS | SEWER MAP BK PG

WATER CERTIFICATE: NOT REQUIRED [X] RECEIVED [ ]

MAP NO. | HIGHWAY (CIRCLE) | STATE MAJOR SECOND. LOCAL

USE ZONE: M2 | SPECIAL CONDITIONS:

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

All field Welding Req Special Insp

INCREASE VALUATION
18,768.00 TO 26,768.00
49.00 P.C. FEE - 35.50 REC'D. = $13.50
INCREASE
26,768.00

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 Ea. Arrow Hwy., Irwindale
LOT NO.: see attached | BLOCK:
TRACT: Legal Description
SIZE OF LOT: see attached drawing | NO. OF BLDGS. NOW ON LOT: 19
USE OF EXISTING BLDG.:
OWNER: United Concrete Pipe Corporation | TEL. NO. ED 7-1211
ADDRESS: 14041 Ea. Arrow Hwy., Irwindale
ARCHITECT OR ENGINEER: John Case & Assoc. | TEL. NO. CL 4-229
ADDRESS: 800 Colorado, Pasadena
CONTRACTOR: Soule Steel Co. | TEL. NO. LU 5-0911
ADDRESS: 6200 Wilmington Ave., L.A.

DESCRIPTION OF WORK

NEW X ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE: 8400 120 x 70 | NO. OF STORIES: 1 | NO. OF FAMILIES:
USE OF STRUCTURE: Industrial (Pipe Mfg.)
[illegible]
SIGNATURE OF APPLICANT: [signature], President
VALUATION $ 18,768.00 + 8,000 = VALUATION

P.C. FEE $ 35.50 | SUPPL. 13.50 | PMT. FEE $ 98.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: [signature], President
ADDRESS: 14041 Ea. Arrow Hwy., Irwindale

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	11-7-63	Coster
FRAME: FIRE STOPS, BRACING, BOLTS	[illegible]	[illegible]
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

INSPECTOR COPY

20028 AUG 29 23 35.50 05768 SEP 19 1 0800
LAC. 2007 SEPT 12 23 13.50
[signature]

JUN 3 1960

CITY OF IRWINDALE

76A635A CE #507 6-59

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 E Arrow Hwy
LOCALITY Irwindale
NEAREST CROSS ST. Live Oak
DISTRICT NO. 5.26 | GROUP G | TYPE CONST. IV | PROCESSED BY
STATISTICAL CLASSIFICATION CLASS. NO. 17 DWELL. UNITS — | SEWER MAP BK PG
MAP NUMBER MP 33 | STATE HWY. YES NO
USE ZONE M2 | SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P.L.	50	G	L Arrow	10
SIDE P.L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E. ARROW HWY
LOT NO. SEE LEGAL BLOCK
TRACT
SIZE OF LOT 1 REG | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. MFG. CONC. PIPE
OWNER UNITED CONC. PIPE
MAIL ADDRESS 14041 E. ARROW HWY
CITY IRWINDALE TEL. NO. ED 7121
ARCHITECT OR ENGINEER C. CARPENTER TEL. NO. [illegible]
ADDRESS 2614 PECK RD - MON.
CONTRACTOR OWNER TEL. NO.
ADDRESS

DESCRIPTION OF WORK

NEW (ADD) ALTER REPAIR DEMOLISH
SQ. FT. SIZE 9700# NO. OF STORIES 1 NO. OF FAMILIES
USE OF STRUCTURE MFG.

SIGNATURE OF APPLICANT C. Carpenter / Tom Larson
ADDRESS 2614 Peck Rd - Monrovia
VALUATION $ 52000.00

P.C. FEE $ 71.75 | PMT. FEE $ 143.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE C. Carpenter / Tom Larson
ADDRESS 2614 S. Peck - Monrovia

INSPECTION RECORD

[illegible]	[illegible]	[illegible]
	[illegible]	
[illegible]	[illegible]	[illegible]
[illegible]		

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	1-15-60	Evans
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK) M.O. CASH

PERMIT VALIDATION (CK) M.O. CASH

NO. 84099 JUN 23 71.75 NO. 84298 JUN 23 1 143.50

Evans

PLANS MUST BEAR INDUSTRIAL WASTE CLEARANCE

CITY OF IRWINDALE

Version of Sept 2/60

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, County Engineer
WILLIAM A. JENSEN, Supt of Building

BUILDING ADDRESS 14041 E Arrow Hiway
LOCALITY Irwindale
NEAREST CROSS ST. Steinmart

DISTRICT NO.	GROUP	TYPE CONST.	PROCESSED BY
5.06	G	—	Evans

STATISTICAL CLASSIFICATION — CLASS. NO. 17 DWELL. UNITS —
SEWER MAP BK PG

MAP NUMBER —
STATE HWY. YES NO

USE ZONE M-2
SPECIAL CONDITIONS —

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 140 HIARROW HWY
LOT NO. SEE ATTACHED BLOCK
TRACT
SIZE OF LOT
NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER "UNITED CONCRETE PIPE" TEL. NO.
ADDRESS 14041 ARROW HWY
ARCHITECT OR ENGINEER CLYDE GARDNER TEL.
ADDRESS
CONTRACTOR OWNER TEL. NO.
ADDRESS 140 KIARROW HWY

DESCRIPTION OF WORK

NEW ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE
NO. OF STORIES
NO. OF FAMILIES
USE OF STRUCTURE BATCH PLANT
FOUNDATION ONLY
SIGNATURE OF APPLICANT
VALUATION $ 1,000 00

P.C. FEE $
PMT. FEE $ 6 00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE WORKMEN'S COMPENSATION LAWS OF CALIFORNIA.

SIGNATURE OF PERMITTEE United Conc Pipe Co
ADDRESS By C. E. Nolte

PLAN CHECK VALIDATION CK. M.O. CASH

INSPECTION RECORD

	ED-71211-X-	206
"	Foundation only per	
	P.C. 8539 —	
	B.S. Sheet	1.76

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	4-3-61	ED
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, Principal Structural Engineer
PERMIT VALIDATION CK. M.O. CASH

LAC 5497 APR 3 1 6.00

INSPECTOR COPY

CITY OF IRWINDALE

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 E Arrow Hwy
LOCALITY Irwindale
NEAREST CROSS ST. Lime Oak

DISTRICT NO.	GROUP	TYPE CONST.	PROCESSED BY
5 06	F	✓	[illegible]

STATISTICAL CLASSIFICATION CLASS. NO. 9 DWELL. UNITS —
SEWER MAP BK PG
MAP NUMBER 4P32 STATE HWY. YES NO
USE ZONE M-2
SPECIAL CONDITIONS MP23

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 ARROW HWY
LOT NO. SEE LEGAL BLOCK
TRACT
SIZE OF LOT NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. OFFICE
OWNER UNITED CC PIPE TEL. NO.
ADDRESS 14041 ARROW HWY
ARCHITECT OR ENGINEER GEO STOOPS TEL. NO.
ADDRESS COVINA
CONTRACTOR UNITED CC PIPE TEL. NO. ED71211
ADDRESS 14041 ARROW HWY

DESCRIPTION OF WORK

NEW ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 720 NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE ADDITION
United CC Pipe
SIGNATURE OF APPLICANT C. E. Scott
VALUATION $ 3450

P.C. FEE $ 7.50 PMT. FEE $ 15

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE WORKMEN'S COMPENSATION LAWS OF CALIFORNIA.

SIGNATURE OF PERMITTEE United CC Pipe
ADDRESS C E Scott

INSPECTION RECORD

	[illegible]	

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	6-18 [illegible]	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS	6-26 [illegible]	[illegible]
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.	7-3-[illegible]	[illegible]
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

AC 5548 JUN 8 23 7.50

AC 5560 JUN 19 1 15.00

INSPECTOR COPY

...ATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUPT OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Hwy
LOT NO. See attached BLOCK
TRACT Tract
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER United Cerro Plastic Corp
MAIL ADDRESS 14041 Arrow Hwy TEL. NO.
CITY Irwindale
ARCHITECT OR ENGINEER W. M. Simpson TEL. NO.
ADDRESS 5615 Rosemead Blvd. Temple City
CONTRACTOR Owners TEL. NO.
ADDRESS

DESCRIPTION OF WORK

(NEW) ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 50,000 NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE Canopy Structure
Foundation Only
SIGNATURE OF APPLICANT C. E. Scott
ADDRESS
VALUATION $ 15,000.00

P.C. FEE $ | PMT. FEE $ 48.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE C. E. Scott
ADDRESS

BUILDING ADDRESS 14041 Arrow Hwy
LOCALITY Irwindale
NEAREST CROSS ST.
DISTRICT NO. 5.06 | GROUP G | TYPE CONST. IIE | PROCESSED BY
STATISTICAL CLASSIFICATION CLASS. NO. 7 DWELL. UNITS | SEWER MAP BK PG
MAP NUMBER | STATE HWY. YES (NO)
USE ZONE M-2 | SPECIAL CONDITIONS Ord. 1499 Sec. 744 .15 of 6-26-58 MP 3.3

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P.L.		39	Arrow Hwy	100'
SIDE P.L.			Live Oak	100'

INSPECTION RECORD

3/8/60	Not Ready + Job [illegible]
4/1/60	Ready for [illegible]
	Sure OK [illegible]
4/7/60	[illegible]
	Not Ready [illegible]
4/15/60	[illegible]
	Waiting Set + Ready [illegible]
4/19/60	on Job [illegible]

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION (CK.) M.O. CASH

LAC 8233 & Maps 23 77.75-44
Recd
LAC 83453 MAY 31 1 48.00

...WINDALE

76A559A CE #903 11.57

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 ARROW HWY
LOCALITY IRWINDALE
NEAREST CROSS ST. STEWART

DISTRICT NO.	GROUP	TYPE CONST.	SEWER MAP BK	PG
506	G			

STATISTICAL CLASSIFICATION
CLASS. NO. 9 DWELL. UNITS
MAP NUMBER STATE HWY. YES (NO)

USE ZONE M-2 SPECIAL CONDITIONS Ord 1494 Sec 744 rev of 6-26-58 MP 33

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.		50'	Arrow Highway	100'
SIDE P. L.			Pine Oak	100'

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 ARROW HWY
LOT NO. SEE ATTACHED BLOCK
TRACT LEGAL
SIZE OF LOT NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER UNITED CONC. PIPE CORP
MAIL ADDRESS 14041 ARROW HWY
CITY IRWINDALE TEL. NO. ED71211
ARCHITECT OR ENGINEER WM SIMPSON TEL. NO.
ADDRESS 801A FAIROAKS PASA.
CONTRACTOR OWNER TEL. NO.
ADDRESS

DESCRIPTION OF WORK

NEW ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE
CRANE WAY STRUCTURE
SIGNATURE OF APPLICANT C. E. Scott
ADDRESS

$ 150,000.00
60,000
VALUATION

P. C. FEE $ 77.75
FEE $ 155.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE C. E. Scott
ADDRESS

INSPECTION RECORD

150,000
− 15,000 Non. Permit
$135,000 Permit Fee
$250.50

8/28/60 "Foundation only" Valuation $15,000.00 [signature]

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH PERMIT VALIDATION CK. M.O. CASH

LACo 83338 MAR 18 23 77.75
LACo 83356 MAR 24-23 55.00
LACo 83638 APR 18 1 250

INDUSTRIAL WASTE CLEARANCE NOT REQUIRED

Amended 3/2/61

CITY OF IRWINDALE

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUP'T OF BUILDING

BUILDING ADDRESS 15535 E Arrow Hwy
LOCALITY Irwindale
NEAREST CROSS ST. Fourth
DISTRICT NO. 506 | GROUP Sign | TYPE CONST. ✓ | PROCESSED BY [illegible]
STATISTICAL CLASSIFICATION
CLASS. NO. ____ DWELL. UNITS ____
SEWER MAP BK PG
MAP NUMBER 2353 | STATE HWY. YES NO
USE ZONE B-1 M-2 | SPECIAL CONDITIONS Plot Plan App. E. Aguirre 12/27/62

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	10' B-1	50'	Arrow Hwy	90
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 15535 E Arrow Hwy
LOT NO. P-SW¼ S4-T1S-R10W BLOCK
TRACT SGBM
SIZE OF LOT — | NO. OF BLDGS. NOW ON LOT —
USE OF EXISTING BLDG.
OWNER B&L Outdoor TEL. NO. EL 73216
ADDRESS 327 E W Maple Monrovia
ARCHITECT OR ENGINEER Robt Box TEL. NO. CA-19085
ADDRESS 5363 Alhambra Ave. L.A.
CONTRACTOR Same as owner TEL. NO.
ADDRESS

DESCRIPTION OF WORK

(NEW) ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 300' | NO. OF STORIES | NO. OF FAMILIES
USE OF STRUCTURE Advertising a sub Division
SIGNATURE OF APPLICANT Roy Ortiz
VALUATION $ 300.00

P.C. FEE $ Double | PMT. FEE $ 12.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE WORKMEN'S COMPENSATION LAWS OF CALIFORNIA.

SIGNATURE OF PERMITTEE For B&L Outdoor Roy Ortiz
ADDRESS 327 E W Maple Monrovia

INSPECTION RECORD

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

LAC 18388 DEC 27 1 12.00

INSPECTOR COPY

CITY OF IRWINDALE

7648BA CE #803 2/60

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUP'T OF BUILDING

BUILDING ADDRESS: 16020 E Arrow Hwy
LOCALITY: Irwindale
NEAREST CROSS ST.: Irwindale

DISTRICT NO.	GROUP	TYPE CONST.	PROCESSED BY
5 09	Sign	✓	[illegible]

STATISTICAL CLASSIFICATION: CLASS. NO. 17 DWELL. UNITS —
SEWER MAP: BK PG

MAP NUMBER: 2407 STATE HWY. YES NO X

USE ZONE: B1-50 M1½
SPECIAL CONDITIONS: Plot Plan
App - E. Aguirre 12/27/62

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	50	50	Arrow Hwy	90
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS:
LOT NO. P-5-9-T.15 R-10W BLOCK
TRACT: S B B & M
SIZE OF LOT: NO. OF BLDGS. NOW ON LOT —
USE OF EXISTING BLDG. —
OWNER: B+L OUTDOOR ADV. TEL. NO. EL 73216
ADDRESS: 3274 W. Maple Ave
ARCHITECT OR ENGINEER: Robt. Box TEL. NO. CA 19085
ADDRESS: 5363 Alhambra Ave LA
CONTRACTOR: TEL. NO.
ADDRESS: Same as Owner

DESCRIPTION OF WORK

NEW ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE: 300' NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE: Advertising 14 Sub-Division
SIGNATURE OF APPLICANT: Roy Ortiz
VALUATION $ 300.00

P.C. FEE $ Double PMT. FEE $ 12.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE WORKMEN'S COMPENSATION LAWS OF CALIFORNIA.

SIGNATURE OF PERMITTEE: For B+L Outdoor Roy Ortiz
ADDRESS: 3274 W. Maple Monrovia

INSPECTION RECORD

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

LAC 18398 DEC 27 1 12.00

INSPECTOR COPY

CITY OF IRWINDALE

7FA5398A CE #005 6-69

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUPT OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E ARROW HWY
LOT NO. SEE LEGAL BLOCK
TRACT
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. TRANSFORMER BLDG
OWNER UNITED CONC PIPE
MAIL ADDRESS 14041 ARROW HWY
CITY IRWINDALE TEL. NO.
ARCHITECT OR ENGINEER GEO STOUPS TEL. NO.
ADDRESS
CONTRACTOR UNITED TEL. NO. ED71211
ADDRESS

DESCRIPTION OF WORK

NEW ✓ ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 576 NO. OF STORIES 1 NO. OF FAMILIES
USE OF STRUCTURE
TRANSFORMER STORAGE
SIGNATURE OF APPLICANT
ADDRESS
VALUATION $ 2200

P.C. FEE $ 7.50 | PMT. FEE $ 15.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE
ADDRESS

BUILDING ADDRESS 14041 E ARROW HWY
LOCALITY Irwindale
NEAREST CROSS ST. Live Oak
DISTRICT NO. 50 | GROUP B | TYPE CONST. V | PROCESSED BY Evans
STATISTICAL CLASSIFICATION | SEWER MAP BK PG
CLASS. NO. 17 DWELL. UNITS
MAP NUMBER | STATE HWY. YES NO

USE ZONE	SPECIAL CONDITIONS
M-2	

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

INSPECTION RECORD

	Sec 303-I - $30.00	
3/25/	Called Should after Pad [illegible] and Found [illegible]	

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

Co 16878 MAY 7 23 750 ••

Co 17518 JUL23 1 30.00 ••

CITY OF IRWINDALE

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 15703 E Arrow Hwy
LOCALITY Irwindale
NEAREST CROSS ST. Irwindale Rd.
DISTRICT NO. 506 | GROUP G | TYPE CONST. Steel | PROCESSED BY [illegible]
STATISTICAL CLASSIFICATION CLASS. NO. 17 DWELL. UNITS —
SEWER MAP BK PG
MAP NUMBER 2353 | STATE HWY. YES NO X
USE ZONE M-2 | SPECIAL CONDITIONS MP 33

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P.L.		50	Chief Street	100'
SIDE P.L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 15703 ARROW HIGHWAY
LOT NO. 1 & 2 BLOCK
TRACT 11220
SIZE OF LOT 30 ACRES | NO. OF BLDGS. NOW ON LOT 33
USE OF EXISTING BLDG MFG. PIPE
OWNER U.S. INDUSTRIES
MAIL ADDRESS BOX C. AZUSA CALIF
CITY IRWINDALE TEL. NO. ED 74221
ARCHITECT OR ENGINEER MR PHILLIPS TEL. NO.
ADDRESS
CONTRACTOR WESTMONT ENG. TEL. NO.
ADDRESS Los Angeles Calif

DESCRIPTION OF WORK

NEW X ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 400 NO. OF STORIES 1 NO. OF FAMILIES
USE OF STRUCTURE BOILER HOUSE
SIGNATURE OF APPLICANT [signature]
ADDRESS Box C. Azusa
VALUATION $ 2000

P.C. FEE $ 5.75 | PMT. FEE $ 11.50 | Due 5.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE [signature]
ADDRESS [signature]

INSPECTION RECORD

Bldg	per #1712 —	$6.00 —
[illegible]	[illegible]	[illegible]

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

LAC 17098 JUN 14 23 5.75 A M

LAC 17298 JUL 2 1 5.50 P M

DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING

1

PLANS FILED	BLDG. ZONE N/A	FIRE ZONE	DISTRICT No. 2 BP	PLAN CHK. FEE RECEIPT No. 735	PERMIT No. 31265-B
TYPE OF BLDG. I II III IV (V) X		GROUP Gr	DATE OF APPL. 6-18-36	RECEIVED BY [illegible]	DATE ISSUED 7-1-36
BLDG. SETBACK LINE		ORD. NO.			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.
Owner

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

BUILDING ADDRESS 641 BONITA AVE
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart St.

OWNER
NAME United Concrete Pipe Corp.
MAIL ADDRESS Box 696 - Monrovia
CITY Monrovia Calif. TEL NO. Corinth 629-31

LEGAL DESCRIP.
LOT
BLOCK
TRACT
SIZE OF LOT
NO. OF BLDGS. NOW ON LOT
USE OF BLDG. NOW ON LOT

CLASS OF WORK

NEW		ADDITION		DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. Lavatory — NO. OF ROOMS 1
SIZE OF BLDG. 16'x30' — STORIES 1 — NO. OF FAMILIES ==

DESCRIPTION OF WORK

New Bldg to be used for Lavatory

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS___TOP		
THICKNESS___BOTTOM		
DEPTH IN GROUND		

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS___FLOOR			
JOISTS___CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

As per Plans.

COVERING

WALL Corr. Iron — ROOF Corr. Iron.

CORRECTIONS

7/15/36 - Paige - M. O.K.

ORIGINAL

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

United Concrete Pipe Corp.

SIGN [signature]
OWNER OR AUTHORIZED AGENT

VALUATION $ 1000.00 — FEE $ 4.00 — PL. CK. 2.00

FINAL APPROVAL

DATE 7/23/36 — INSPECTOR'S NAME [signature]

DB-3 1-36

CITY OF IRWINDALE

14041 Live Oak

1

70A638A CE#803 8-63

APPLICATION FOR BUILDING PERMIT

Live Oak

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUPT OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E. Arrow Hwy Live Oak
LOT NO.: 1 BLOCK:
TRACT: Irwindale
SIZE OF LOT: NO. OF BLDGS. NOW ON LOT:
USE OF EXISTING BLDG.: Engineering Office
OWNER: United Concrete Pipe TEL. NO.:
ADDRESS:
ARCHITECT OR ENGINEER: TEL. NO.:
ADDRESS:
CONTRACTOR: John Barr TEL. NO. H. 6533
ADDRESS: 10258 E La Rosa Dr T.C.

DESCRIPTION OF WORK

NEW | ADD ✓ | ALTER | REPAIR | DEMOLISH

SQ. FT. SIZE: 2258 & 2650 NO. OF STORIES: 1 NO. OF FAMILIES:
USE OF STRUCTURE: Engineering Office
SIGNATURE OF APPLICANT: John Barr
VALUATION $: 14,000

P.C. FEE $ 26.75 PMT. FEE $ 53.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: John Barr
ADDRESS: 10258 E La Rosa Dr T.C.

PLAN CHECK VALIDATION (CK) M.O. CASH

LAC0 33893 JAN18 23 26.75 N

BUILDING ADDRESS: 14041 E Arrow Hwy
LOCALITY: City Of Irwindale
NEAREST CROSS ST.: Arrow Hwy E
DISTRICT NO.: 5.06 GROUP: F-2 TYPE CONST.: V PROCESSED BY: Coster
STATISTICAL CLASSIFICATION: CLASS. NO. 9 DWELL. UNITS
SEWER MAP BK PG
WATER CERTIFICATE: NOT REQUIRED ☒ RECEIVED ☐
MAP NO. HIGHWAY (CIRCLE) STATE MAJOR SECOND, LOCAL
USE ZONE: M-2 SPECIAL CONDITIONS:

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

2-1-65 1
2-4-65 Roof Nailing Coster

INSPECTOR COPY

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	1-20-65	Coster
FRAME: FIRE STOPS, BRACING, BOLTS	2-4-65	Kirkland
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.	2-15-65	Coster
LATH, EXT.	2-11-65	Coster
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PERMIT VALIDATION (CK.) M.O. CASH

LAC0 33903 JAN18 1 53.50 N

DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING 19e 1

PLANS FILED	BLDG. ZONE	FIRE ZONE	DISTRICT NO.	PLAN CHK. FEE RECEIPT NO.	PERMIT NO.
Yes	M-3		W-M	3168	42-2002
TYPE OF BLDG. I II III (IV) V X	GROUP E-3		DATE OF APPL. 5-1-42	RECEIVED BY R.W. Sillin	DATE ISSUED 5-24-42
BLDG. SETBACK LINE — ORD. NO.					

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME Owner
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

BUILDING ADDRESS Norwalk & Ramona Highway
LOCALITY Baldwin Park
NEAREST CROSS ST.

OWNER
NAME United Concrete Pipe Corp.
MAIL ADDRESS P.O. Box 696
CITY Monrovia TEL. NO. 629-31

LEGAL DESCRIP.

LOT	SIZE OF LOT
BLOCK	NO. OF BLDGS. NOW ON LOT
TRACT	USE OF BLDG. NOW ON LOT

CLASS OF WORK

NEW	X	ADDITION		DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. Concrete Pipe — NO. OF ROOMS
SIZE OF BLDG. 20 x 40 — STORIES 1 — NO. OF FAMILIES

DESCRIPTION OF WORK

Add Test Room as shown on Plans

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS TOP		
THICKNESS BOTTOM		
DEPTH IN GROUND		

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS FLOOR			
JOISTS CEILING			
BEARING WALLS	See Plans		
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING

WALL	ROOF

CORRECTIONS

ORIGINAL

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGN Steve Sillin
OWNER OR AUTHORIZED AGENT

VALUATION $ 3,200.00 — P.C. FEE $ 3.00

FEE $ 6.00

FINAL APPROVAL

DATE 12-29-42 — INSPECTOR'S NAME

DB - 3 12-36

CITY OF IRWINDALE

1

76A636A CE#803 8-64

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T OF BUILDING

BUILDING ADDRESS: 14041 E Live Oak
LOCALITY: Irwindale
NEAREST CROSS ST.: River Grade
DISTRICT NO.: 5106 | GROUP: F 2 | TYPE CONST.: V | PROCESSED BY: Coster
STATISTICAL CLASSIFICATION: CLASS NO. 9 DWELL UNITS ____ | SEWER MAP BK PG
USE ZONE: M | MAP NO. | SPECIAL CONDITIONS

BLDG. SETBACK FROM FRONT PROP. LINE OF ____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

BLDG. SETBACK FROM SIDE PROP. LINE OF ____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

CORNER CUTOFF YES ☐ NO ☐

SEE REVERSE SIDE FOR SPECIAL APPROVALS

Zone OK 10-21-68
Plot Plan, Elevations & Drainage
11-20 68 OK to Valp

$93.50

APPROVALS | DATE | INSPECTOR'S SIGNATURE

FOUNDATION, LOCATION FORMS, MATERIALS	11-13-68	Coster
FRAME, FIRE STOPS, BRACING BOLTS	11-22-68	Coster
FURNACE: LOCATION GAS VENT, DUCTS		
LATH, INT.	11-25	
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	2-11	1.0 Bath

INSPECTOR COPY

Pool Application Due

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E Live Oak
LOT NO.: Irwindale BLOCK
TRACT
SIZE OF LOT: 1 Lot in file | NO. OF BLDGS. HOW ON LOT
USE OF EXISTING BLDG.
OWNER: Co. Conc. Pipe TEL. NO. Ed 72111
ADDRESS: 14041 E Live Oak
CITY: Irwindale
ARCHITECT OR ENGINEER | TEL. NO.
ADDRESS
CONTRACTOR: John Barr TEL. NO. 446 6533
ADDRESS: 10258 Elm Ave LIC. NO. 120586
CITY: Temple City LIC. CLASS

DESCRIPTION OF WORK

NEW | ADD ✓ | ALTER ✓ | REPAIR | DEMOLISH

SQ. FT. SIZE	NO. OF STORIES	NO. OF FAMILIES
1030 900		

USE OF STRUCTURE: Office

SIGNATURE OF APPLICANT: John Barr

VALUATION $ 20,000.00

P.C. FEE $ 56.10 | PMT. FEE $ 93.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: John Barr
ADDRESS

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK.) M.O. CASH
LA 20658 OCT 21 23 56.10 IN

PERMIT VALIDATION (CK) M.O. CASH
LA 20796 NOV 13 1 93.50 IN

DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING 1 9-C

PLANS FILED: Yes | BLDG. ZONE: M-3 | FIRE ZONE:
TYPE OF BLDG.: I II III (IV) V X | GROUP: F-2
BLDG. SETBACK LINE: 50 ft | ORD. NO.:

DISTRICT No.	PLAN CHK. FEE RECEIPT No.	PERMIT No.
2-BC	2553	35160-25
DATE OF APPL.	RECEIVED BY	DATE ISSUED
10-19-36	[illegible]	10-22-36

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME:
ADDRESS:
CITY:
STATE LICENSE NO.: TEL. NO.:

CONTRACTOR
NAME: Owner
ADDRESS:
CITY:
STATE LICENSE NO.: TEL. NO.:

BUILDING ADDRESS: Stewart and Lee Trails
LOCALITY: Baldwin Park
NEAREST CROSS ST.:

OWNER
NAME: United Concrete Pipe Corp.
MAIL ADDRESS: P.O. Box Monrovia, Calif
CITY: Covina TEL. NO.: 620-81

LEGAL DESCRIP.
LOT: | SIZE OF LOT:
BLOCK: | NO. OF BLDGS. NOW ON LOT:
TRACT: | USE OF BLDG. NOW ON LOT:

CLASS OF WORK

NEW		ADDITION	X	DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG.: Conc. Pipe Mfg. | NO. OF ROOMS:
SIZE OF BLDG.: 60 x 164 | STORIES: 1 | NO. OF FAMILIES:

DESCRIPTION OF WORK
Extension to Main Bldg. and New Lean-to.

SPECIFICATIONS

60 x 164

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS—TOP		
THICKNESS—BOTTOM		
DEPTH IN GROUND	5	

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)	N/A		
GIRDERS			
JOISTS—FLOOR			
JOISTS—CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING

WALL: | ROOF:

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGN: [signature]
OWNER OR AUTHORIZED AGENT

CORRECTIONS

11-9-36 Agree
11-11-36 Sub Framing Inc.
11-23-36 Sub Roof Steel
Grouted Engrs.
11-7-36 Final Grade Insp.

ORIGINAL

VALUATION $ 8000 00
P.C. FEE $ 2.00
FEE $ 15.00

FINAL APPROVAL

DATE: 11/4/36 | INSPECTOR'S NAME: [illegible]

DB-3 6-36

CITY OF IRWINDALE

764638A CE #803 2-63

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUP'T OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E Live Oak
LOT NO. IRWINDALE BLOCK
TRACT
SIZE OF LOT Legal NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. Offices
OWNER United Concrete Pipe TEL NO. 337211
ADDRESS
ARCHITECT OR ENGINEER RUHNAU EVANS STEINER TEL NO. ANNAIA
ADDRESS RIVERSIDE
CONTRACTOR JOHN BARR TEL NO. A166533
ADDRESS 10258 E LA ROSA DR T.C.

DESCRIPTION OF WORK

NEW ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 1500 NO. OF STORIES 1 NO. OF FAMILIES
USE OF STRUCTURE offices
SIGNATURE OF APPLICANT John Barr
VALUATION $ 30,000 00

P.C. FEE $ 53.50 PMT. FEE $ 107 00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE John Barr
ADDRESS 10258 E LA ROSA DR T.C.

BUILDING ADDRESS 14041 E. Live Oak
LOCALITY Irwindale
NEAREST GROSS ST. Arrow
DISTRICT NO. 506 GROUP F-2 TYPE CONST. V PROCESSED BY Coster
STATISTICAL CLASSIFICATION CLASS. NO. 9 DWELL. UNITS SEWER MAP NO PG
WATER CERTIFICATE: NOT REQUIRED ☐ RECEIVED ☐
MAP NO. No Map HIGHWAY (CIRCLE) STATE MAJOR SECOND. LOCAL
USE ZONE M-2 SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

10-21-66 Plan...
...Concrete
10-24-66 Not Approved
12-19-66 Corrections...
1-13-67 Fire Dept. ...
3-8-67 Corrections...
Email to ...

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	10-24-67	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS	11-21-67	[illegible]
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.	11-28	[illegible]
LATH, EXT.	11-21-67	[illegible]
HOUSE NUMBER CORRECT AND POSTED		
FINAL	3-15-68	[illegible]

INSPECTOR'S COPY

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CR. M.O. CASH

PERMIT VALIDATION CR. M.O. CASH

AC0 11898 SEP30 2 3 53.50 A M

AC0 12148 OCT21 1 107.00 M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14032 ARROW Highway
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart
OWNER United Concrete Pipe
MAIL ADDRESS Baldwin Park
CITY TEL. NO. 471211
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR C. E. Scott TEL. NO.
ADDRESS
LEGAL DESCRIPTION | LOT NO. | BLOCK
TRACT EXISTING
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. | NO. OF FAMILIES

DESCRIPTION OF WORK

NEW ✓ | ALTERATION | ADDITION
REPAIR | DEMOLITION
SQ. FT. SIZE 360 | NO. OF ROOMS 1 | STORIES 1
EXT. WALL COVERING SIDING | ROOF COVERING Comp.
USE OF STRUCTURE PRIVATE
garage

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH THE CORRECTIONS LISTED HEREON AND WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE C. E. Scott
ADDRESS
AUTHORIZED AGT.

76A636A - DBS3 10-50 ®
VALUATION $ 610

P. C. FEE $
FEE $ 9.00

FOR OFFICE USE ONLY

DISTRICT NO. 2 | PLAN CK. NO. — | PERMIT NO. 61652
RECEIVED BY RMS | DATE OF APPL. — | DATE ISSUED 8/7/51
BUILDING ADDRESS 14032 E ARROW HWY
LOCALITY B. PARK
NEAREST CROSS ST. STEWART
FIRE ZONE | NO. OF PLANS | TYPE V | GROUP I
BLDG. SETBACK LINE 50' F.P.L. | ORD. NO.
APPROVED BY | DATE
USE ZONE M-1 | APPROVED BY | DATE
HOUSE NUMBERING
MAP NUMBER | FIELD CHECK BY
NO. ASSIGNED BY | DATE

CORRECTIONS

ORIGINAL

DOUBLE FEE

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
FINAL	[illegible]	1/7/52

DB-1 25M SETS 9-44

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	DATE	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
FIRE ZONE				7-6 W.J.	49513	49538 V
USE ZONE 1113	APPROVED BY	DATE		RECEIVED BY	DATE OF APPL.	DATE ISSUED
				[illegible]	11-20-44	12-[illegible]-44

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME C. MILTON SHEDD
ADDRESS
CITY
STATE LICENSE NO. 1299 TEL. NO. Cov. 62931

CONTRACTOR
NAME OWNER
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. Sely 50 ft
BLOCK Sec 6
TRACT 748- Arlow
USE OF BLDGS. NOW ON LOT
SIZE OF LOT 2 acres
NO. OF BLDGS. NOW ON LOT Several

BUILDING ADDRESS 414 Bonita
LOCALITY Baldwin Park
NEAREST CROSS ST. Stearns

OWNER
NAME UNITED CONCRETE PIPE Co.
MAIL ADDRESS BALDWIN PARK, CALIF
CITY TEL. NO. Cov. 62931

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF OWNER United Con. Pipe Co.
AUTHORIZED AGT. Lyle Hendrickson

DESCRIPTION OF WORK

USE OF BUILDING MATERIAL STORAGE

WARNING!
This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board Office before commencing the work authorized in this permit.

CORRECTIONS

1-6-45 Walk as shown on Plan and Elevation

NEW ✓	TYPE V	GROUP F	
ALTERATION	NO. OF ROOMS —	NO. OF FAMILIES —	
ADDITION	SIZE 40 x 200 (Incl.)		
REPAIR	STORIES 1		
MOVING	WALL COVERING Iron		
DEMOLISH	ROOF COVERING Corr. Iron		

VALUATION $ 11000 00 / 10000 00
P. C. $ 14 00
FEE $ 29 00

FINAL APPROVAL

DATE 12-7-45
INSPECTOR'S NAME Smith

ORIGINAL

DS-3 25M SETS 9-44

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

Sup - 49987

APPLICATION FOR PERMIT
BUILDING 1

NO. OF PLANS ✓	BLDG. SETBACK LINE APPROVED BY	ORD. NO.	DISTRICT NO. 2 SM	PLAN CK. NO. 119572	PERMIT NO. 79553
FIRE ZONE —	DATE		RECEIVED BY	DATE OF APPL. 11-24-44	DATE ISSUED 12-24-44
USE ZONE M3	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Milton Shedd
ADDRESS
CITY
STATE LICENSE NO. 1249 TEL. NO.

CONTRACTOR
NAME Jeremy
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. 567 SE 1/4 SIZE OF LOT 20 acres
BLOCK Sec NO. OF BLDGS. NOW ON LOT Several
TRACT T1S, R10W
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS 419 - Bonita
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

OWNER
NAME United Concrete Pipe Co.
MAIL ADDRESS Same
CITY TEL. NO. Co. 6293

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER United Concrete Pipe Co.
AUTHORIZED AGT. By GW Underwood

DESCRIPTION OF WORK

USE OF BUILDING Material Storage

CORRECTIONS

1-16-45 Well Not Started Prior. Not Hurry yet

ORIGINAL

WARNING!
This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board Office before commencing the work authorized in this permit.

NEW ✓	TYPE V	GROUP F
ALTERATION	NO. OF ROOMS —	NO. OF FAMILIES —
ADDITION	SIZE	
REPAIR	STORIES	
MOVING	WALL COVERING	
DEMOLISH	ROOF COVERING	

$ VALUATION 3000.00
P. C. $ FEE 4.00
$ FEE 8.00

FINAL APPROVAL

DATE 12-7-44 INSPECTOR'S NAME Smith

DB-8 12-21 10M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

NO. OF PLANS 2	BLDG.	ORD. NO.	DISTRICT NO. 2 Cor.	PLAN CK. NO. 41062	PERMIT NO. 47761-P
FIRE ZONE	SETBACK LINE APPROVED BY	DATE	RECEIVED BY M Hinkley	DATE OF APPL. 7-31-42	DATE ISSUED 11-12-92
USE ZONE M-1	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME Owner
ADDRESS Owner
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT
BLOCK NO. OF BLDGS. NOW ON LOT 2
TRACT (See Over)
USE OF BLDGS. NOW ON LOT Shop - Office

BUILDING ADDRESS 419 W Bonita Ave
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

OWNER
NAME United Coke Pipe Corp
MAIL ADDRESS Box 1 Sta H
CITY La Chgo TEL. NO. No 61106

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. Harold J. Pope

DESCRIPTION OF WORK

USE OF BUILDING
Office
Owners Notified
OF M.R.P. C. 91

NEW ✓	TYPE V	GROUP F	
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES	
ADDITION	SIZE 28'x100'		
REPAIR	STORIES 1		
MOVING	WALL COVERING Plaster		
DEMOLISH	ROOF COVERING Composition		

$ 8000.00 VALUATION

P.C. $ 9.00 FEE
$ 18.00 FEE

CORRECTIONS

11-12-92 B Location. Forms not Ready.
1-14-93 B Work not Started
Expect to start in About 2 Weeks.
3-12-93 B F.D.N. Power with my Inspection. (Mr. James & Carlson)
4-5-93 Re-Pl. OK. Ringer Req.
5-5-93 B Wiring not Ready. Work Being Done By Maintenance Elect.
5-10-93 B Ex. Fully Ne. 2 rooms
5-19-93 B 24 Late Ne.

FINAL APPROVAL

DATE 8-5-93 INSPECTOR'S NAME

Elect. Ok

ORIGINAL

88-3 11-42 10M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

1

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	ORD. NO. DATE
FIRE ZONE		
USE ZONE	APPROVED BY	DATE

DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2 E M	17128	96052
RECEIVED BY	DATE OF APPL.	DATE ISSUED
Smith	7-13-43	9-16-43

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY Owner
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. Mfg. Sec. 6 SIZE OF LOT
BLOCK T. 5. R. 10 W NO. OF BLDGS. NOW ON LOT Several
TRACT Marsha Byron De Forest Co.
USE OF BLDGS. NOW ON LOT ~~Canvas~~ Mfg. Sft.

BUILDING ADDRESS 419 W. Pomona
LOCALITY El Monte
NEAREST CROSS ST. N. Flora Vista St.

OWNER
NAME United Concrete Pipe Co.
MAIL ADDRESS Same
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER [signature]
AUTHORIZED AGT. [signature]

DESCRIPTION OF WORK

USE OF BUILDING Switch House & Pit Below.

NEW ✓	TYPE	GROUP G
ALTERATION	NO. OF ROOMS —	NO. OF FAMILIES —
ADDITION	SIZE 14 x 21	
REPAIR	STORIES 1	
MOVING	WALL COVERING	
DEMOLISH	ROOF COVERING	

$ 900.00 VALUATION

P. C. $ No fee FEE $4.00

CORRECTIONS

9-21-43 Floor & Trs. Pours - Without Insp. Asked for Insp. Call Dr. Wall Steel & Forms.

ORIGINAL

FINAL APPROVAL

DATE [illegible] INSPECTOR'S NAME [illegible]

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 140 W Arrow Highway
LOCALITY Pomona Dist. [illegible]
NEAREST CROSS ST. Garey
OWNER Mutt Motor Pics Co
MAIL ADDRESS
CITY Pomona Cal. TEL. NO. FI 7121
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR C. E. Scott TEL. NO. 7313 P
ADDRESS 1126 Brooks St
LEGAL DESCRIPTION | LOT NO. SE ¼ | BLOCK Sec 5
TRACT [illegible] M.L. Rancho
SIZE OF LOT SE/4 129 x [illegible] | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. [illegible] | NO. OF FAMILIES

DESCRIPTION OF WORK

NEW | ALTERATION | ADDITION X
REPAIR | DEMOLITION
SQ. FT. SIZE 1,200 NO. OF ROOMS 5 STORIES 1
EXT. WALL COVERING Plaster | ROOF COVERING Comp
USE OF STRUCTURE Office & Storage
Of Records

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH THE CORRECTIONS LISTED HEREON AND WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE
ADDRESS
AUTHORIZED AGT.

70A888A - D888 10-50 $
VALUATION 1,300

P. C. FEE $2.45
FEE $4.90

FOR OFFICE USE ONLY

DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
3	33652	56559
RECEIVED BY	DATE OF APPL.	DATE ISSUED
[illegible]	4/23/51	5-29-51

BUILDING ADDRESS 140-11 ARROW HIGHWAY
LOCALITY BALD PARK
NEAREST CROSS ST. Garey
FIRE ZONE | NO. OF PLANS 2 | TYPE V | GROUP M
BLDG. SETBACK LINE | ORD. NO.
APPROVED BY [illegible] DATE
USE ZONE M APPROVED BY [illegible] DATE
HOUSE NUMBERING
MAP NUMBER | FIELD CHECK BY
NO. ASSIGNED BY | DATE

CORRECTIONS

No Plan to Retain Office
for this M Zone.
Office Area [illegible]
Steel Pipe Not Covered
Located - 6/15/51 [illegible]
No Setback or Buffer
Strip Shown on Plan At —
[illegible] (OVER)

ORIGINAL

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION, FORMS, MATERIALS	[illegible]	6/8/51
FRAME: FIRE STOPS, BRACING, BOLTS	[illegible]	[illegible]
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.	[illegible]	[illegible]
LATH, EXT.	[illegible]	[illegible]
PLASTER, INT.		
PLASTER, EXT.		
FINAL	[illegible]	[illegible]

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT

JUN 28 1951

BUILDING

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 1404 ARROW HWY.
LOCALITY BALDWIN PARK
NEAREST CROSS ST. STEWART
OWNER UNITED Corp. Bldg.
MAIL ADDRESS Same
CITY L.A. Calif. TEL. NO. AL 71211
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR C. E. Scott TEL. NO. RL 12126
ADDRESS 2926 Adams St. Riv.
LEGAL DESCRIPTION LOT NO. Sec 4 BLOCK Sec 5
TRACT T 1 S R 10 W
SIZE OF LOT [illegible] NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. Service Sta. NO. OF FAMILIES

DESCRIPTION OF WORK

NEW | ALTERATION | ADDITION
REPAIR | DEMOLITION
SQ. FT. SIZE 1220 NO. OF ROOMS 5 STORIES
EXT. WALL COVERING Stucco ROOF COVERING Comp.
USE OF STRUCTURE
Service Sta. & Tire Repair
" "

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH THE CORRECTIONS LISTED HEREON AND WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE C. E. Scott
ADDRESS
AUTHORIZED AGT.

VALUATION 17850 00
P. C. & FEE
FEE $7 80

FOR OFFICE USE ONLY

DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2	38 414	59299
RECEIVED BY	DATE OF APPL.	DATE ISSUED
[illegible]	6/27/51	7/9/51

BUILDING ADDRESS 1404 E. Arrow Highway
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart
FIRE ZONE | NO. OF PLANS | TYPE V | GROUP F
BLDG. SETBACK LINE ORD. NO.
APPROVED BY DATE
USE ZONE M-2 APPROVED BY DATE
MAP NUMBER RMS 46 HOUSE NUMBERING FIELD CHECK BY
NO. ASSIGNED BY DATE

CORRECTIONS

No Mark in Dist. Office
Zoning to Be Checked in Central Office
A Bldg. Permit Supplement To R-56559 - Full Fare P.C.
15,300 - 48.90
B. Atem 17,850 - 56.70
59299 ← → 7.80

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
FINAL	7/10/51	

Smith BU-89566

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

1

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	ORD. NO. DATE	DISTRICT NO. 2EM	PLAN CK. NO. T7126	PERMIT NO. 56654
FIRE ZONE			RECEIVED BY Smith	DATE OF APPL. 8-16-43	DATE ISSUED 9-16-43
USE ZONE M-1	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Kenneth E. James
ADDRESS 529 Palm Drive
CITY Arcadia, California.
STATE LICENSE NO. TEL. NO. AT 74075

CONTRACTOR
NAME United Concrete Pipe Corp.
ADDRESS Baldwih Park, Calif.
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. Pt. of Sec 6
SIZE OF LOT
BLOCK
NO. OF BLDGS. NOW ON LOT
TRACT Rancho Azusa De Duarte
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS 419, West Bonita.
LOCALITY Baldwin Park, Calif.
NEAREST CROSS ST. Stewart

OWNER
NAME United Concrete Pipe Corp.
MAIL ADDRESS Baldwin Park, Calif.
CITY TEL. NO. CU-32617

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. Kenneth E. James

CORRECTIONS

9-21-43 PS NOT STARTED

ORIGINAL

DESCRIPTION OF WORK

USE OF BUILDING ~~Transformer House~~
Compressor House
~~Power Distribution Pit.~~

NEW X	TYPE V	GROUP A
ALTERATION	NO. OF ROOMS 1	NO. OF FAMILIES
ADDITION X	SIZE 18 X 42	
REPAIR	STORIES 1	
MOVING	WALL COVERING wood	
DEMOLISH	ROOF COVERING Cor. Iron	

AUG 1 [illegible]
max accomp

VALUATION $ Less than ~~$4,000.00~~ 1200
P.C. $ 3.00
FEE $6.00

FINAL APPROVAL

DATE 1-3-44
INSPECTOR'S NAME Smith L.

DB-3 11-42 10M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 1

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
FIRE ZONE		DATE	2EM	17127	56653
USE ZONE	APPROVED BY	DATE	RECEIVED BY Smith	DATE OF APPL. 8-16-43	DATE ISSUED 9-16-43

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

Owner

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT
BLOCK NO. OF BLDGS. NOW ON LOT
TRACT
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS 419 W. Bonita
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

OWNER
NAME United Concrete Pipe
MAIL ADDRESS Baldwin Park
CITY TEL. NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER AUTHORIZED AGT. [signature]

DESCRIPTION OF WORK

USE OF BUILDING Power Distribution Pit

WARNING!
This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board Office before commencing the work authorized in this permit.

NEW	TYPE Concrete	GROUP	
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES	
ADDITION ✓	SIZE 10' x 28'		
REPAIR	STORIES		
MOVING	WALL COVERING Concrete		
DEMOLISH	ROOF COVERING "		

VALUATION $ 1200.00 P.C. $ FEE 3.00 $ FEE 6.00

CORRECTIONS

9-21-43 Not Started.

ORIGINAL

[illegible]

FINAL APPROVAL

DATE 1-3-44 INSPECTOR'S NAME [signature]

Dup

CITY OF IRWINDALE

FORM CE 8005 6-69

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUPT OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E ARROW HWY
LOT NO.: SEE ATTACHED BLOCK:
TRACT: LEGAL
SIZE OF LOT: NO. OF BLDGS. NOW ON LOT:
USE OF EXISTING BLDG.:
OWNER: UNITED CONC. PIPE
MAIL ADDRESS: 14041 E ARROW HWY
CITY: IRWINDALE TEL. NO.:
ARCHITECT OR ENGINEER: C CARPENTER TEL. NO.:
ADDRESS: 2614 PEARL RD MONROVIA
CONTRACTOR: OWNER TEL. NO.:
ADDRESS:

DESCRIPTION OF WORK

NEW ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE: NO. OF STORIES: NO. OF FAMILIES:
USE OF STRUCTURE: FOUNDATION FOR BATCH PLANT
SIGNATURE OF APPLICANT: United Conc Pipe C C Corp
ADDRESS:
VALUATION $: 16000

P.C. FEE $ 25.50 | PMT. FEE $ 31.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE: C.C. CARPENTER Tom Larson
ADDRESS: 2614 Pearl Rd - Mon.

BUILDING ADDRESS: 14041 E. Arrow Highway
LOCALITY: Irwindale
NEAREST CROSS ST.: Stephen
DISTRICT NO.: 5 0 E | GROUP: B | TYPE CONST.: Steel | PROCESSED BY: Bone
STATISTICAL CLASSIFICATION: CLASS. NO. 17 DWELL. UNITS: | SEWER MAP BK PG
MAP NUMBER | STATE HWY. YES NO
USE ZONE: M-2 | SPECIAL CONDITIONS: CK

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

INSPECTION RECORD

Bldg Per 5497 - Pr Fee $51.00 Paid
6.00
Thr Portion 45° to Main To Use Meter

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH
8559 Mar 9-23 25.50

PERMIT VALIDATION CK. M.O. CASH
AC 5520 MAY 4 1 45.00 +

CITY OF IRWINDALE

1

76A638A C6R803 8-64 **APPLICATION FOR BUILDING PERMIT**

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T. OF BUILDING

BUILDING ADDRESS	14041 Live Oak
LOCALITY	Irwindale
NEAREST CROSS ST.	Rivergrade
DISTRICT NO.	5.06
GROUP	G
TYPE CONST.	
PROCESSED BY	Coster
STATISTICAL CLASSIFICATION CLASS NO.	17
DWELL UNITS	
SEWER MAP BK.	None
USE ZONE	M-2
MAP NO.	None
SPECIAL CONDITIONS	

BLDG. SETBACK FROM FRONT PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

BLDG. SETBACK FROM SIDE PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

CORNER CUTOFF YES ☐ NO ☐

SEE REVERSE SIDE FOR SPECIAL APPROVALS

Zone ok. 1-19-68
Alfred Herrera
6-17-68 8 pads ok Coster

FOR APPLICANT TO FILL IN

BUILDING ADDRESS	14041 E. Live Oak
LOT NO.	See attached
BLOCK	
TRACT	legal description
SIZE OF LOT	ACREAGE
NO. OF BLDGS NOW ON LOT	SEVERAL
USE OF EXISTING BLDG.	Manufacturing
OWNER	United
TEL. NO.	
ADDRESS	Concrete Pipe
CITY	Corp-
ARCHITECT OR ENGINEER	oration
TEL. NO.	
ADDRESS	14041 E. Live Oak
CONTRACTOR	Same
TEL. NO.	
ADDRESS	
LIC NO.	
CITY	
LIC CLASS	

DESCRIPTION OF WORK

(NEW) ADD ALTER REPAIR DEMOLISH

SQ. FT. SIZE	1296	NO. OF STORIES	1
NO. OF FAMILIES			
USE OF STRUCTURE	Steam Curing Boxes		
SIGNATURE OF APPLICANT	E L Wright		
VALUATION $	9,400.		

P.C. FEE $ 29.10 PMT. FEE $ 48.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE Palmer C Galeup

ADDRESS

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION, LOCATION FORMS, MATERIALS		
FRAME, FIRE STOPS, BRACING BOLTS		
FURNACE: LOCATION GAS VENT: DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED	6-17-68	Coster
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK) M.O. CASH
LAC 17688 JAN 1923 29.10 in

PERMIT VALIDATION CK. M.O. CASH
LAC 18148 FEB 19 1 48.50 in

INSPECTOR COPY

MAY 17 1968

CITY OF IRWINDALE

1

76A698A CER609 6-64

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E. Live Oak Ave. Irwindale, California
LOT NO.: See attached legal description BLOCK
TRACT
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.: Manufacturing
OWNER: U.C.P.C. TEL. NO. 337-1211
ADDRESS: 14041 E. Live Oak Ave. Irwindale, Calif.
CITY
ARCHITECT OR ENGINEER: C. Carpenter TEL. NO. (714) 776-4733
ADDRESS: 292 No. Wilshire Ave. Anaheim, Calif.
CONTRACTOR: John Barr TEL. NO. 443-6533
ADDRESS: 10258 E. LaRosa LIC. NO. 120586
CITY: Temple City, Cal. LIC. CLASS: B1

DESCRIPTION OF WORK

NEW ~~ADDN~~ ~~ALTER~~ ~~REPAIR~~ ~~DEMOLISH~~
SQ. FT. SIZE | NO. OF STORIES: 1 | NO. OF FAMILIES
USE OF STRUCTURE: Overhead Craneway

SIGNATURE OF APPLICANT: E. L. Wright
VALUATION $: 28,400.

P.C. FEE $: 79.20
PMT. FEE $: 132.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: Palmer O'Farrell
ADDRESS

BUILDING ADDRESS: 14041 Live Oak
LOCALITY: Irwindale
NEAREST CROSS ST.: Rivergrade
DISTRICT NO.: 5.06 | GROUP: G | TYPE CONST.: II | PROCESSED BY: Cook
STATISTICAL CLASSIFICATION: CLASS NO. 17 DWELL UNITS ____ | SEWER MAP: None
USE ZONE: M-2 | MAP NO.: None | SPECIAL CONDITIONS:

BLDG. SETBACK FROM FRONT PROP. LINE OF ____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

BLDG. SETBACK FROM SIDE PROP. LINE OF ____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

CORNER CUTOFF YES ☐ NO ☐

SEE REVERSE SIDE FOR SPECIAL APPROVALS

Zoning ok per city 8/26/68
Approved Wilson
9-20-68 checked ok
(2) Sets 8 Mech Lab Plans
10-2-68 Revised Purlin Layout
10-10-68 with 2nd Stairway Exit

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION, LOCATION FORMS, MATERIALS		
FRAME, FIRE STOPS, BRACING BOLTS		
FURNACE: LOCATION GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.	2	
HOUSE NUMBER CORRECT AND POSTED	3	
FINAL		

INSPECTOR COPY

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CR) M.O. CASH
IAC 19118 MAY 823 79.20 A

PERMIT VALIDATION (CR) M.O. CASH
IAC 20338 AUG28 1 132.00 A

CITY OF IRWINDALE

1

75A638A CE 8803 2-69

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUP'T OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E. Live Oak Ave.
LOT NO.: See Attached BLOCK:
TRACT: Legal Description
SIZE OF LOT: See NO. OF BLDGS. NOW ON LOT: 21
USE OF EXISTING BLDG.: Attached Drawings
OWNER: United Concrete Pipe Corp. TEL. NO. ED 7121
ADDRESS: 14041 E. Live Oak Ave.
ARCHITECT OR ENGINEER: W W Smith TEL. NO. ED 7121
ADDRESS: 14041 E Live Oak Ave
CONTRACTOR: TEL. NO.
ADDRESS:

DESCRIPTION OF WORK

NEW ADD X ALTER REPAIR DEMOLISH
SQ. FT. SIZE: NO. OF STORIES: NO. OF FAMILIES:
USE OF STRUCTURE: Concrete Batching Plant
SIGNATURE OF APPLICANT: E. L. Wright V.P. Engr.
VALUATION $ 9,600.00

P.C. FEE $ 19.75 PMT. FEE $ 39.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS RELATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: E L Wright V.P. Engr.
ADDRESS:

BUILDING ADDRESS: 14041 Live Oak
LOCALITY: Irwindale
NEAREST CROSS ST.: Rivergrade
DISTRICT NO.: 506 GROUP: 6 TYPE CONST.: PROCESSED BY:
STATISTICAL CLASSIFICATION: CLASS. NO. 23 DWELL. UNITS: SEWER MAP BK PG:
WATER CERTIFICATE: NOT REQUIRED ☐ RECEIVED ☐
MAP NO.: HIGHWAY (CIRCLE) STATE MAJOR SECOND, LOCAL
USE ZONE: M-2 SPECIAL CONDITIONS:

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

1-21-65 Coatings Proved

INSPECTOR COPY

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	1-19-65	
FRAME: FIRE STOPS, BRACING, BOLTS	2-11-65	
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED	3-18-65	
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

LAC0 32973 NOV 19 23 19.75 N

LAC0 33343 DEC 7 1 39.50 N

SPECIAL INSP FOR STRUCTURAL FIELD WELDING, CONC. & FIELD FABRICATION.

CITY OF IRWINDALE

APPLICATION FOR BUILDING PERMIT

1

76A638A CE #603 2-63

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUP'T OF BUILDING

BUILDING ADDRESS	14041 Live Oak
LOCALITY	Irwindale
NEAREST CROSS ST.	Riverside

DISTRICT NO.	GROUP	TYPE CONST.	PROCESSED BY
5106	G		

STATISTICAL CLASSIFICATION — CLASS. NO. 12 DWELL. UNITS ____ — SEWER MAP BK ____ PG ____ NONE

WATER CERTIFICATE: NOT REQUIRED ☐ RECEIVED ☐

MAP NO. None — HIGHWAY (CIRCLE) STATE MAJOR SECOND. LOCAL

USE ZONE M-2 — SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

8" D. Steel & Lock Rod
8-Wide Hwy Sta.

8-28-67 North Entrance Col.

9-13-67 Conc. Wood Footings
9-18 - Pour South Footing
10-2 & 3 Grouting of
Column & Conc. Work

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 East Live Oak Ave. Irwindale, California

LOT NO. ____ BLOCK ____

TRACT: See attach. legal descriptio of property

SIZE OF LOT ____ NO. OF BLDGS. NOW ON LOT: See attach

USE OF EXISTING BLDG.: Manufacturing

OWNER: United Concrete Pipe Corporation TEL. NO. 337-120

ADDRESS: 14041 E. Live Oak Ave. Irwindale, California

ARCHITECT OR ENGINEER ____ TEL. NO. ____

ADDRESS ____

CONTRACTOR: L. D. Piffenbaugh, Inc TEL. NO. 684-2820

ADDRESS: 2375 Chicago Ave. Riverside, California

DESCRIPTION OF WORK

NEW	ADD	ALTER	REPAIR	DEMOLISH
SQ. FT. SIZE			NO. OF STORIES	NO. OF FAMILIES

USE OF STRUCTURE: Vertical Pipe Coating Machine

SIGNATURE OF APPLICANT: X [signature]

VALUATION $ 41,000.00

P.C. FEE $ 70.00 — PMT. FEE $ 140.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: Palmer C. Gallup

ADDRESS: PROJ. ENGR.

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS	11-6-67	[signature]
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH: INT.		
LATH: EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK) M.O. CASH ____

PERMIT VALIDATION (CK.) M.O. CASH ____

INSPECTOR COPY

MC 14716 JAN 1923 70.00 MC 15206 JUL 717 14000

SPECIAL INSPECTION
CONC. OVER
2000 PSI
STRUCTURAL
FIELD
WELDING
IF ANY

CITY OF IRWINDALE

1

76A636A C58803 8-64

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T. OF BUILDING

BUILDING ADDRESS 14041 Live Oak
LOCALITY Irwindale
NEAREST CROSS ST. Rivergrade
DISTRICT NO. 5106 | GROUP G | TYPE CONST. III | PROCESSED BY Costa
STATISTICAL CLASSIFICATION CLASS NO. 9 DWELL UNITS ____ | SEWER MAP BK. PG. None
USE ZONE M-2 | MAP NO. None | SPECIAL CONDITIONS

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E. Live Oak Ave.
LOT NO. Irwindale, California BLOCK
TRACT See attach. legal descript.
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT See Attach.
USE OF EXISTING BLDG. Manufacturing
OWNER United Concrete Pipe Corp. TEL. NO. 337-1211
ADDRESS 14041 E. Live Oak
CITY Irwindale, Calif.
ARCHITECT OR ENGINEER Soule' Steel TEL. NO. 585-0911
ADDRESS 6200 Wilmington, L.A.
CONTRACTOR Not known at this time TEL. NO.
ADDRESS LIC NO.
CITY LIC CLASS

BLDG. SETBACK FROM FRONT PROP. LINE OF LIVE OAK (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

BLDG. SETBACK FROM SIDE PROP. LINE OF ARROW HIGHWAY (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

CORNER CUTOFF YES ☐ NO ☐

DESCRIPTION OF WORK

NEW ADD X ALTER REPAIR DEMOLISH
SQ. FT. SIZE 640 NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE Boiler House
SIGNATURE OF APPLICANT
VALUATION $ 4,800.00

SEE REVERSE SIDE FOR SPECIAL APPROVALS

9-20-67 Slab poured ok Costa

P.C. FEE $ 11.00 | PMT. FEE $ 22.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE E. L. Wright
ADDRESS 14041 E ARROW, IRWINDALE

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION, LOCATION FORMS, MATERIALS	9-15-67	Costa
FRAME, FIRE STOPS, BRACING BOLTS	10-20-67	Costa
FURNACE: LOCATION GAS VENT, DUCTS		
LATH. INT.		
LATH. EXT. [illegible]	11-17-67	Costa
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

INSPECTOR COPY

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH
LAC 15626 AUG 21 23 11.00 1 00

PERMIT VALIDATION CK. M.O. CASH
LAC 15986 SEP 15 1 22.00 10

DEPARTMENT OF BUILDING
COUNTY OF LOS ANGELES

APPLICATION FOR PERMIT
BUILDING

1

PLANS FILED	BLDG. ZONE	FIRE ZONE	DISTRICT NO.	PLAN CHK. FEE RECEIPT NO.	PERMIT NO.
Yes	M-3		2 B.P.	877	28824
TYPE OF BLDG. I II III IV (V) X	GROUP F1		DATE OF APPL. 4-22-36	RECEIVED BY Brown	DATE ISSUED 4-30-36

BLDG. SETBACK LINE

ORD. NO.

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS Owner
CITY
STATE LICENSE NO. TEL. NO.

BUILDING ADDRESS 461 N. Glenroy
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart St

OWNER
NAME United Home Life Ins Co
MAIL ADDRESS Box 676 - Monrovia
CITY TEL NO. Cornell 219-J

LEGAL DESCRIP.
LOT 4
BLOCK 7
TRACT
SIZE OF LOT 115 ft.
NO. OF BLDGS. NOW ON LOT 4
USE OF BLDG. NOW ON LOT Residence

CLASS OF WORK

NEW	✓	ADDITION		DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. Office — NO. OF ROOMS
SIZE OF BLDG. 24-6x4-3 — STORIES 1 — NO. OF FAMILIES —

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL	Wood	Conc.
THICKNESS TOP	10"	
THICKNESS BOTTOM	12"	
DEPTH IN GROUND	10'	

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS—FLOOR			
JOISTS—CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING

WALL ROOF

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGN H B Palmer Jr
OWNER OR AUTHORIZED AGENT

VALUATION $ 1500.00 FEE $ 6.00

DESCRIPTION OF WORK

CORRECTIONS

Cost of Lot to Title & Plot

1/16 Acres

Grade Lot so that water will not pond on any part of it

Finish

ORIGINAL

FINAL APPROVAL

DATE 5/20/36 INSPECTOR'S NAME Page

DB - 5 1-36

OB-3 11-42 10M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 20-C

NO. OF PLANS 2	BLDG. SETBACK LINE — ORD. NO.	DISTRICT NO. 2 EM	PLAN CK. NO. 41798	PERMIT NO. 54236
FIRE ZONE	APPROVED BY — DATE	RECEIVED BY Smith	DATE OF APPL. 7-15-43	DATE ISSUED 7-29-43
USE ZONE M1	APPROVED BY — DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Milton C. Shedd
ADDRESS 1132 Stearns St.
CITY Los Angeles, Calif.
STATE LICENSE NO. CI-1299 TEL. NO. WA-4365

CONTRACTOR
NAME U.C.P.Corp.
ADDRESS Baldwin Park.
CITY
STATE LICENSE NO. TEL. NO. CU-32617.

LEGAL DESCRIPTION
LOT NO. PART. OF SE 1/4 OF S.E 1/4
SIZE OF LOT ACREAGE
BLOCK OF Sect. 6.
NO. OF BLDGS. NOW ON LOT SEVERAL
TRACT T.1.S. R-10.W.
USE OF BLDGS. NOW ON LOT MANUFACTURING

BUILDING ADDRESS 419 West Bonita Ave.
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart - Maine.

OWNER
NAME U.C.P.Corp.
MAIL ADDRESS Baldwin Park
CITY B.P. TEL. NO. CU-32617

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER AUTHORIZED AGT. Kenneth E. James Supt.

DESCRIPTION OF WORK

USE OF BUILDING

Extention of our present tool storage house. This bay will be left open on the sides for the present and will be used by the mechanics for the servicing and maintance of our trucks.

NEW	TYPE IV	GROUP G2
ALTERATION	NO. OF ROOMS —	NO. OF FAMILIES —
ADDITION x	SIZE 40' x 167'-6"	
REPAIR	STORIES One	
MOVING	WALL COVERING open	
DEMOLISH	ROOF COVERING G.I.	

VALUATION $ 3,500.00

P. C. $ FEE 6.00

$ FEE 12.00

CORRECTIONS

UNITED CONCRETE PIPE CORP.
IN ZONE M-2
8-20-43 NOT STARTED.
9-21-43 FTGS. POURED
STRUCTURE STARTED
NO CALLS FOR INSP.

ORIGINAL

FINAL APPROVAL

DATE [illegible] INSPECTOR'S NAME [illegible]

DB-3 11-42 30M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING

1

c o

NO. OF PLANS 2	BLDG. SETBACK LINE APPROVED BY DATE	ORD. NO.	DISTRICT NO. 2 E M	PLAN CK. NO. 41536	PERMIT NO. 54957
FIRE ZONE			RECEIVED BY	DATE OF APPL. 7-22-43	DATE ISSUED 8-4-43
USE A-2 ZONE A-1	APPROVED BY DATE				

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME (United Concrete Pipe Corp) Milton C. Shedd
ADDRESS Bonita Ave. at Stewart
CITY Baldwin Park, Calif.
STATE LICENSE NO. 1299 TEL. NO. Cumberland 32617

CONTRACTOR
NAME United Concrete Pipe Corp.
ADDRESS Bonita Ave. at Stewart
CITY Baldwin Park, Calif.
STATE LICENSE NO. 15957 TEL. NO. Cumberland 32617

LEGAL DESCRIPTION
LOT NO. Portion of Sec 6 T 1 S R10 W SIZE OF LOT
BLOCK Rancho Azusa de Duarte NO. OF BLDGS. NOW ON LOT
TRACT Recorded in Book 6 Pages 80 to 82 Misc. Records, L.A. County
USE OF BLDGS. NOW ON LOT Manufacturing

BUILDING ADDRESS 419 West Bonita Avenue
United Concrete Pipe Corp.
LOCALITY Bonita Ave., Baldwin Park
NEAREST CROSS ST. Stewart Ave.

OWNER
NAME United Concrete Pipe Corp.
MAIL ADDRESS Baldwin Park, Calif.
CITY TEL. NO. Cumberland 32617

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER United Concrete Pipe Corp.
AUTHORIZED AGT. Milton C. Shedd

DESCRIPTION OF WORK

USE OF BUILDING Mould loft for laying out templates for steel ship construction for U.S. Army

Have W.P.B. approval and priorities

NEW X	TYPE Whse	GROUP E	
ALTERATION	NO. OF ROOMS 2	NO. OF FAMILIES None	
ADDITION	SIZE 40' x 180'		
REPAIR	STORIES One		
MOVING	WALL COVERING Wood		
DEMOLISH	ROOF COVERING Compo		

$ 10,000.00 VALUATION

P. C. S FEE 11.00

FEE $ 22.00

CORRECTIONS

8-30-43 Building up of walls covered without insp.

ORIGINAL

FINAL APPROVAL

DATE 9-3-43 INSPECTOR'S NAME

DB-3 25M SETS 9-44

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT

BUILDING 1

NO. OF PLANS 2	BLDG. SETBACK LINE APPROVED BY	ORD. NO.	DISTRICT NO. 2	PLAN CK. NO. 52202	PERMIT NO. 92865
FIRE ZONE —	DATE		RECEIVED BY Lewis	DATE OF APPL. 6-12-45	DATE ISSUED 8-1-45
USE ZONE ~~M3~~ M2	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME R. E. CARSE
ADDRESS U.C.P. CORP.
CITY BALDWIN PARK
STATE LICENSE NO. 6230 TEL. NO. CU-32101

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SE 4 SIZE OF LOT SE 4
BLOCK Section 5 NO. OF BLDGS. NOW ON LOT
TRACT T 1 S Range 10 West
USE OF BLDGS. NOW ON LOT Various

BUILDING ADDRESS [illegible]
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart & Bonita St.

OWNER
NAME United Concrete Pipe Co
MAIL ADDRESS Baldwin Park, Calif.
CITY TEL. NO. CU-32101

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. K. James

DESCRIPTION OF WORK

USE OF BUILDING
Maintenance & Repair of cars - trucks & heavy duty construction equipt.

NEW	TYPE V	GROUP G
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES
ADDITION ✓	SIZE 8000 SQ. FT.	
REPAIR	STORIES 1	
MOVING	WALL COVERING CORRUGATED	
DEMOLISH	ROOF COVERING do	

$ VALUATION 8,920.00

P. C. $ FEE 10.00
$ FEE 20.00

CORRECTIONS

8-1-45 - Fdn. Smith

JUN 12 1945

ORIGINAL

FINAL APPROVAL

DATE 12-7-45 INSPECTOR'S NAME Smith

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 19-2M

1

PLANS FILED	BLDG. ZONE	FIRE ZONE	DISTRICT NO.	PLAN CHK. FEE RECEIPT NO.	PERMIT NO.
2 SETS	A-1	—	2BP	20696	A-1314
TYPE OF BLDG. I II III (IV) V X	GROUP G		DATE OF APPL.	RECEIVED BY	DATE ISSUED
BLDG. SETBACK LINE 50' fm ℄	ORD. NO. M-H 404		6-10-40		6-29-40

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME WM J TODD
ADDRESS 7217 DALTON AVE.
CITY LOS ANGELES
STATE LICENSE NO. B-1206 TEL. No. PL4717

CONTRACTOR
NAME UNITED CONC. PIPE CORP.
ADDRESS 417 W. BONITA Ave.
CITY BALDWIN PARK CALIF
STATE LICENSE NO. TEL. No 629-31

BUILDING ADDRESS 417 W. BONITA AVE.
LOCALITY BALDWIN PARK
NEAREST CROSS ST MAINE & STEWART

OWNER
NAME UNITED CONC. PIPE CORP.
MAIL ADDRESS Box-329 MONROVIA CAL
CITY BALDWIN PARK TEL. NO. 629-31

LEGAL DESCRIP.
LOT SEE
BLOCK PLOT
TRACT PLAN

SIZE OF LOT 100 Acreage
NO. OF BLDGS. NOW ON LOT 5
USE OF BLDG NOW ON LOT CONC. Pipe MFG.

CLASS OF WORK

NEW		ADDITION	X	DEMOLISH	
ALTERATION		REPAIR		MOVING	

USE OF BLDG. Concrete Pipe Mfg. NO. OF ROOMS 1
SIZE OF BLDG. 40' x 50' STORIES 1 NO. OF FAMILIES —

DESCRIPTION OF WORK

SEC. 6 T. 1 So. R-10 W. Sub DIV. RANCHO AZUSA de DUARTE. CO. L.A. B.M. 6 Pg. 80, 82. Misc. Records

SPECIFICATIONS

FOUNDATION

	EXTERIOR	PIERS
MATERIAL		
THICKNESS TOP		
THICKNESS BOTTOM	See details	
DEPTH IN GROUND		

SUPERSTRUCTURE

	SIZE	SPACING	SPAN
R. W. PLATES (SILL)			
GIRDERS			
JOISTS FLOOR	See Plans		
JOISTS CEILING			
BEARING WALLS			
PARTITIONS			
ROOF RAFTERS			
SILL BOLTS			

COVERING

WALL G.I. CORR Iron ROOF SAME

CORRECTIONS

Strap Steel 2
Pad Cap Screw Nuts
Cap Screw Pipe Lugs
Steel of Pipe 3 Gauge
of 1-29-41

FINAL APPROVAL

DATE 12/2/41 INSPECTOR'S NAME

VALUATION $ 1700.00
P.C. FEE $ 3.00
FEE $ 6.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGN U.C.P. Corp By Wm J Todd
OWNER OR AUTHORIZED AGENT

ORIGINAL

DB-3 4-39 25M

CITY OF IRWINDALE

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES — BUILDING AND SAFETY

1

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compenstion Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. 371002 Company State Comp Insur

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the county building inspection department.

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 278-153 Lic. Class C 39

Contractor Ike's Roof Co. Date 8-6-81

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code).

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all County ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

X C C Garcia 8-6-81

Signature of Applicant or Agent — Date

76 A63BA CE803A (REV. 1/80)

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E LIVE OAK

CITY Irwindale ZIP

SIZE OF LOT — NO. OF BLDGS. NOW ON LOT

TRACT — BLOCK — LOT NO.

OWNER U.S. pipe — TEL. NO.

ADDRESS 14041 E LIVE OAK

CITY IRWINDALE, CA ZIP 91706

ARCHITECT OR ENGINEER — TEL. NO.

ADDRESS

CONTRACTOR IKE'S ROOF CO. TEL. NO. 962-5090

ADDRESS 5026 N Irwindale LIC. NO. 278153

CITY Baldwin Park, Calif. LIC. CLASS C-39

SQ. FT. SIZE — NO. OF STORIES — NO. OF FAMILIES — CHECK ONE

DESCRIPTION OF WORK REROOF OFFICE BLDG "CLASS A" COMPOSITION

NEW ☐ ADD ☐ ALTER ☐ REPAIR ☒ DEMOL ☐

USE OF EXISTING BLDG.

APPLICANT (PRINT) C C Garcia TEL. NO. 962-5090

ADDRESS 5026 Irwindale ave B.P.

PRESENT BUILDING ADDRESS

LOCALITY

MOVING CONTRACTOR — TEL. NO.

ADDRESS

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP. LINE	EXIST. WIDTH
FRONT P.L.				
SIDE P.L.				

P.C. Fee $	Permit Fee	90.00
	Issuance Fee	8.50
Investigation Fee	Total Fee	78.50

BUILDING ADDRESS 14041 E LIVE OAK

LOCALITY IRWINDALE

NEAREST CROSS ST. STEWART

ASSESSOR MAP BOOK — PAGE — PARCEL

USE ZONE — MAP NO. — SPECIAL CONDITIONS

DISTRICT 506 — GROUP B2 — TYPE CONST. I — FIRE ZONE III — PROCESSED BY [signature]

STATISTICAL CLASSIFICATION CLASS NO. 22 DWELL. UNITS ____ — ACT. — CONDO.

SEWER MAP BK. PG.

VALUATION $ 4,000

$

FINAL DATE 10/19/81

FINAL By [signature]

VALIDATION

INSPECTOR COPY

521838
[illegible]
1-7850
[illegible]
0811-81

Business License _____

SEE REVERSE FOR EXPLANATORY LANGUAGE

Expiration Date _____

70A638A CE/B03 8-68

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUPT OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 East Live Oak Ave.
LOT NO. ____ BLOCK ____
TRACT: See attached legal
SIZE OF LOT: description NO. OF BLDGS. NOW ON LOT ____
USE OF EXISTING BLDG. ____
OWNER: United TEL NO. 337-1211
ADDRESS: Concrete Pipe Corp.
ARCHITECT OR ENGINEER ____ TEL. NO. ____
ADDRESS ____
CONTRACTOR: Unknown TEL. NO. ____
ADDRESS ____

DESCRIPTION OF WORK

NEW | ADD | ALTER | REPAIR | DEMOLISH
SQ. FT. SIZE: 2,000 NO. OF STORIES: 1 NO. OF FAMILIES ____
USE OF STRUCTURE: Steam Rooms
SIGNATURE OF APPLICANT: Edward L. Wright
VALUATION $ 12,950.

P.C. FEE $ 37.20 PMT. FEE $ 62.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: Valarie Gallup
ADDRESS ____

FOR ENGINEER TO FILL IN

BUILDING ADDRESS: 14041 E. Live Oak
LOCALITY: Irwindale
NEAREST CROSS ST.: Riverside

DISTRICT NO.	GROUP	TYPE CONST.	PROCESSED BY
5.06	G	V	Thielhaus

STATISTICAL CLASSIFICATION: CLASS. NO. 9 DWELL. UNITS 0
SEWER MAP BK None PG ____
WATER CERTIFICATE: NOT REQUIRED ☐ RECEIVED ☐
MAP NO. None. HIGHWAY (CIRCLE) STATE MAJOR SECOND. LOCAL
USE ZONE: M-2 SPECIAL CONDITIONS ____

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

OK per zone 7-31-68 Alfred Herrera
H- No 216.
1.2-
3-3.6 gal steel tk
Required Cooler

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	1-29-69	
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION: GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK) M.O. CASH
LAC 20118 JUL 31 23 37.20 IN

PERMIT VALIDATION CK. M.O. CASH
LAC 20278 AUG 16 1 62.00 IN

Thielhaus

INSPECTOR COPY

CITY OF IRWINDALE

1

76A535A CEN603 8-64

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T. OF BUILDING

BUILDING ADDRESS 14041 LIVE OAK
LOCALITY IRWINDALE
NEAREST CROSS ST. RIVERGRADE RD.

DISTRICT NO.	GROUP	TYPE CONST.	PROCESSED BY
5.06	G	IV	N. Miron

STATISTICAL CLASSIFICATION
CLASS NO. 20 DWELL UNITS _____
SEWER MAP NONE

USE ZONE M-2
MAP NO. NONE
SPECIAL CONDITIONS

BLDG. SETBACK FROM FRONT PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

BLDG. SETBACK FROM SIDE PROP. LINE OF _____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY + YARD = TOTAL
			+ =

CORNER CUTOFF YES ☐ NO ☐

SEE REVERSE SIDE FOR SPECIAL APPROVALS

9-9-70 Setting up wall
Cooler

FOR APPLICANT TO FILL IN

BUILDING ADDRESS United Concrete Pipe Corp
LOT NO. Irwindale BLOCK
TRACT
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER United Conc. Pipe TEL. NO. 337-1211
ADDRESS 14041 E. Live Oak
CITY Irwindale
ARCHITECT OR ENGINEER Same TEL. NO.
ADDRESS
CONTRACTOR Same TEL. NO
ADDRESS LIC NO
CITY LIC CLASS

DESCRIPTION OF WORK

NEW X ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE Steam Boxes for curing concrete pipe
SIGNATURE OF APPLICANT E. L. Wright
VALUATION $48,000.00

P.C. FEE $124.80 PMT. FEE $208.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE Kevin O'Fallup
ADDRESS 14041 E LIVE OAK

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION, LOCATION FORMS, MATERIALS		
FRAME, FIRE STOPS, BRACING BOLTS		
FURNACE: LOCATION GAS VENT. DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED	12-18-70	Cook
FINAL		

INSPECTOR COPY

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION (CK.) M.O. CASH

1 AC 25882 JUL 1323 124.80 m

1 AC 26072 AUG 7 1 208.00 m

City of Irwindale

1

76A 638A CE#809 8-63

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUPT OF BUILDING

INDUSTRIAL WASTE CLEARANCE NOT REQUIRED

INSPECTOR COPY

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E. Live Oak Ave.
LOT NO.: See attached lega BLOCK:
TRACT: description
SIZE OF LOT: NO. OF BLDGS. NOW ON LOT: See plot pl
USE OF EXISTING BLDG.:
OWNER: United Concrete Pipe Corp. TEL NO. 337-121
ADDRESS: See above
ARCHITECT OR ENGINEER: Same TEL NO.
ADDRESS: "
CONTRACTOR: John Barr TEL NO. 443-653
ADDRESS: 10258 E. LaRosa, Temple City

DESCRIPTION OF WORK

(NEW) ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE: 26'7" x 150'8" NO. OF STORIES: NO. OF FAMILIES:
USE OF STRUCTURE: Steam Box Slab & Foundations
SIGNATURE OF APPLICANT: E. L. Wright
VALUATION $: E.L. Wright 15,000.00

P.C. FEE $ 42.60 | PMT. FEE $ 71.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: William O'Gallup
ADDRESS: 14041 Live Oak Irwindale

BUILDING ADDRESS: 14041 E. Live Oak Ave.
LOCALITY: Irwindale
NEAREST CROSS ST.: Rivergrade
DISTRICT NO.: 5106 | GROUP: G | TYPE CONST.: VN | PROCESSED BY: Coster
STATISTICAL CLASSIFICATION: CLASS. NO. 19 DWELL. UNITS: — | SEWER MAP BK — PG —
WATER CERTIFICATE: NOT REQUIRED ☐ RECEIVED ☐
MAP NO.: No Map | HIGHWAY (CIRCLE) STATE MAJOR SECOND. LOCAL
USE ZONE: M-2 | SPECIAL CONDITIONS:

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

Refer to PC 1768 for Condns.
6-15-70 Wire Steel in Conc Slab Over Condns

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	6-8-70	Coster
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED	12-18-70	W Coster
FINAL		

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH
AC 25528 MAY 29 23 42.60 M

PERMIT VALIDATION CK. M.O. CASH
AC 25608 JUN 5 1 71.00 M

SPECIAL INSP FOR STRUCTURAL WELDING (FIELD) & CONCRETE, FABRICATION CERTIFICATION REQ'D.

CITY OF IRWINDALE

1

76A638A GE #803 2-63

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, County Engineer
WILLIAM A. JENSEN, Supt of Building

BUILDING ADDRESS	14041 Live Oak
LOCALITY	Irwindale
NEAREST CROSS ST.	

DISTRICT NO.	GROUP	TYPE CONST.	PROCESSED BY
5106	G	IV	Cashier

STATISTICAL CLASSIFICATION — CLASS. NO. 17 DWELL. UNITS — SEWER MAP NO. None PG

WATER CERTIFICATE: NOT REQUIRED ☐ RECEIVED ☐

MAP NO. None — HIGHWAY (CIRCLE) STATE MAJOR SECOND, LOCAL

USE ZONE M-2 — SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

6-7-67 ok Fire Prevention Taylor by phone
9-11-67 Revised plans
8-29-67 Steel garage Ok

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 East Live Oak Ave. Irwindale, California

LOT NO. — BLOCK

TRACT: See attach. legal descrip. of property.

SIZE OF LOT — NO. OF BLDGS. NOW ON LOT: See attac

USE OF EXISTING BLDG.: Manufacturing

OWNER: United Concrete Pipe Corporation — TEL. NO. 337-421

ADDRESS: 14041 E. Live Oak Ave. Irwindale, Calif. 1211

ARCHITECT OR ENGINEER: CLYDE CARPENTER CE 6964 / Same Nottingham CE 12425 — TEL. NO. Same

ADDRESS: same

CONTRACTOR: Not known at this time — TEL. NO.

ADDRESS

DESCRIPTION OF WORK

(NEW) ADD ALTER REPAIR DEMOLISH

SQ. FT. SIZE — NO. OF STORIES — NO. OF FAMILIES

USE OF STRUCTURE: Batch Plant

SIGNATURE OF APPLICANT: [signature]

VALUATION $ 65,000.00

P.C. FEE $ 98.50 — PMT. FEE $ 197.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE: [signature]

ADDRESS: PROJ. ENGR.

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION, FORMS, MATERIALS	7-10-67	[signature]
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

INSPECTOR COPY

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK) M.O. CASH

PERMIT VALIDATION (CK) M.O. CASH

LAC 14596 JUN 723 — 985 LAC 15196 JUL 717 19700

CITY OF IRWINDALE

1

76-1038A CE#803 8-64 **APPLICATION FOR BUILDING PERMIT**

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
COLEMAN W. JENKINS, SUP'T OF BUILDING

BUILDING ADDRESS	14041 Live Oak
LOCALITY	Irwindale
NEAREST CROSS ST.	Rivergrade

DISTRICT NO.	GROUP	TYPE CONST.	PROCESSED BY
5106	G		Coster

STATISTICAL CLASSIFICATION: CLASS NO. 12 DWELL UNITS ____ | SEWER MAP BK NONE PG

USE ZONE	MAP NO.
M-2	NONE

SPECIAL CONDITIONS

BLDG. SETBACK FROM FRONT PROP. LINE OF ____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

BLDG. SETBACK FROM SIDE PROP. LINE OF ____ (STREET)

TYPE OF HIGHWAY	EXISTING WIDTH	SETBACK FROM C.L.	HIGHWAY +	YARD =	TOTAL
			+	=	

CORNER CUTOFF YES ☐ NO ☐

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 East Live Oak Ave.

LOT NO. ____ BLOCK ____

TRACT See attached legal

SIZE OF LOT description NO. OF BLDGS. NOW ON LOT ____

USE OF EXISTING BLDG. ____

OWNER United TEL. NO. 337-1211

ADDRESS Concrete Pipe

CITY Corporation

ARCHITECT OR ENGINEER ____ TEL. NO. ____

ADDRESS ____

CONTRACTOR United Concrete Pipe TEL. NO ____

ADDRESS ____ LIC NO ____

CITY ____ LIC CLASS ____

DESCRIPTION OF WORK

NEW ____ ADD ____ ALTER ____ REPAIR ____ DEMOLISH ____

SQ. FT. SIZE ____ NO. OF STORIES ____ NO. OF FAMILIES ____

USE OF STRUCTURE Steam box slabs and foundations

SIGNATURE OF APPLICANT [signature]

VALUATION $ 19,000.

P.C. FEE $ 53.40 | PMT. FEE $ 89.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE, OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE [signature]

ADDRESS ____

SEE REVERSE SIDE FOR SPECIAL APPROVALS

5-31-68 Steel up plate
6-1-68 Steel all up plate Hanging Bolts Cable
6-10-68 Ready to pour slab Cable
6-12-68 Pouring Slabs N & S Cable Cables

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION, LOCATION FORMS, MATERIALS		
FRAME, FIRE STOPS, BRACING BOLTS		
FURNACE: LOCATION GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

INSPECTOR COPY

JOHN F. LEWIS, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH ____
AC 18058 FEB 9 23 53.40 M

PERMIT VALIDATION CK. M.O. CASH
AC 18178 FEB 21 1 89.00 M

DEPARTMENT OF COUNTY ENGINEER
DIVISION OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WILLIAM J. FOX, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

NOV 9 1953

BUILDING
APPLICATION

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E. ARROW
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart
OWNER UNITED CONC. PIPE CORP.
MAIL ADDRESS SAME
CITY BALDWIN PARK TEL. NO. CU 32101
ARCHITECT OR ENGINEER R. E. CALCE TEL. NO. AT 05619
ADDRESS 9150 E LAS TUNAS T.C.
CONTRACTOR OWNER TEL. NO.
ADDRESS
LEGAL DESCRIPTION | LOT NO. | BLOCK
TRACT SE 1/4 OF SECT. 5 T15 R10W
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. Various | NO. OF FAMILIES

DESCRIPTION OF WORK

NEW | ALTERATION | ADDITION X
REPAIR | DEMOLITION
SQ. FT. SIZE 18 x 25 SHED | NO. OF ROOMS | STORIES
EXT. WALL COVERING Corr. Iron | ROOF COVERING Corr. Iron
USE OF STRUCTURE
PIPE MANUFACTURING
450 sq
Addition to existing
Pipe Mfg. Plant

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE UNITED CONC. PIPE CORP.
ADDRESS 14041 E ARROW
AUTHORIZED AGT. [signature]

$ VALUATION 3000.00

P. C. $ FEE 5.00 XX
FEE $10.00

FOR OFFICE USE ONLY

DISTRICT NO. 2 | PLAN CK. OR REC. NO. A74944F | PERMIT NO. E42728B
RECEIVED BY H. Dennis | DATE OF APPL. 11/6/53 | DATE ISSUED 12-11-53
BUILDING ADDRESS 14041 E. Arrow Hwy
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart
FIRE ZONE | NO. OF PLANS | TYPE V | GROUP G
BLDG. SETBACK LINE None | ORD. NO. 1224
USE ZONE M-2 | APPROVED BY [signature] | DATE 11/6/53
HOUSE NUMBERING
MAP NUMBER 46 | NO. ASSIGNED BY

CORRECTIONS

ORIGINAL

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS	Valer	12/14/53
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	[signature]	10/9/57

79A636A. DB53 9-52

DEPARTMENT OF COUNTY ENGINEER
DIVISION OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WILLIAM J. FOX, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUPT. OF BUILDING

9/29

BUILDING APPLICATION

1

M

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E. ARROW HIGHWAY
LOCALITY BALDWIN PARK
NEAREST CROSS ST. Stewart
OWNER UNITED CONCRETE PIPE CORP.
MAIL ADDRESS BALDWIN PARK, CALIF.
CITY TEL. NO. CU-3-2101
ARCHITECT OR ENGINEER CHARLES S. ISRAEL TEL. NO. CH-5-2810
ADDRESS 234 So. BRAND, GLENDALE.
CONTRACTOR GLENDALE ENG. INC. TEL. NO. CH-5-2810
ADDRESS 234 So. BRAND, GLENDALE.
LEGAL DESCRIPTION | LOT NO. | BLOCK
TRACT ON FILE IN DIST. OFFICE
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. | NO. OF FAMILIES

DESCRIPTION OF WORK

NEW | ALTERATION | ADDITION
REPAIR | DEMOLITION
SQ. FT. SIZE | NO. OF ROOMS | STORIES
EXT. WALL COVERING | ROOF COVERING
USE OF STRUCTURE

STEEL FRAME FOR CONCRETE MIXER

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE GLENDALE ENGINEERS INC.
ADDRESS 234 So. BRAND GLENDALE
AUTHORIZED AGT. Karl-Ingvar Jonsson

$ 2000.00 VALUATION

P. C. $ 4.00 FEE
FEE $ 8.00

FOR OFFICE USE ONLY

DISTRICT NO. 2 - CO | PLAN CK. OR REC. NO. 7595 | PERMIT NO. E 37107
RECEIVED BY Burba | DATE OF APPL. 9/28/53 | DATE ISSUED 10/15/53
BUILDING ADDRESS 14041 E Arrow Highway
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart
FIRE ZONE | NO. OF PLANS 2 | TYPE III | GROUP F
BLDG. SETBACK LINE 50' Arrow Hy. | ORD. NO. 1184
USE ZONE M-2 | APPROVED BY Powell | DATE 9-28-53
HOUSE NUMBERING
MAP NUMBER | NO. ASSIGNED BY

CORRECTIONS

Foundation up not done 1/27/54 Colvin

ORIGINAL

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS	Colvin	
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	Rust	10/9/57

CAUTION WHEN POURING CONC.

76A688A DBS 8 9-53

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER

NOV 3 1953

BUILDING APPLICATION

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E ARROW
LOCALITY: Baldwin
NEAREST CROSS ST.: Stewart
OWNER: UNITED CONC. PIPE CORP.
MAIL ADDRESS: SAME
CITY: BALDWIN PARK TEL. NO. CU 32101
ARCHITECT OR ENGINEER: R.E. CARSE TEL. NO. AT 0569
ADDRESS: 9150 LAS TUNAS T.C.
CONTRACTOR: OWNER TEL. NO.
ADDRESS
LEGAL DESCRIPTION | LOT NO. | BLOCK
TRACT: SE. 4 OF SEC 5 T15 R10W
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.: Various | NO. OF FAMILIES: 0

DESCRIPTION OF WORK

NEW | ALTERATION | ADDITION X
REPAIR | DEMOLITION
SQ. FT. SIZE: 65x175 | NO. OF ROOMS | STORIES
EXT. WALL COVERING: CORR. IRON | ROOF COVERING: CORR. IRON
USE OF STRUCTURE: PIPE MANUFACTURING
11,475 [illegible]
Addition to existing Pipe Mfg. Plant.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: UNITED CONC. PIPE CORP.
ADDRESS: 14041 E ARROW
AUTHORIZED AGT.: [illegible]

$ VALUATION: 38000.00

P. C. FEE $ 28.50
FEE $ 57.00

75A658A DES 3 2-53

BUILDING ADDRESS: 14041 E. Arrow Hwy.
LOCALITY: Baldwin Park
NEAREST CROSS ST.: Stewart
DISTRICT NO.: 2 | PLAN CK. OR REC. NO.: A74945F | PERMIT NO.: E 42929 B
RECEIVED BY: [illegible] | DATE OF APPL.: 11/6/53 | DATE ISSUED: 12-11-53
USE ZONE: M-2 | NO. OF PLANS | TYPE: V | GROUP: G | FIRE ZONE
ZONING APPROVED BY: [illegible] DATED: 11/6/53
BUILDING SETBACK LINE: None | ORD. NO.: 1499
APPROVED BY: [illegible] DATE: 11/6/53
HOUSE NUMBERING
MAP NUMBER: 46 | NO. ASSIGNED BY

DATE	CORRECTIONS	INSPECTOR
12/23/53	1. All E. side piers use 3/4 + 7/8" ϕ steel - in excess of requirements	
	2. slab tie - will stub out section + provide 4" fill of weld for piece	
	3. Only #5 - #6 not done	
	①	Val
12/29	Sec. A-A - 4 North piers ok.	
	② Exceeds code all 3/4" + 7/8" ϕ	Val

SEC B-B

ORIGINAL

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	Root	10/9/57

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER

11/2

BUILDING APPLICATION

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E. Arrow Hwy
LOCALITY Baldwin Park
NEAREST CROSS ST.
OWNER United Cons. Pipe Corp.
MAIL ADDRESS 14041 E. Arrow Hwy.
CITY Baldwin Park TEL. NO. Ru 32101
ARCHITECT OR ENGINEER Clyde Carpenter TEL. NO. AT 05619
ADDRESS 9150 Las Tunas Dr.
CONTRACTOR Owner TEL. NO. Same
ADDRESS Same
LEGAL DESCRIPTION | LOT NO. 564 | BLOCK Sec. 5
TRACT T1S R10W
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. Mfg. Cons. Pipe | NO. OF FAMILIES

DESCRIPTION OF WORK

NEW		ALTERATION	X	ADDITION	
REPAIR		DEMOLITION			

SQ. FT. SIZE 4500 NO. OF ROOMS 1 STORIES 1
EXT. WALL COVERING Corrugated Iron | ROOF COVERING Corrugated Iron
USE OF STRUCTURE

Reroofing Portion of exist bldg. Mfg. Cons. Pipe

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE Clyde C. Carpenter
ADDRESS 9150 Las Tunas Dr.
AUTHORIZED AGT.

$ 3000.00 VALUATION
P. C. $ FEE 5.00
FEE $ 10.00

70A68A DBS 2 2-53

BUILDING ADDRESS 14041 E. Arrow Hwy
LOCALITY Baldwin Park
NEAREST CROSS ST. Maine
DISTRICT NO. 2-co | PLAN CK. OR Rec. No. 77307 | PERMIT NO. E427628
RECEIVED BY Buchanan | DATE OF APPL. 10/30/53 | DATE ISSUED 12/2/53
USE ZONE M-2 | NO. OF PLANS 2 | TYPE IV | GROUP G | FIRE ZONE
ZONING APPROVED BY Powell DATED 10/30/53
BUILDING SETBACK LINE 50' ORD. NO. 1497U
APPROVED BY: Powell DATE 10/4/53
HOUSE NUMBERING
MAP NUMBER NO. ASSIGNED BY

DATE	CORRECTIONS	INSPECTOR

ORIGINAL

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS	Valov	12/19/53
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	Rust	10/4/54

Cons. Pipe Corp.

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER

10/24/53

BUILDING
APPLICATION

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 Arrow Hwy
LOCALITY: Baldwin Pk.
NEAREST CROSS ST.: Stewart
OWNER: United Concrete Pipe Co
MAIL ADDRESS: 14041 Arrow Hwy.
CITY: Baldwin Pk. TEL. NO.:
~~ARCHITECT OR~~ ENGINEER: W.M. Bostock TEL. NO.: JE 7752
ADDRESS: 3260 E Florence - Hlg Pk.
CONTRACTOR: Owner. TEL. NO.:
ADDRESS: 14041 Baldwin Pk.
LEGAL DESCRIPTION: LOT NO.: BLOCK:
TRACT: Pt SE 1/4 Sec 6, T1S, R10W
SIZE OF LOT: Acrg. NO. OF BLDGS. NOW ON LOT:
USE OF EXISTING BLDG.: Factory Conc Pipe. NO. OF FAMILIES:

DESCRIPTION OF WORK

NEW		ALTERATION	✓	ADDITION	
REPAIR		DEMOLITION			

SQ. FT. SIZE: NO. OF ROOMS: STORIES:
EXT. WALL COVERING: ROOF COVERING:
USE OF STRUCTURE:
Making Concrete Pipe.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: WM Bostock
ADDRESS: 3260 E - Florence - Hlg Pk
AUTHORIZED AGT.:

$ 1170.00
VALUATION

P. C. $ FEE 4.00
FEE $ 8.00

BUILDING ADDRESS: 14041 E. Arrow Hwy
LOCALITY: Baldwin Pk.
NEAREST CROSS ST.: Stewart

DISTRICT NO.	PLAN CK. OR REC. NO.	PERMIT NO.
2-C.O	75565F	E 371861B

RECEIVED BY	DATE OF APPL.	DATE ISSUED
Morgan	10-23-53	10/26/53

USE ZONE	NO. OF PLANS	TYPE	GROUP	FIRE ZONE
M-2				

ZONING APPROVED BY: [signature] 23 Oct 53 DATE
BUILDING SETBACK LINE: " ORD. NO. 1494
APPROVED BY: DATE

HOUSE NUMBERING
MAP NUMBER: None NO. ASSIGNED BY:

DATE	CORRECTIONS	INSPECTOR
10/23/53	Welding; Cont. insp. req'd.	B.K. Kent
10/23/53	Concrete; Cont. insp. not req'd.	B.K. Kent

ORIGINAL

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION, FORMS, MATERIALS	[signature]	11/20/57
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	Root	10/9/57

76A630A DBS 3 2-53

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER

BUILDING

APPLICATION

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 Arrow Highway
LOCALITY: Baldwin Park
NEAREST CROSS ST.: Stewart
OWNER: United Concrete Pipe Corp
MAIL ADDRESS: Box 425
CITY: Baldwin Park - Cal. TEL. NO. CU-3-2101
ARCHITECT OR ENGINEER: W M Bostock TEL. NO. SE-7752
ADDRESS: 3260 E Florence - Huntington Park
CONTRACTOR: Owner TEL. NO. CU-3-2101
ADDRESS: Box 425 - Baldwin Park
LEGAL DESCRIPTION: LOT NO. SE 1/4 BLOCK See B
TRACT: T 15 Range 10 W
SIZE OF LOT: SE 1/4 NO. OF BLDGS. NOW ON LOT:
USE OF EXISTING BLDG.: Various NO. OF FAMILIES:

DESCRIPTION OF WORK

NEW | ALTERATION | ADDITION
REPAIR | DEMOLITION | Renewal ✓
SQ. FT. SIZE: 90' x 93 NO. OF ROOMS: STORIES:
EXT. WALL COVERING: Open ROOF COVERING: Corr Steel
USE OF STRUCTURE: Concrete Pipe Mfr.

Add Wing to Existing Conc Pipe Mfg Plant

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: W M Bostock Str Eng
ADDRESS: 3260 E Florence
AUTHORIZED AGT.

$ VALUATION: 18,840
P. C. $ FEE: —
FEE $ 19.00 XX

76A652A DBS 3 2-59

BUILDING ADDRESS: 14041 E Arrow Highway
LOCALITY: Baldwin Park
NEAREST CROSS ST.: Stewart

DISTRICT NO.	PLAN CK. OR REC. NO.	PERMIT NO.
2	—	E37021B
RECEIVED BY: H. Derin	DATE OF APPL.: —	DATE ISSUED: 10/13/53

USE ZONE	NO. OF PLANS	TYPE	GROUP	FIRE ZONE
M-2		IV	G	

46 ZONING APPROVED BY: DATED
BUILDING SETBACK LINE: None ORD. NO. 1494
APPROVED BY: [signature] DATE 10/14/53
HOUSE NUMBERING
MAP NUMBER: 46 NO. ASSIGNED BY:

DATE	CORRECTIONS	INSPECTOR
	Renewal of Permit #27578 which has expired.	ORIGINAL
	LEAVE NOTE FOR MR. DALSTROM TO CALL FOR PROPER INSPECTION FOR FRAMING & ELECTRIC WITH PERMITS FOR ELECTRIC WORK. PERMITS # 42929 40923 37021 37186 42752 42928 37107	
4/18/57	[signature]	

OVER

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	[signature]	10/9/57

ISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER

BUILDING

APPLICATION

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 ARROW H'WAY
LOCALITY BALDWIN PARK
NEAREST CROSS ST.
OWNER UNITED CONC. PIPE CORP
MAIL ADDRESS ABOVE
CITY TEL. NO.
ARCHITECT OR ENGINEER H.L. MANLEY TEL. NO. chg mail
ADDRESS
CONTRACTOR W.R. HOERBICH TEL. NO. HI 5-1910
ADDRESS 1560 Victory Blvd GLENDALE
LEGAL DESCRIPTION | LOT NO. | BLOCK
TRACT EXIST. BLDG.
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. | NO. OF FAMILIES

DESCRIPTION OF WORK

NEW | ALTERATION | ADDITION
REPAIR | DEMOLITION
SQ. FT. SIZE 0 | NO. OF ROOMS | STORIES 1
EXT. WALL COVERING CONCRETE | ROOF COVERING MASONRY
USE OF STRUCTURE

Tilt-up Conc. Office
Curing
No occupants

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT. I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE William J. Manley
ADDRESS 1560 Victory Glendale
AUTHORIZED AGT.

$ 12500.00 VALUATION

P. C. $ FEE 15.00
FEE $ 30.00

76A6S6A DBS 3 8-58

BUILDING ADDRESS 14041 Arrow Highway
LOCALITY Baldwin Park
NEAREST CROSS ST.

DISTRICT NO.	PLAN CK. OR REG. NO.	PERMIT NO.
2-C-6	77351	E 91093

RECEIVED BY	DATE OF APPL.	DATE ISSUED
Bowlan	11/5/53	11/24/53

USE ZONE	NO. OF PLANS	TYPE	GROUP	FIRE ZONE
M-2	2	V	G	

ZONING APPROVED BY Bowlan DATED NOV 5 53
BUILDING SETBACK LINE 40' & ARROW ORD. NO. 7497
APPROVED BY Bowlan DATE 5 Nov 53
HOUSE NUMBERING 2317
MAP NUMBER None NO. ASSIGNED BY

DATE	CORRECTIONS	INSPECTOR
	Precast Supv. U.C.	
Nov	Nelson — Supv	
on	Job 11/27/53	
re	panels — #13 - #14 - #17	
	ORIGINAL	
	17' (OK) panels OK	
A3	OK to pour panels above	
	roof - steel per plans	
		Valov

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS	Valov	12/8/53
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
HOUSE NUMBER CORRECT AND POSTED	Root	10/9/57
FINAL		

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. N. FOX, COUNTY ENGINEER

BUILDING APPLICATION

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS
LOCALITY
NEAREST CROSS ST.
OWNER
MAIL ADDRESS
CITY — TEL. NO.
ARCHITECT OR ENGINEER — TEL. NO.
ADDRESS
CONTRACTOR — TEL. NO.
ADDRESS
LEGAL DESCRIPTION | LOT NO. | BLOCK
TRACT
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. | NO. OF FAMILIES

DESCRIPTION OF WORK

NEW | ALTERATION | ADDITION
REPAIR | DEMOLITION
SQ. FT. SIZE | NO. OF ROOMS | STORIES
EXT. WALL COVERING | ROOF COVERING
USE OF STRUCTURE

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE
ADDRESS
AUTHORIZED AGT.

$ VALUATION — P. C. $ FEE — $ FEE

BUILDING ADDRESS 1404-1 ARROW
LOCALITY FILE
NEAREST CROSS ST.

DISTRICT NO.	PLAN CK. OR REC. NO.	PERMIT NO.
	Supplement	E40923
RECEIVED BY	DATE OF APPL.	DATE ISSUED 11/24/53

USE ZONE	NO. OF PLANS	TYPE	GROUP	FIRE ZONE

ZONING APPROVED BY — DATED
BUILDING SETBACK LINE: — ORD. NO.
APPROVED BY: — DATE
HOUSE NUMBERING
MAP NUMBER — NO. ASSIGNED BY

DATE	CORRECTIONS	INSPECTOR

ORIGINAL

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

76A696A DBS 3 3-52

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER

BUILDING APPLICATION

1

FOR APPLICANT TO FILL IN

BUILDING ADDRESS

LOCALITY

NEAREST CROSS ST.

OWNER United pipe

MAIL ADDRESS

CITY TEL. NO.

ARCHITECT OR ENGINEER TEL. NO.

ADDRESS

CONTRACTOR TEL. NO.

ADDRESS

LEGAL DESCRIPTION | LOT NO. | BLOCK

TRACT

SIZE OF LOT | NO. OF BLDGS. NOW ON LOT

USE OF EXISTING BLDG. | NO. OF FAMILIES

DESCRIPTION OF WORK

NEW		ALTERATION		ADDITION	
REPAIR		DEMOLITION			

SQ. FT. SIZE | NO. OF ROOMS | STORIES

EXT. WALL COVERING | ROOF COVERING

USE OF STRUCTURE

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS CORRECT.
I AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE

ADDRESS

AUTHORIZED AGT.

$

VALUATION

P. C. S. FEE

$ FEE

76A688A DBS 2 2-53

BUILDING ADDRESS 14041 Arrow

LOCALITY Please file

NEAREST CROSS ST.

DISTRICT NO. | PLAN CK. OR REG. NO. SUPPLEMENT | PERMIT NO. 40923 EB

RECEIVED BY | DATE OF APPL. to | DATE ISSUED 11/24/53

USE ZONE | NO. OF PLANS | TYPE | GROUP | FIRE ZONE

ZONING APPROVED BY - DATED

BUILDING SETBACK LINE: ORD. NO.

APPROVED BY: DATE

HOUSE NUMBERING

MAP NUMBER NO. ASSIGNED BY

DATE	CORRECTIONS	INSPECTOR
	(See over)	

ORIGINAL

APPROVALS

	INSPECTOR'S SIGNATURE	DATE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
PLASTER, INT.		
PLASTER, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CITY OF IRWINDALE

75A638A CE #809 - 7-56

APPLICATION FOR BUILDING PERMIT

1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 E. Arrow
LOCALITY Irwindale
NEAREST CROSS ST. STEWART
DISTRICT NO. 99-[illegible] GROUP 106 J-1 TYPE CONST. SEWER BK MAP PG
STATISTICAL CLASSIFICATION
CLASS. NO. DWELL. UNITS
MAP NUMBER N STATE HWY YES NO
USE ZONE MV SPECIAL CONDITIONS [signature] 7-31-57

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.			ARROW HWY	
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Hwy
LOT NO. 1, 2, & 3 BLOCK
TRACT 10735
SIZE OF LOT NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER United Concrete Pipe Corp.
MAIL ADDRESS 14041 Arrow Hwy.
CITY Baldwin Park TEL. NO. ED71211
ARCHITECT OR ENGINEER Carpenter TEL. NO. HA64407
ADDRESS 2614 So. Peck Rd., Monrovia
CONTRACTOR Owner TEL. NO. same
ADDRESS same

DESCRIPTION OF WORK

NEW X ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE 6 Ton circular monorail for moving concrete pipe
SIGNATURE OF APPLICANT Clyde C. Carpenter
ADDRESS 2614 So. Peck Rd.

$5450.00 VALUATION
P. C. FEE $9.25
FEE 18.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE Clyde C. Carpenter
ADDRESS 2614 So. Peck Rd.

INSPECTION RECORD

8/16/57 OK'd to issue by Stoks - Root

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	9/5/57	Root
FRAME: FIRE STOPS, BRACING, BOLTS	10/9/57	Root
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	Root

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH PERMIT VALIDATION CK. M.O. CASH

[illegible] 9 4 4 85 AUG 20 1 18.50 P

Schantzen B Parker

INDUSTRIAL WASTE CLEARANCE NOT REQUIRED

CITY OF IRWINDALE

76A630A CE #603 - 7-56

APPLICATION FOR BUILDING PERMIT

1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS: 14041 E. Arrow
LOCALITY: Irwindale
NEAREST CROSS ST.: STEWART
DISTRICT NO.: 99-2 | GROUP: 10.06 | TYPE CONST.: 2 | SEWER BK | MAP PG
STATISTICAL CLASSIFICATION
CLASS. NO. | DWELL. UNITS
MAP NUMBER | STATE HWY | YES | NO
USE ZONE: M2 | SPECIAL CONDITIONS: [signature] -7-31-57

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.			ARROW HWY	
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 Arrow Hwy
LOT NO.: 1, 2, & 3 | BLOCK
TRACT: 10735
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.: 10 Ton Bridge Crane
OWNER: United Concrete Pipe Corp.
MAIL ADDRESS: 14041 Arrow Hwy.
CITY: Baldwin Park | TEL. NO.: Ed71211
ARCHITECT OR ENGINEER: Carpenter | TEL. NO.: Hi64407
ADDRESS: 2614 So. Peck Rd., Monrovia
CONTRACTOR: Ower | TEL. NO.: see above
ADDRESS: Same as above

DESCRIPTION OF WORK

NEW | ADD | ALTER X REPAIR | DEMOLISH
SQ. FT. SIZE: 4320 | NO. OF STORIES: 1 | NO. OF FAMILIES
USE OF STRUCTURE: 10 Ton Bridge crane for moving concrete pipe
SIGNATURE OF APPLICANT: Clyde C. Carpenter
ADDRESS: 2614 So. Peck Rd.

$ 2800.00 VALUATION | P. C. FEE $ 5.50 | FEE $ 11.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE: Clyde C. Carpenter
ADDRESS: 2614 So. Peck Rd., Monrovia

INSPECTION RECORD

8/16/57	OK'd to issue by Stokes - Rost	
	APPROVALS	

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	9/5/57	Rost
FRAME: FIRE STOPS, BRACING, BOLTS	10/9/57	Rost
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	Rost

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH | PERMIT VALIDATION CK. M.O. CASH

Ce 4004 JUL 31 16 5.50 9449 AUG 20 1 11.00

Schantzen

Parker

76A428A PBS-3 12-54

APPLICATION FOR BUILDING PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUPT OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E. Arrow Hwy.
LOT NO. See Attached BLOCK
TRACT Legal
SIZE OF LOT n/a NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER United Conc. Pipe Corp.
MAIL ADDRESS 14041 E. Arrow Hwy.
CITY Baldwin Park TEL. NO. Ed 7-2411
ARCHITECT OR ENGINEER Cyril Chapman TEL. NO. HI 4-4107
ADDRESS 7614 S. Peck Rd. Rsm.
CONTRACTOR Owner TEL. NO.
ADDRESS

DESCRIPTION OF WORK

NEW 1 ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE Foundation for Batch Plant
SIGNATURE OF APPLICANT C. Chapman/K. Lewis
ADDRESS 7614 S. Peck Rd.

$ 5000 VALUATION

P. C. $ 7.00 FEE
$ 14.00 FEE

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE C. Chapman/K. Lewis
ADDRESS 7614 S. Peck Rd.

BUILDING ADDRESS 14041 E. Arrow Hwy.
LOCALITY B.P.
NEAREST CROSS ST. Old Main St
DISTRICT NO. G4-L GROUP Conc. Block TYPE CONST. Plant SEWER BK MAP PG.
MAP NUMBER None STATE HWY YES NO
USE ZONE B-1 M-2 SPECIAL CONDITIONS 1494

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	50' Rec'd		Arrow Hgwy	120'
SIDE P. L.				

1	DWELL. 1 UNIT	5	INDUSTRIAL
2	DUPLEX UNIT	6	PUBLIC BLDG.
3	APT. UNITS	7	ADDN., ALT., ETC.
4	COMMERCIAL	8	MISCEL.

PLANS MUST BEAR INDUSTRIAL WASTE CLEARANCE

INSPECTION RECORD

Domestic Waste only Michels 4-8-57
Footings Ready OK
F.P. Hooper
4/11/57 Pile Driving
Wash Steel when complete
4/22/57 Footings
APPROVALS

OVER

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	4/22/57	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS	[illegible]	[illegible]
FURNACE: LOCATION, GAS VENT, DUCTS	[illegible]	[illegible]
LATH, INT.	[illegible]	[illegible]
LATH, EXT.	[illegible]	[illegible]
HOUSE NUMBER CORRECT AND POSTED	[illegible]	[illegible]
FINAL	10/9/57	[illegible]

WM. J. FOX, COUNTY ENGINEER

VALIDATION

BY [illegible] DEPUTY 7.00 LAC 3450 APR 10 1 1400 DEPUTY

BY [illegible] DEPUTY BY [illegible] DEPUTY

applic. A

EAST TOILET ROOM

76A636A CE #909 - 10-56

APPLICATION FOR BUILDING PERMIT

1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 Arrow Highway
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

DISTRICT NO. 2 | GROUP G | TYPE CONST. V | SEWER BK | MAP PG

STATISTICAL CLASSIFICATION
CLASS. NO. 23 DWELL. UNITS

MAP NUMBER 2317 | STATE HWY YES NO

USE ZONE M-2 | SPECIAL CONDITIONS 1494

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.			Arrow	
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Highway
LOT NO. SEE ~~ATT~~ LEGAL BLOCK
TRACT
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. Pipe Mfg.
OWNER United Conc. Pipe Co
MAIL ADDRESS 14041 Arrow Highway
CITY Baldwin Park TEL. NO. 8
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR C.E. SCOTT TEL. NO. ED 21848
ADDRESS 20857 Mesa Rica Rd Comm.

DESCRIPTION OF WORK

NEW ✓ ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 192 NO. OF STORIES 1 NO. OF FAMILIES
USE OF STRUCTURE Conc. Block Toilet Rooms
SIGNATURE OF APPLICANT C. E. Scott
ADDRESS

$ 780 — VALUATION

P. C. FEE $
FEE $ 6.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE C. E. Scott
ADDRESS

INSPECTION RECORD

Footings exposed 8/1/57 [signature]
OK to grout Bond Beam 8/1/57 [signature]

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	8/1/57	[signature]
FRAME: FIRE STOPS, BRACING, BOLTS	8/13/57	Root
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	Root

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH
MO 83558 JUL 10 0
[signature]

PERMIT VALIDATION CK. M.O. CASH
MO 83568 JUL 12 1 6.00
[signature]

Application B — North Valley Rocket — 1

76A696A CB #603 [illegible]

APPLICATION FOR BUILDING PERMIT

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATY D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 Arrow Highway
LOCALITY Baldwin Park
NEAREST CROSS ST. Stewart

DISTRICT NO. 7 | GROUP G | TYPE CON. [illegible] | SEWER MAP BK PG

STATISTICAL CLASSIFICATION
CLASS. NO. 23 DWELL. UNITS

MAP NUMBER | STATE RWY YES (NO)

USE ZONE M2 | SPECIAL CONDITIONS 1494

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.			Arrow	80
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Highway
SUB NO. [illegible] Tract Lot BLOCK
TRACT
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. Pipe Mfg
OWNER United Concr. Pipe
MAIL ADDRESS 14041 Arrow Highway
CITY Baldwin Park TEL. NO.
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR C E Scott TEL. NO. ED2-1845
ADDRESS 2057 Nasa Rica Covina

DESCRIPTION OF WORK

NEW ← ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 260 NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE Conc Block Tool Office
SIGNATURE OF APPLICANT C E Scott
ADDRESS

$1050 VALUATION

P. C. FEE $4.25
FEE $8.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE C E Scott
ADDRESS

INSPECTION RECORD

OK to grout Roof Beam
8/1/57 [illegible]

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	7/31/57	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	[illegible]

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH — PERMIT VALIDATION CK. M.O. CASH

C 83578 JUL 10 16 4.25 | C 85665 JUL 12 1 8.50

[illegible] [illegible]

application @ West toilet Room.

75A68BA CK #909 - 10-56

APPLICATION FOR BUILDING PERMIT

1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

4

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Highway
LOT NO. See Legal BLOCK
TRACT
SIZE OF LOT | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG Pkg Mfg
OWNER Trustee Quick Pages
MAIL ADDRESS 14041 Arrow Highway
CITY Baldwin Park TEL. NO.
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR C.E. SCOTT TEL. NO. ED2184
ADDRESS 20457 Mesa Rica R Covina

DESCRIPTION OF WORK

NEW ✓ ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE 260 NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE
Toilet Bldg
SIGNATURE OF APPLICANT C. E. Scott
ADDRESS

$ 1050.00 VALUATION

P. C. FEE $4.25
FEE $8.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE C. E. Scott
ADDRESS

BUILDING ADDRESS 14041 Arrow Highway
LOCALITY Baldwin Park
NEAREST CROSS ST. Clement
DISTRICT NO. 2 | GROUP 4 | TYPE CONST. V | SEWER MAP BK PG
STATISTICAL CLASSIFICATION
CLASS. NO. 25 DWELL. UNITS
MAP NUMBER STATE HWY YES (NO)
USE ZONE M-2 SPECIAL CONDITIONS 1447

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.			Arrow	
SIDE P. L.				

INSPECTION RECORD

APPROVALS	DATE	INSPECTOR'S SIGNATURE
Approved footing inspect Rec'd Cells & Installed 1/2 steel. 32 lin. ft.	7/17/57	Otis Stamps
Approved slab reinforcing ready for slab.	7/19/57	Otis Stamps
OVER		
FOUNDATION: LOCATION, FORMS, MATERIALS	7/31/57	Otis Stamps
FRAME: FIRE STOPS, BRACING, BOLTS	8/14/57	Roof
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	Roof

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

C 83568 JUL 10 16 4.25 C 83678 JUL 12 1 8.50

Dirk Dirk

B

1

APPLICATION FOR BUILDING PERMIT

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E. ARROW HWY.
LOT NO.: SEE ATTACHED LEGAL BLOCK:
TRACT:
SIZE OF LOT: NO. OF BLDGS. NOW ON LOT:
USE OF EXISTING BLDG.:
OWNER: UNITED CORR. PIPE CORP.
MAIL ADDRESS: 14041 E. ARROW HWY.
CITY: BALDWIN PARK TEL. NO.: ED 71211
ARCHITECT OR ENGINEER: C. CARPENTER TEL. NO.: 111 64407
ADDRESS: 2614 S. PECK RD. MON.
CONTRACTOR: OWNER TEL. NO.: —
ADDRESS:

DESCRIPTION OF WORK

NEW ✓ ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE: NO. OF STORIES: NO. OF FAMILIES:
USE OF STRUCTURE: HOND. BIN
BATCHER
SIGNATURE OF APPLICANT: C. CARPENTER (by Lessee)
ADDRESS: 2614 S. PECK ROAD

$ 35000 VALUATION

P. C. $ 27.00 FEE
$ 54.00 FEE

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE: Wyda C. Carpenter
ADDRESS: 2614 S. Peck Road

BUILDING ADDRESS: 14041 E Arrow Hiway
LOCALITY: B. P.
NEAREST CROSS ST.:
DISTRICT NO.: 99-2 GROUP: 1 TYPE CONST.: V SEWER MAP BK PG
STATISTICAL CLASSIFICATION
CLASS. NO.: 17 DWELL. UNITS:
MAP NUMBER: None STATE HWY: (NO)
USE ZONE: M-2
SPECIAL CONDITIONS: Ord. 1904 50' @ Arrow Highway
No Building in B-1 Sec. 276

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	50'	P.L.	Arrow Highway	100'
SIDE P. L.				

INSPECTION RECORD

Concrete curb & gutter & Department PT for power 2-21-57 Passed

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	

PLANS MUST BEAR INDUSTRIAL WASTE CLEARANCE

OK Domestic only 4-24-57

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK.) M.O. CASH PERMIT VALIDATION CK. M.O. CASH

LAC 99705 APR 23 16 27.00 $

LAC 60275 MAY 27 1 54.00 $

Stein Steine

76A638A DBS-2 12-54

APPLICATION FOR BUILDING PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS: 14041 E Arrow Highway
LOCALITY: B-1
NEAREST CROSS ST.: Live Oak
DISTRICT NO.: 99-2 | GROUP: 6 | TYPE CONST. | SEWER BK | MAP PG
MAP NUMBER: NONE | STATE HWY | YES | NO
USE ZONE: B-1 M-2 | SPECIAL CONDITIONS: 1494

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	50'	100'	ARROW HGWY	100'
SIDE P. L.				

1	DWELL. 1 UNIT	5	INDUSTRIAL
2	DUPLEX UNIT 7	6	PUBLIC BLDG.
3	APT. UNITS	7	ADDN., ALT., ETC.
4	COMMERCIAL	8	MISCEL.

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E. ARROW HWY.
LOT NO.: SEE ATTACHED | BLOCK
TRACT: LEGAL
SIZE OF LOT: [illegible] | NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER: UNITED CONC. PIPE
MAIL ADDRESS: 14041 E. ARROW HWY.
CITY: BALDWIN PARK | TEL. NO. ED 71711
ARCHITECT OR ENGINEER: C. CARPENTER | TEL. NO. HI 64407
ADDRESS: 2614 S. PECK RD. - MON.
CONTRACTOR: OWNER | TEL. NO.
ADDRESS

DESCRIPTION OF WORK

NEW | ADD 1 | ALTER | REPAIR | DEMOLISH
SQ. FT. SIZE: 140x33 | NO. OF STORIES | NO. OF FAMILIES
USE OF STRUCTURE: CRANEWAY
SIGNATURE OF APPLICANT: C. CARPENTER / Tom Larson
ADDRESS: 2614 S. PECK RD.

$ VALUATION: 5000
P. C. FEE $ 7.00
FEE $ 14.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: X C. CARPENTER / Tom Larson
ADDRESS: 2614 S. PECK RD. - MON

INSPECTION RECORD

Frame work progressing
8/1/57 [signature]

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	5/17/57	[signature]
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	[signature]

INDUSTRIAL WASTE CLEARANCE [illegible]

WM. J. FOX, COUNTY ENGINEER

VALIDATION

BY C 9 6 3 6 [illegible] MAR 22 L 6 DEPUTY 7.00 | LAC 2 3 4 3 [illegible] APR 1 1 14.00 DEPUTY

BY ® DEPUTY | BY Stein Taylor DEPUTY

76A539A DBS-3 12-54

APPLICATION FOR BUILDING PERMIT

1

PLANS MUST BEAR INDUSTRIAL WASTE CLEARANCE

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS: 14041 E Arrow Hwy
LOCALITY: Baldwin Park
NEAREST CROSS ST.: N. Stewart
DISTRICT NO.: 99-2 | GROUP: G | TYPE CONST.: IV | SEWER BK | MAP PG
MAP NUMBER: 2317 | STATE HWY: YES (NO)
USE ZONE: M-2 | SPECIAL CONDITIONS: None [illegible]

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	0		E Arrow Hwy	50
SIDE P. L.				

1	DWELL. 1 UNIT 9	5	INDUSTRIAL
2	DUPLEX UNIT	6	PUBLIC BLDG.
3	APT. UNITS	7	ADDN., ALT., ETC.
4	COMMERCIAL	8	MISCEL.

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E. Arrow Hwy
LOT NO.: SEE ATTACHED LEGAL
TRACT:
SIZE OF LOT: | NO. OF BLDGS. NOW ON LOT:
USE OF EXISTING BLDG.:
OWNER: UNITED CONC. PIPE CORP.
MAIL ADDRESS: BALDWIN PARK
CITY: BALDWIN PARK TEL. NO. ED71211
ARCHITECT OR ENGINEER: CLYDE CARPENTER TEL. NO. HI 64407
ADDRESS: 2614 S. PECK RD. - MON.
CONTRACTOR: OWNER TEL. NO.
ADDRESS:

DESCRIPTION OF WORK

NEW | ADD | ALTER X | REPAIR | DEMOLISH
SQ. FT. SIZE: 85'x60' | NO. OF STORIES: 1 | NO. OF FAMILIES:
USE OF STRUCTURE: COVER OVER EXISTING CRANEWAY
SIGNATURE OF APPLICANT: CLYDE CARPENTER Tom Larson
ADDRESS: 2614 S. PECK RD

$ 10,000 VALUATION

P. C. FEE $ 12.00
FEE $ 24.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: CLYDE CARPENTER Tom Larson
ADDRESS: 2614 S. PECK ROAD

INSPECTION RECORD

PLAN CHECK FEE WILL BE FORFEITED IF ZONING NOT APPROVED
CLYDE CARPENTER
APPROVALS: Tom Larson

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH. INT.		
LATH. EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	[signature]

WM. J. FOX, COUNTY ENGINEER

VALIDATION

BY AC 0539 MAY 28 16 DEPUTY 12.00 AC 6364 JUN 6 1 24.00 DEPUTY

BY Schantzen DEPUTY

BY [signature] DEPUTY

74A536A DBS-3 12-54

APPLICATION FOR BUILDING PERMIT AM. 1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
WM. J. FOX, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS: 14041 E. Arrow Hwy
LOCALITY: B. P
NEAREST CROSS ST.: Live Oak

DISTRICT NO.	GROUP	TYPE CONST.	SEWER BK	MAP PG
19-2	6			

MAP NUMBER: NONE — STATE HWY: YES (NO)

USE ZONE: B-1 M-2 — SPECIAL CONDITIONS: 1494

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	50'PL	100'℄	ARROW HGWY	100'
SIDE P. L.	—			

1	DWELL. 1 UNIT 9	5	INDUSTRIAL
2	DUPLEX UNIT	6	PUBLIC BLDG.
3	APT. UNITS	7	ADDN., ALT., ETC.
4	COMMERCIAL	8	MISCEL.

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 14041 E. ARROW HWY.
LOT NO.: SEE ATTACHED — BLOCK:
TRACT: LEGAL
SIZE OF LOT: [illegible] — NO. OF BLDGS. NOW ON LOT:
USE OF EXISTING BLDG.:
OWNER: UNITED CONC. PIPE
MAIL ADDRESS: 14041 E. ARROW HWY.
CITY: BALDWIN PARK — TEL. NO. ED 71211
ARCHITECT OR ENGINEER: C. CARPENTER — TEL. NO. HI 64407
ADDRESS: 2614 S. PECK RD. — MON.
CONTRACTOR: OWNER — TEL. NO. —
ADDRESS:

DESCRIPTION OF WORK

NEW X ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE: 24X180 — NO. OF STORIES: 1 — NO. OF FAMILIES:
USE OF STRUCTURE: 10 TON CRANEWAY

SIGNATURE OF APPLICANT: C. CARPENTER / Tom Larson
ADDRESS: 2614 S. PECK RD.

$ 7000 VALUATION — P. C. FEE $ 9.00 — FEE $ 18.00 X

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: X C. CARPENTER / Tom Larson
ADDRESS: 2614 S. PECK RD. — MON.

INSPECTION RECORD

8/15/57	Relocation of footings ok - Root	
	APPROVALS	

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	5/16/57	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	Root

INDUSTRIAL WASTE CLEARANCE NOT REQUIRED

WM. J. FOX, COUNTY ENGINEER

VALIDATION

BY LAC 9637 MAR 22 16 DEPUTY 9.00 — LAC 2344 APR 1 1 18.00 DEPUTY

BY DEPUTY — BY Stein — DEPUTY

CITY OF IRWINDALE

76A6388A CE #603 11-57 **APPLICATION FOR BUILDING PERMIT** 1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 Arrow Hwy
LOCALITY
NEAREST CROSS ST. Sierra Madre

DISTRICT NO.	GROUP	TYPE CONST.	SEWER BK	MAP PG
506	G			

STATISTICAL CLASSIFICATION
CLASS. NO. 9 DWELL. UNITS [signature]
MAP NUMBER STATE HWY. YES NO

USE ZONE	SPECIAL CONDITIONS
M-2	

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	EXISTING			
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Highway
LOT NO. BLOCK
TRACT
SIZE OF LOT NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG.
OWNER United Conc. Pipe Corp.
MAIL ADDRESS 14041 Arrow Highway
CITY Irwindale TEL. NO.
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR Aumer E TEL. NO. 71211
ADDRESS

DESCRIPTION OF WORK

NEW ADD ALTER REPAIR DEMOLISH
SQ. FT. SIZE NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE
Entrance Gate
SIGNATURE OF APPLICANT United Conc Pipe
ADDRESS C. E. Scott

$ 6000 VALUATION
P. C. FEE $
FEE $ 21.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE United Conc Pipe
ADDRESS C. E. Scott

INSPECTION RECORD

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	10/8/59	[signature]
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	[illegible]	[signature]

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH
PERMIT VALIDATION CK. M.O. (CASH)

LAC 8 2 1 3 OCT 8 1 21.00

CITY OF IRWINDALE

74A636A CE 8808 11-67

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUPT OF BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 ARROW HIGHWAY
LOT NO. BLOCK
TRACT
SIZE OF LOT
NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. OFFICE
OWNER UNITED CONC. PIPE
MAIL ADDRESS 14041 ARROW Highway
CITY Irwindale TEL. NO. 337-2124
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR UNITED C.P. TEL. NO. 337-2124
ADDRESS 14041 Arrow Highway

DESCRIPTION OF WORK

NEW (ADD) ALTER (REPAIR) DEMOLISH
SQ. FT. SIZE
NO. OF STORIES
NO. OF FAMILIES
USE OF STRUCTURE Office

SIGNATURE OF APPLICANT United C.P. Corp
ADDRESS By C.E. Scott

$ 2000.00 VALUATION

P.C. FEE $ 4.50
FEE $ 9.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE United C.P. Corp
ADDRESS By C.E. Scott

PLAN CHECK VALIDATION CK. M.O. (CASH)

BUILDING ADDRESS 14041 ARROW Hwy
LOCALITY Irwindale
NEAREST CROSS ST. Irwindale Ave.

DISTRICT NO.	GROUP	TYPE CONST.	SEWER MAP BK	PG
506	F	2		

STATISTICAL CLASSIFICATION
CLASS. NO. 9 DWELL. UNITS

MAP NUMBER
STATE HWY. YES NO

USE ZONE M-2
SPECIAL CONDITIONS

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.			Easton Dr.	
SIDE P. L.				

INSPECTION RECORD

10/2/59 Irwindale Building
Inspected 1/2 of 1 Story
C.J. Cole
10/5/59 Roof Nailed Okay C.J.C.

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS		
FRAME: FIRE STOPS, BRACING, BOLTS	10/20/59	[signature]
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	[illegible]	[illegible]

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PERMIT VALIDATION CK. M.O. CASH

LAC 82078 OCT 5 2 3 45.00

LAC 82088 OCT 5 1 9.00

[signature]

CITY OF IRWINDALE

76A6SSA CE #603 11-57

APPLICATION FOR BUILDING PERMIT

1

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 14041 Arrow
LOCALITY Irwindale
NEAREST CROSS ST. Sierra Madre

DISTRICT NO.	GROUP	TYPE CONST.	SEWER BK	MAP PG
566	F	55		

STATISTICAL CLASSIFICATION
CLASS. NO. 9 DWELL. UNITS [illegible]
MAP NUMBER STATE HWY. YES NO

USE ZONE	SPECIAL CONDITIONS
M-2	

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P.L.	Exist	11	G	
SIDE P.L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 E Arrow
LOT NO. BLOCK
TRACT
SIZE OF LOT NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. Office
OWNER United Conc Pipe Corp
MAIL ADDRESS 14041 Arrow
CITY Irwindale TEL. NO. 71211
ARCHITECT OR ENGINEER TEL. NO.
ADDRESS
CONTRACTOR United TEL. NO.
ADDRESS 14041 Arrow

DESCRIPTION OF WORK

NEW (ADD) ALTER REPAIR DEMOLISH
SQ. FT. SIZE 260 NO. OF STORIES NO. OF FAMILIES
USE OF STRUCTURE
Office
SIGNATURE OF APPLICANT C. E. Scott
ADDRESS

$ 1300 VALUATION
P.C. FEE $4.50
FEE $9.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE United Conc Pipe
ADDRESS C. E. Scott

INSPECTION RECORD

[illegible]

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	10/29/58	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS	11/2/58	[illegible]
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH. INT.	[illegible]	[illegible]
LATH. EXT.	11/5/59	[illegible]
HOUSE NUMBER CORRECT AND POSTED		
FINAL	[illegible]	[illegible]

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH
PERMIT VALIDATION CK. M.O. CASH

LAC 82218 OCT 22 23 4.50

LAC 82228 OCT 22 1 9.00

City of Irwindale

76A636A CE #603 - 7-56 **APPLICATION FOR BUILDING PERMIT** 1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUPT OF BUILDING

BUILDING ADDRESS 14041 Arrow Hwy
LOCALITY Irwindale
NEAREST CROSS ST. Rivergrade Rd.
DISTRICT NO. 99-[illegible] GROUP [illegible] TYPE CONST. IV SEWER BK MAP PG
STATISTICAL CLASSIFICATION
CLASS. NO. ____ DWELL. UNITS ____
MAP NUMBER ____ STATE HWY YES NO
USE ZONE M-2 SPECIAL CONDITIONS [signature] 7-31-57

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.			ARROW HIGHWAY	
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 Arrow Hwy
LOT NO. 1, 2, & 3 BLOCK
TRACT 10735
SIZE OF LOT NO. OF BLDGS. NOW ON LOT
USE OF EXISTING BLDG. 6 Ton monorail
OWNER United Concrete Pipe Corp.
MAIL ADDRESS 14041 Arrow Hwy.
CITY Baldwin Park TEL. NO. ED71211
ARCHITECT OR ENGINEER Carpenter TEL. NO. di64407
ADDRESS 2614 So. Peck Rd., Monrovi
CONTRACTOR Owner TEL. NO. same
ADDRESS same

DESCRIPTION OF WORK

NEW ADD ALTER X REPAIR DEMOLISH
SQ. FT. SIZE 6300 NO. OF STORIES 1 NO. OF FAMILIES
USE OF STRUCTURE 6 Ton monorail for moving concrete pipe (EXTENSION)
SIGNATURE OF APPLICANT Clyde C. Carpenter
ADDRESS 2614 So. Peck Rd.

$4300.00 VALUATION
P.C. FEE $8.00
FEE $16.00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE Clyde C. Carpenter
ADDRESS 2614 So. Peck Rd.

INSPECTION RECORD

8/26/57 OK by phone by Stoke to issue permit - Root

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	9/5/57	Root
FRAME: FIRE STOPS, BRACING, BOLTS	10/9/57	Root
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.		
LATH, EXT.		
HOUSE NUMBER CORRECT AND POSTED		
FINAL	10/9/57	Root

JOHN A. LAMBIE, COUNTY ENGINEER. CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION CK. M.O. CASH PERMIT VALIDATION CK. M.O. CASH

[illegible] AUG 27 1 16.00

Schantzen B Parker

INDUSTRIAL WASTE CLEARANCE NOT REQUIRED

DB-4 11-42 10M

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 20-C 1

NO. OF PLANS 2	BLDG. SETBACK LINE APPROVED BY	ORD. NO.	DISTRICT NO. 2 EM	PLAN CK. NO. 17134.	PERMIT NO. 57685
FIRE ZONE –	DATE		RECEIVED BY Smith	DATE OF APPL. 10-4-43	DATE ISSUED 10-22-43
USE ZONE M	APPROVED BY	DATE			

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Kee
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO. Com. 32617

LEGAL DESCRIPTION
LOT NO. Por. of SE ¼ of SE ¼ of Sec. 6 SIZE OF LOT Acreage
BLOCK NO. OF BLDGS. NOW ON LOT Several
TRACT T 1 S R 10 W
USE OF BLDGS. NOW ON LOT Mfg. Bldgs.

BUILDING ADDRESS 419 W. Bonita
LOCALITY La Calenica Park
NEAREST CROSS ST. Stewart

OWNER
NAME United Concrete Pipe Co.
MAIL ADDRESS Same
CITY NO.

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER Kenneth E. Jones
AUTHORIZED AGT. Kenneth E. Jones

DESCRIPTION OF WORK

USE OF BUILDING Foundation Only for 40' Bay on W. Side Proposed 1864. # 52" Rel. Well for Truck Platform 32' Long

WARNING!
This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board office before commencing.

NEW	TYPE:	GROUP	
ALTERATION	NO. OF ROOMS	NO. OF FAMILIES	
ADDITION ✓	SIZE 40 X 32		
REPAIR	STORIES 1		
MOVING	WALL COVERING None		
DEMOLISH	ROOF COVERING None		

VALUATION $ 1800.00
P. C. $ FEE 3.00
FEE $ 6.00

CORRECTIONS

10-26-43 - Expar - Smith
12-16-43 - Forms - Smith

Dens Insp. Trans
Change Cost to 32-41
Issued

ORIGINAL

FINAL APPROVAL

DATE INSPECTOR'S NAME

DB-1 11-43 ASM SETS

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT
BUILDING 20-C 1

NO. OF PLANS	BLDG. SETBACK LINE APPROVED BY	ORD. NO.	DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2	2	DATE	2 EM	32794	(2-26)
FIRE ZONE			RECEIVED BY	DATE OF APPL.	DATE ISSUED
USE ZONE M 3	APPROVED BY	DATE	Jmm	2-1-44	2-25-44

APPLICANT FILL IN HEAVILY OUTLINED PORTION ONLY

ARCHITECT OR ENGINEER
NAME Milton C. Sheets
ADDRESS 1132 Stevens
CITY L.A.
STATE LICENSE NO. C.E. 1299 TEL. NO. WA-9365

CONTRACTOR
NAME
ADDRESS
CITY
STATE LICENSE NO. TEL. NO.

LEGAL DESCRIPTION
LOT NO. SIZE OF LOT
BLOCK NO. OF BLDGS. NOW ON LOT
TRACT Mar Vista
USE OF BLDGS. NOW ON LOT

BUILDING ADDRESS [redacted] E. Duarte
LOCALITY Baldwin Park
NEAREST CROSS ST. Cook

OWNER
NAME United Concrete Pipe Co.
MAIL ADDRESS Baldwin Park
CITY [redacted] TEL. NO. CU-3201

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER
AUTHORIZED AGT. Lemuel E. Jones

DESCRIPTION OF WORK

USE OF BUILDING Construct Additional 22½" Bay in NE Corner of Present Mix Building. Construct Fun[illegible] Bases

WARNING! This construction may be in violation of War Production Board orders. You are cautioned to consult with your local War Production Board office before commencing any work authorized in this permit.

NEW	TYPE III	GROUP C	
ALTERATION ✓	NO. OF ROOMS	NO. OF FAMILIES	
ADDITION ✓	SIZE 22½ x 40		
REPAIR	STORIES 1		
MOVING	WALL COVERING Iron		
DEMOLISH	ROOF COVERING Iron		

$ 2400.00 VALUATION

P.C.'s FEE 4.00

$ 8.00 FEE

CORRECTIONS

2-25-44 B. McCall

Use of Bay to support 5 ton crane

Plans to be signed by Structural Engineer

FEB 3 1944

ORIGINAL

FINAL APPROVAL

DATE INSPECTOR'S NAME

DEPARTMENT OF BUILDING AND SAFETY
COUNTY OF LOS ANGELES
WM. J. FOX, CHIEF ENGINEER

APPLICATION FOR PERMIT

BUILDING

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 419 W. Bonita Ave.

LOCALITY Baldwin Park, Calif.

NEAREST CROSS ST. Stewart St.

OWNER United Concrete Pipe Corp.

MAIL ADDRESS 419 W. Bonita Ave.

CITY Baldwin Park TEL. NO. 66992

ARCHITECT OR ENGINEER None TEL. NO.

ADDRESS

CONTRACTOR Self TEL. NO. same

ADDRESS Same

LEGAL DESCRIPTION | LOT NO. | BLOCK

TRACT [illegible]

SIZE OF LOT | NO. OF BLDGS. NOW ON LOT 1

USE OF EXISTING BLDG. Home | NO. OF FAMILIES 1 | NO. OF ROOMS 5

DESCRIPTION OF WORK

NEW	X	ALTERATION		ADDITION	
REPAIR		MOVING		DEMOLISH	

SQ. FT. SIZE 360 NO. OF ROOMS 1 STORIES 1

WALL COVERING Wood | ROOF COVERING Asphault Shingles

USE OF NEW BUILDING Garage, [illegible]

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF OWNER UNITED CONCRETE PIPE COR

AUTHORIZED AGT. By [illegible] Tobin, Secy.

DBS-3 25M SETS 1-47 $ 5.00

VALUATION 1000

P. C. $

FEE

FEE $4.00

FOR OFFICE USE ONLY

DISTRICT NO.	PLAN CK. NO.	PERMIT NO.
2	—	27072
RECEIVED BY	DATE OF APPL.	DATE ISSUED
[illegible]	9/18/41	[illegible]

BUILDING ADDRESS 419 W. Bonita Ave.

LOCALITY Baldwin Park

NEAREST CROSS ST. [illegible]

FIRE ZONE | NO. OF PLANS | TYPE V | GROUP J

BLDG. SETBACK LINE | ORD. NO.

APPROVED BY | DATE

USE ZONE M-1 | APPROVED BY [illegible] | DATE [illegible]

CORRECTIONS

ORIGINAL

APPROVALS

	INSPECTOR	DATE
FOUNDATION: LOCATION FORMS, MATERIALS	[illegible]	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS	[illegible]	[illegible]
LATH, INT.:		
LATH, EXT.:		
PLASTER, INT.		
PLASTER, EXT.		
FINAL	[illegible]	[illegible]

CITY OF IRWINDALE

1

76A630A CE #803 5-61 **APPLICATION FOR BUILDING PERMIT**

COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
BUILDING AND SAFETY DIVISION
JOHN A. LAMBIE, COUNTY ENGINEER
WILLIAM A. JENSEN, SUP'T OF BUILDING

BUILDING ADDRESS	14041 E Live Oak
LOCALITY	Irwindale
NEAREST CROSS ST.	Rivergrade
DISTRICT NO.	5.06
GROUP	F-2
TYPE CONST.	V
PROCESSED BY	Coster
STATISTICAL CLASSIFICATION	CLASS. NO. 9 DWELL. UNITS
SEWER MAP	BK PG
WATER CERTIFICATE:	NOT REQUIRED ☐ RECEIVED ☐
MAP NO.	None
HIGHWAY (CIRCLE)	STATE MAJOR SECOND, LOCAL
USE ZONE	M-2
SPECIAL CONDITIONS	

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.				
SIDE P. L.				

FOR APPLICANT TO FILL IN

BUILDING ADDRESS	14041 Live OAK
LOT NO.	1 e 9 Ah in file
BLOCK	
TRACT	
SIZE OF LOT	
NO. OF BLDGS. NOW ON LOT	
USE OF EXISTING BLDG.	Office Addition
OWNER	United concret Pipe
TEL. NO.	
ADDRESS	
ARCHITECT OR ENGINEER	
TEL. NO.	
ADDRESS	
CONTRACTOR	John Barr
TEL. NO.	Hi 66533
ADDRESS	10258 E La Rosa Dr.

DESCRIPTION OF WORK

NEW (ADD.) ALTER REPAIR DEMOLISH

SQ. FT. SIZE 2490 NO. OF STORIES NO. OF FAMILIES

USE OF STRUCTURE Offices

SIGNATURE OF APPLICANT John Barr [illegible]

VALUATION $ 22000 -

P.C. FEE $ 40.75 PMT. FEE $ 81.50

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

SIGNATURE OF PERMITTEE

ADDRESS

INSPECTION RECORD

OK Pan Pouring
Sent 6/1/65 [illegible]
6-11-65 [illegible]
6-18-65 [illegible]
6-25-65 [illegible]
7/1/65 NAILING ON ROOF OK - FRAMING NOT
[illegible] OVER

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION; LOCATION FORMS, MATERIALS	[illegible]	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS	7/14/65	[illegible]
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT.	7/19/65	[illegible]
LATH, EXT.	7/16/65	[illegible]
HOUSE NUMBER CORRECT AND POSTED		
FINAL		

CLYDE N. DIRLAM, PRINCIPAL STRUCTURAL ENGINEER

PLAN CHECK VALIDATION (CK.) M.O. CASH **PERMIT VALIDATION** (CK.) M.O. CASH

IAC 08253 MAY 26 23 40.75 A

IAC 08353 JUN 9 1 81.50

INSPECTOR COPY

APPLICATION FOR BUILDING PERMIT

COUNTY OF LOS ANGELES — **BUILDING AND SAFETY**

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. 11664 Company Pac Rim Ass. Co.

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the county building inspection department.

Date 9-5-90 Applicant J. Edwards

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Number 324262 Lic. Class C-21

Contractor J.D. EDWARDS Date 9-5-90

☐ I am exempt under Sec. _____

B.&P.C. for this reason _____

Date: _____

Signature _____

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Section 7044, Business and Professions Code.)

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all county ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

J.D. Edwards 9-5-90

Signature of Applicant or Agent — Date

76 A638A 20-0010 DPPW 6/89

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 14041 LIVE OAK.

CITY IRWINDALE ZIP 91706

SIZE OF LOT _____ NO. OF BLDGS. NOW ON LOT _____

TRACT _____ BLOCK _____ LOT NO. _____

ASSESSOR MAP BOOK _____ PAGE _____ PARCEL _____

OWNER KOLL. CO. TEL. NO. _____

ADDRESS 818 [redacted] W 7th ST

CITY L.A. CA ZIP _____

ARCHITECT OR ENGINEER _____ TEL. NO. _____

ADDRESS _____

CONTRACTOR J.D. EDWARDS. TEL. NO. 303-8775

ADDRESS 11711 CLARK ST LIC. NO. 324262

CITY ARCADIA CA LIC. CLASS C-21

SQ. FT. SIZE _____ NO. OF STORES _____ NO. OF FAMILIES _____

DESCRIPTION OF WORK Demolition Entire Site/Bldgs Remaining

USE OF EXISTING BLDG.

NEW ☐ ADD ☐ ALTER ☐ REPAIR ☐ DEMOL ☒ URM ☐

APPLICANT (PRINT) JOHN. D. EDWARDS TEL. NO. 303-8775

ADDRESS 11711 CLARK ST ARCADIA CA

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EQUAL TO OR GREATER THAN THE AMOUNTS SPECIFIED ON THE HAZARDOUS MATERIALS INFORMATION GUIDE?

YES ☐ NO ☐

WILL THE INTENDED USE OF THE BUILDING BY THE APPLICANT OR FUTURE BUILDING OCCUPANT REQUIRE A PERMIT FOR CONSTRUCTION OR MODIFICATION FROM THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) SEE PERMITTING CHECKLIST FOR GUIDELINES.

YES ☐ NO ☐

I HAVE READ THE HAZARDOUS MATERIALS INFORMATION GUIDE AND THE SCAQMD PERMITTING CHECKLIST. I UNDERSTAND MY REQUIREMENTS UNDER THE LOS ANGELES COUNTY CODE, TITLE 2, CHAPTER 2.20 SECTIONS 2.20.100 THROUGH 2.20.140 CONCERNING HAZARDOUS MATERIALS REPORTING AND FOR OBTAINING A PERMIT FROM THE SCAQMD.

OWNER OR AGENT

P.C. FEE	PERMIT FEE 2656.26
	ISSUANCE FEE 26.00
INVESTIGATION FEE	TOTAL FEE 2682.26

BUILDING ADDRESS 14041 Live Oak Ln.

LOCALITY Irwindale

NEAREST CROSS ST. _____

USE ZONE M2 MAP NO. _____ SPECIAL CONDITIONS _____

WITHIN 1000 FT. OF SCHOOL? YES ☐ NO ☑

DISTRICT	GROUP	TYPE CONST.	FIRE ZONE	PROCESSED BY
S.06	B	Pend	3	Kimball

STATISTICAL CLASSIFICATION CLASS NO. 22 DWELL UNITS -1 APT CONDO

REQUIRED SET BACK	YARD	HWY	TOTAL SETBACK FROM PROP LINE	EXIST WIDTH
FRONT P.L.				
SIDE P.L.				

SEWER MAP BK PG

VALUATION $423 000 00

$ _____

LDMA P/C # _____

LDMA Perm # _____

FINAL DATE 2/25/92

FINAL BY Tarango

VALIDATION

E5416A
#
1268226
268226
0905-90

Business License S0634

Expiration Date 6/30/92

APPENDIX C.1
TOPOGRAPHIC MAPS

14005 Live Oak Ave

14005 Live Oak Ave

Baldwin Park, CA 91706

Inquiry Number: 6756447.4

November 18, 2021

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

11/18/21

Site Name:

14005 Live Oak Ave
14005 Live Oak Ave
Baldwin Park, CA 91706
EDR Inquiry # 6756447.4

Client Name:

Ramboll
18100 Von Karman Avenue
Irvine, CA 92612
Contact: Tattiana Mason

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ramboll were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: NA

Coordinates:

Latitude:	34.107652 34° 6' 28" North
Longitude:	-117.968547 -117° 58' 7" West
UTM Zone:	Zone 11 North
UTM X Meters:	410668.18
UTM Y Meters:	3774515.74
Elevation:	414.00' above sea level

Maps Provided:

2012	1925, 1927
1981	1904
1972	1898
1966	1897
1953	1894
1939	
1933	
1928	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Azusa
2012
7.5-minute, 24000



Baldwin Park
2012
7.5-minute, 24000

1981 Source Sheets



Baldwin Park
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Azusa
1972
7.5-minute, 24000
Aerial Photo Revised 1972



Baldwin Park
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1966 Source Sheets



Baldwin Park
1966
7.5-minute, 24000
Aerial Photo Revised 1964

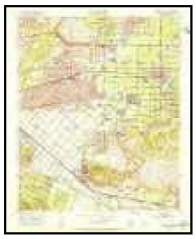


Azusa
1966
7.5-minute, 24000
Aerial Photo Revised 1964

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953 Source Sheets



Baldwin Park
1953
7.5-minute, 24000
Aerial Photo Revised 1952



Azusa
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1939 Source Sheets



Azusa
1939
7.5-minute, 24000

1933 Source Sheets



Azusa
1933
7.5-minute, 24000

1928 Source Sheets



Azusa
1928
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1925, 1927 Source Sheets



Azusa
1925
7.5-minute, 24000



Puente
1927
7.5-minute, 24000

1904 Source Sheets



Pomona
1904
15-minute, 62500

1898 Source Sheets



Pomona
1898
15-minute, 62500

1897 Source Sheets



Pomona
1897
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

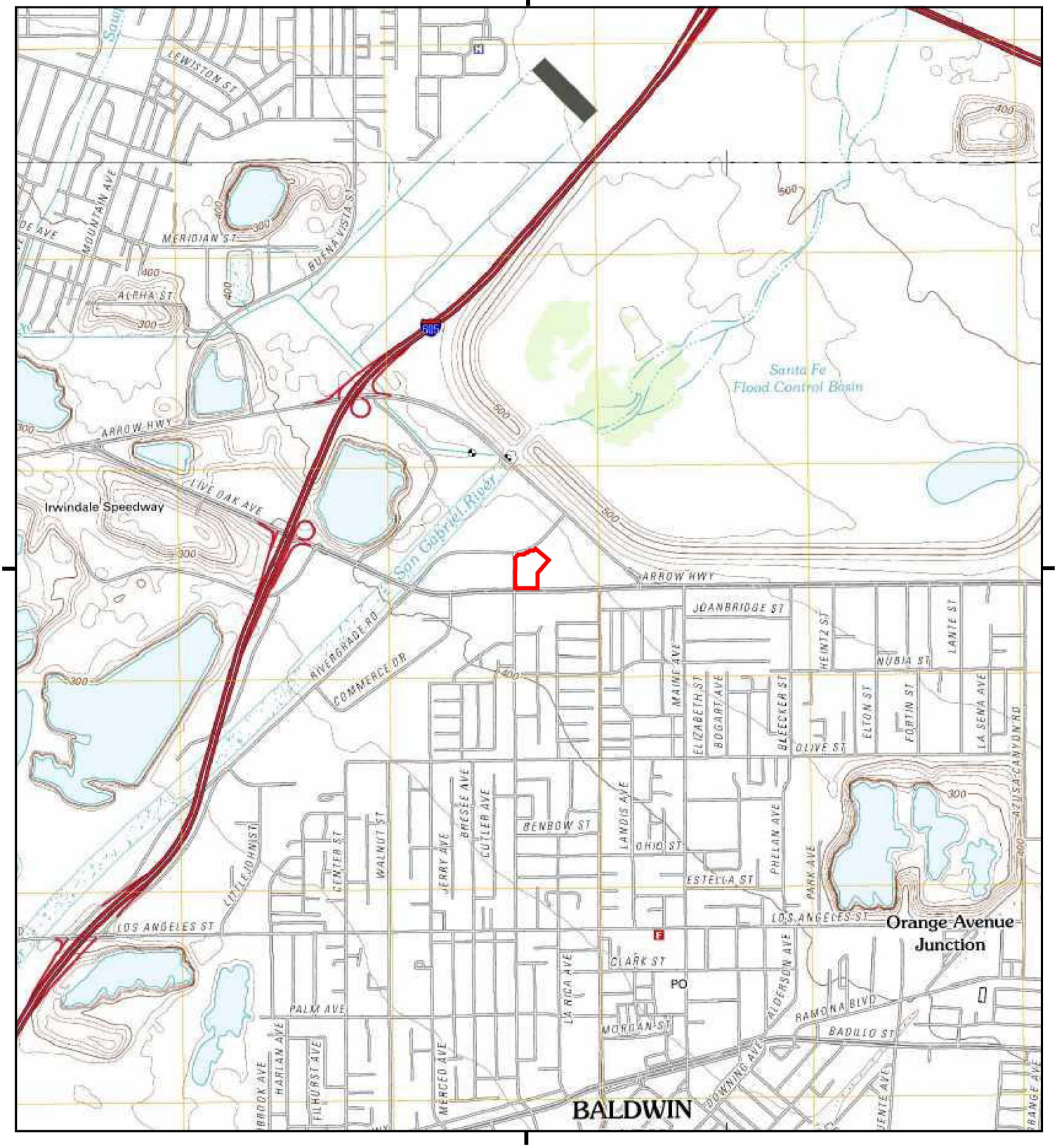
1894 Source Sheets



Pomona
1894
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

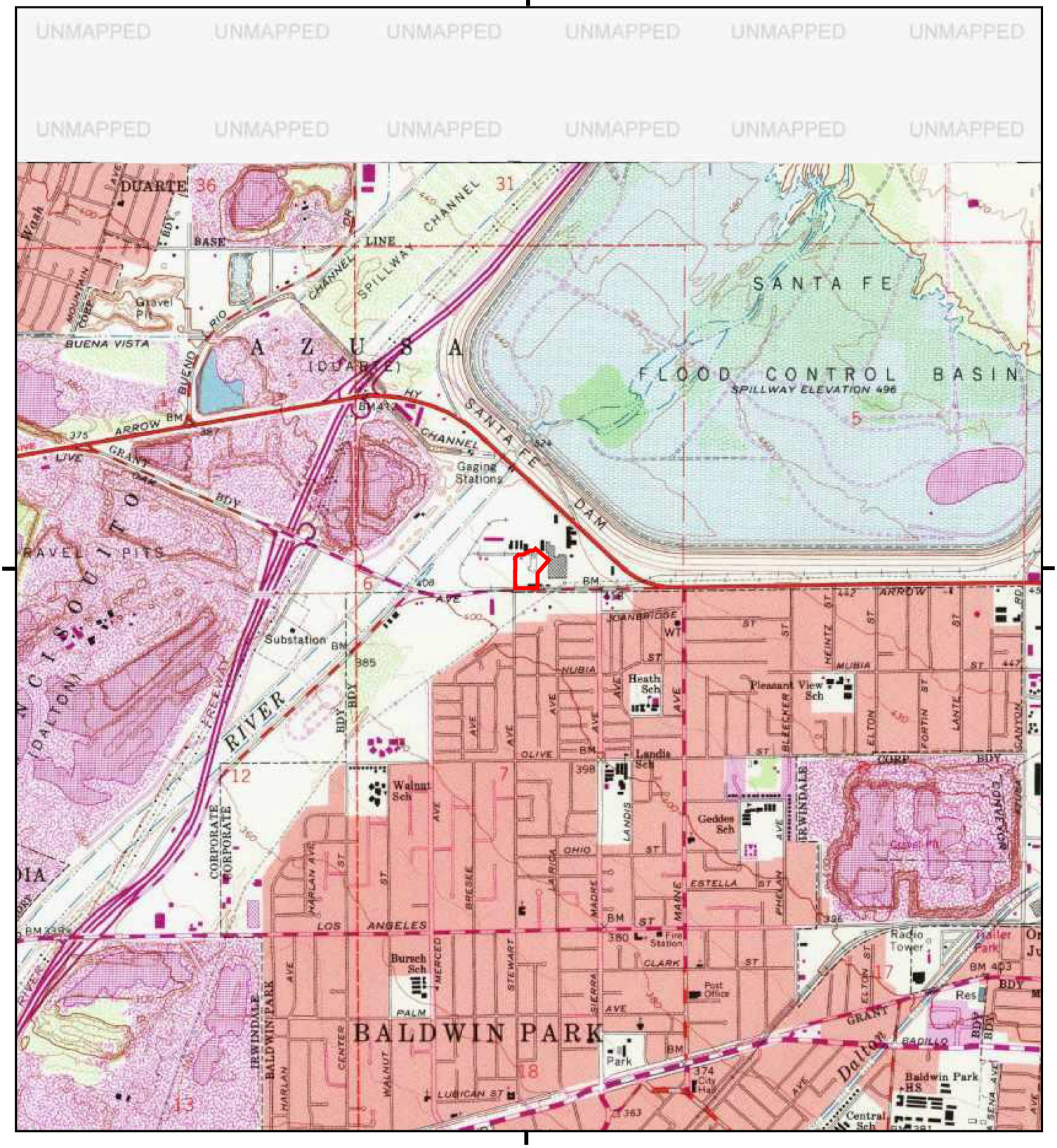
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Baldwin Park, 2012, 7.5-minute
N, Azusa, 2012, 7.5-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

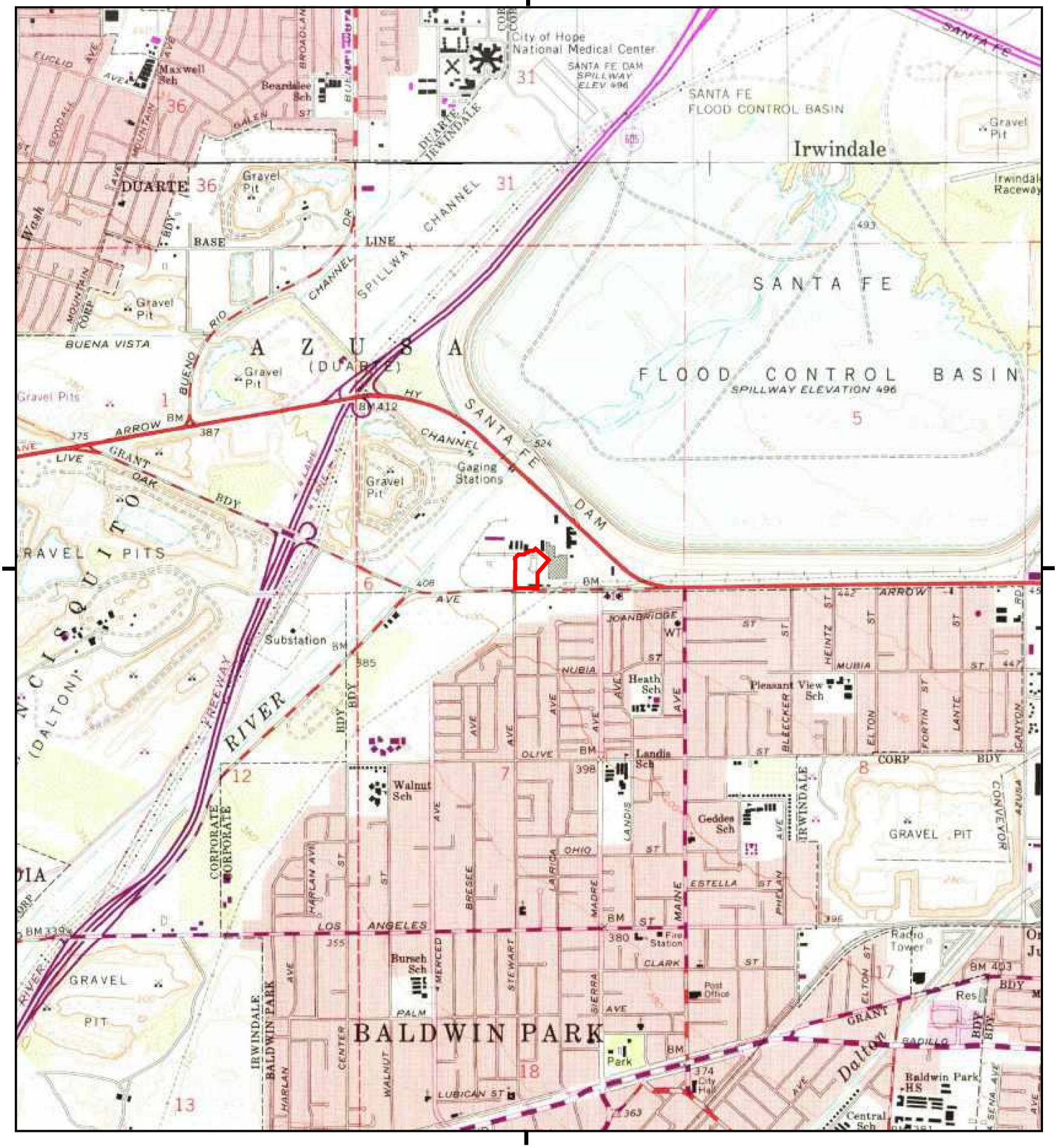
TP, Baldwin Park, 1981, 7.5-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N

Historical Topo Map

1972



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

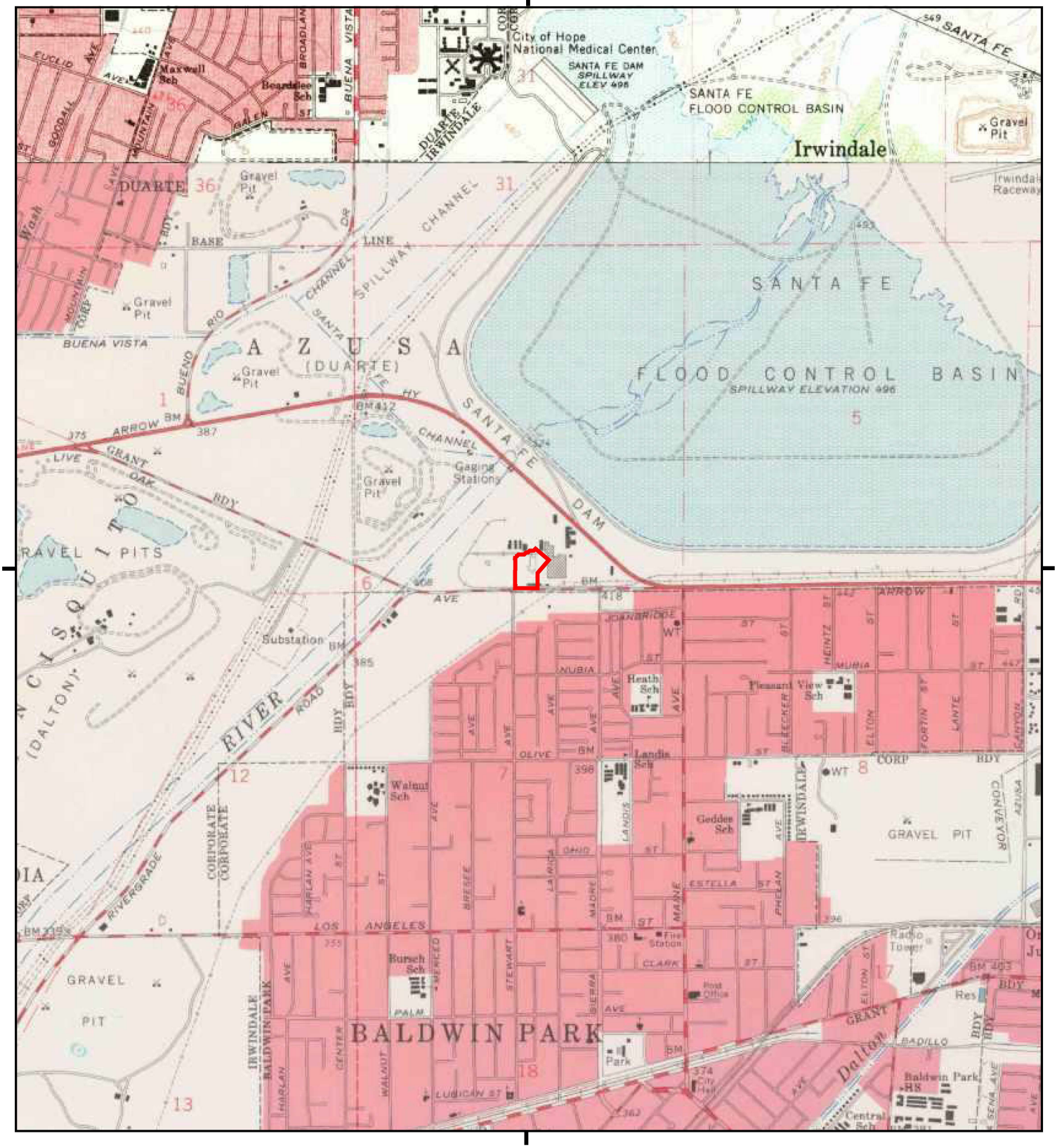
TP, Baldwin Park, 1972, 7.5-minute
N, Azusa, 1972, 7.5-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N

Historical Topo Map

1966



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

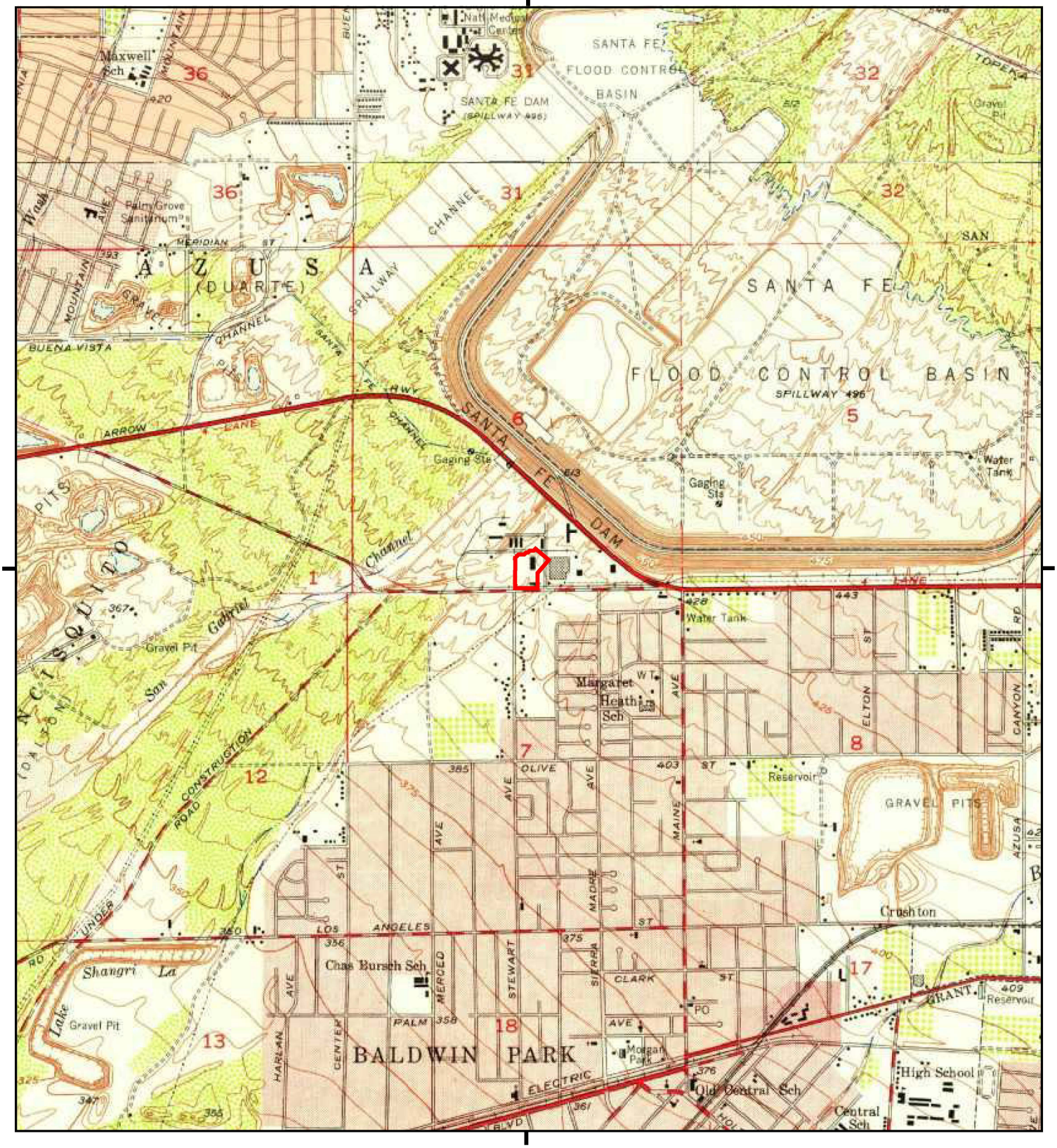
TP, Baldwin Park, 1966, 7.5-minute
N, Azusa, 1966, 7.5-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N

Historical Topo Map

1953



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

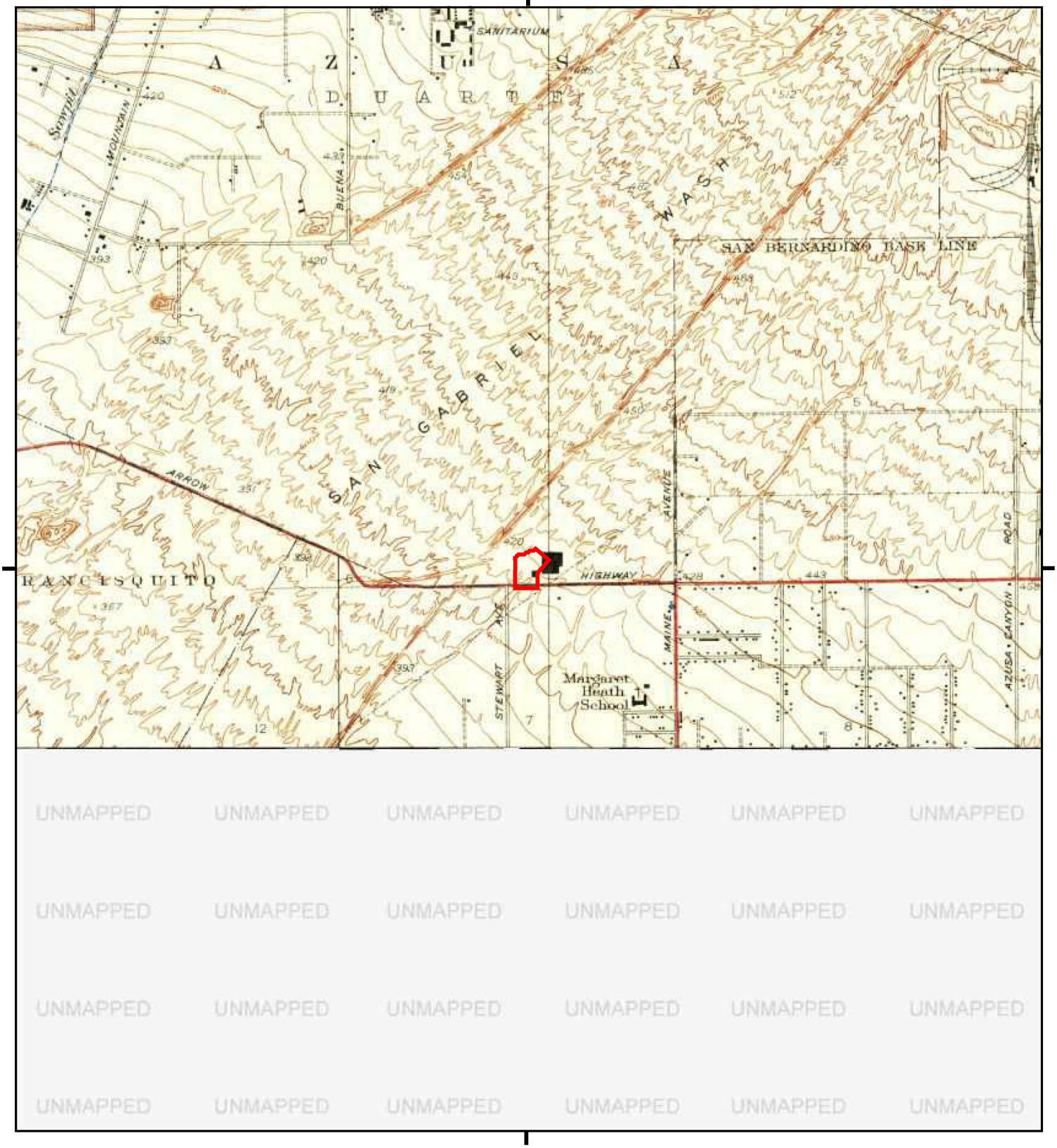
TP, Baldwin Park, 1953, 7.5-minute
N, Azusa, 1953, 7.5-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N

Historical Topo Map

1939



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

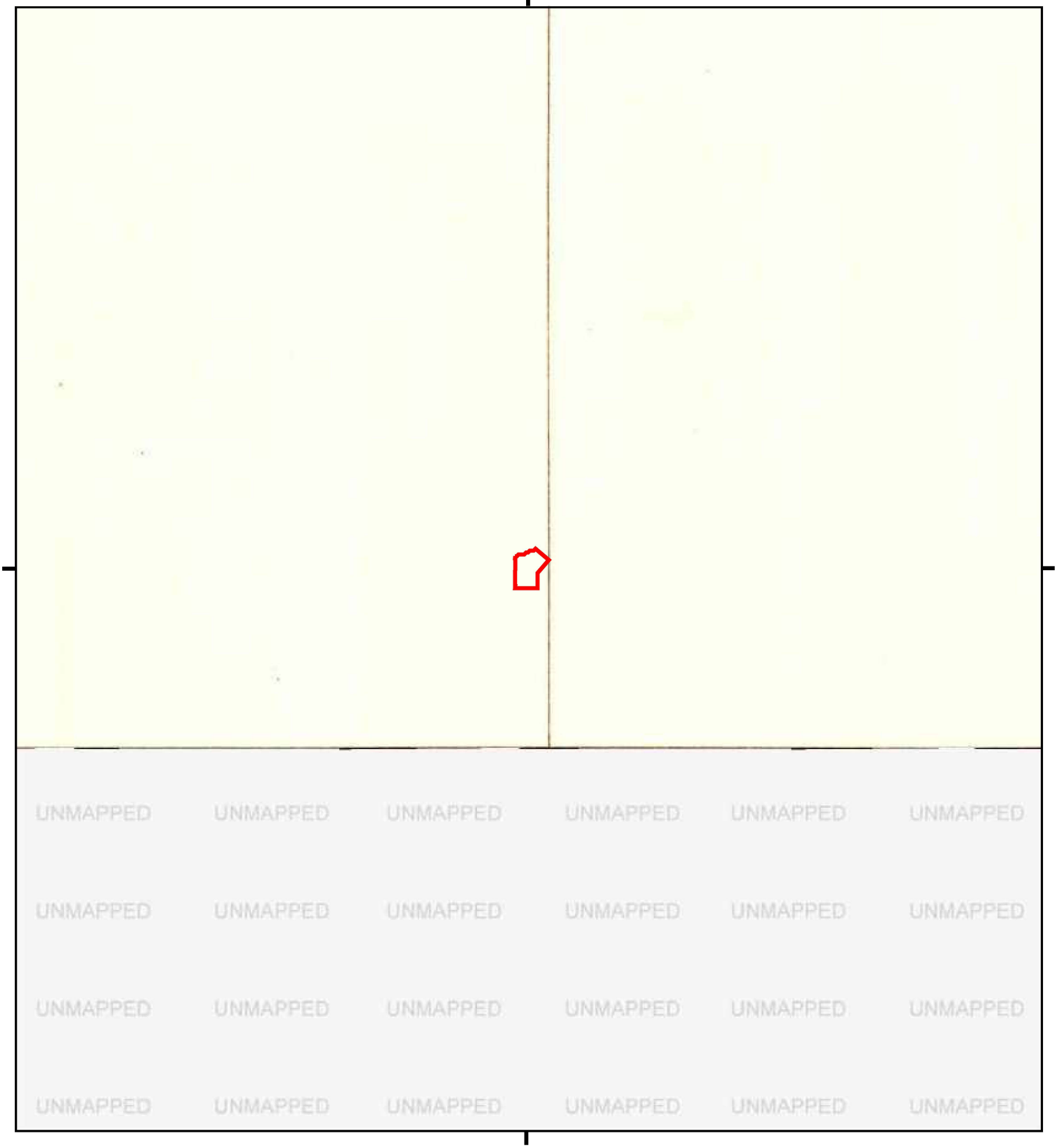
TP, Azusa, 1939, 7.5-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N

Historical Topo Map

1933



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

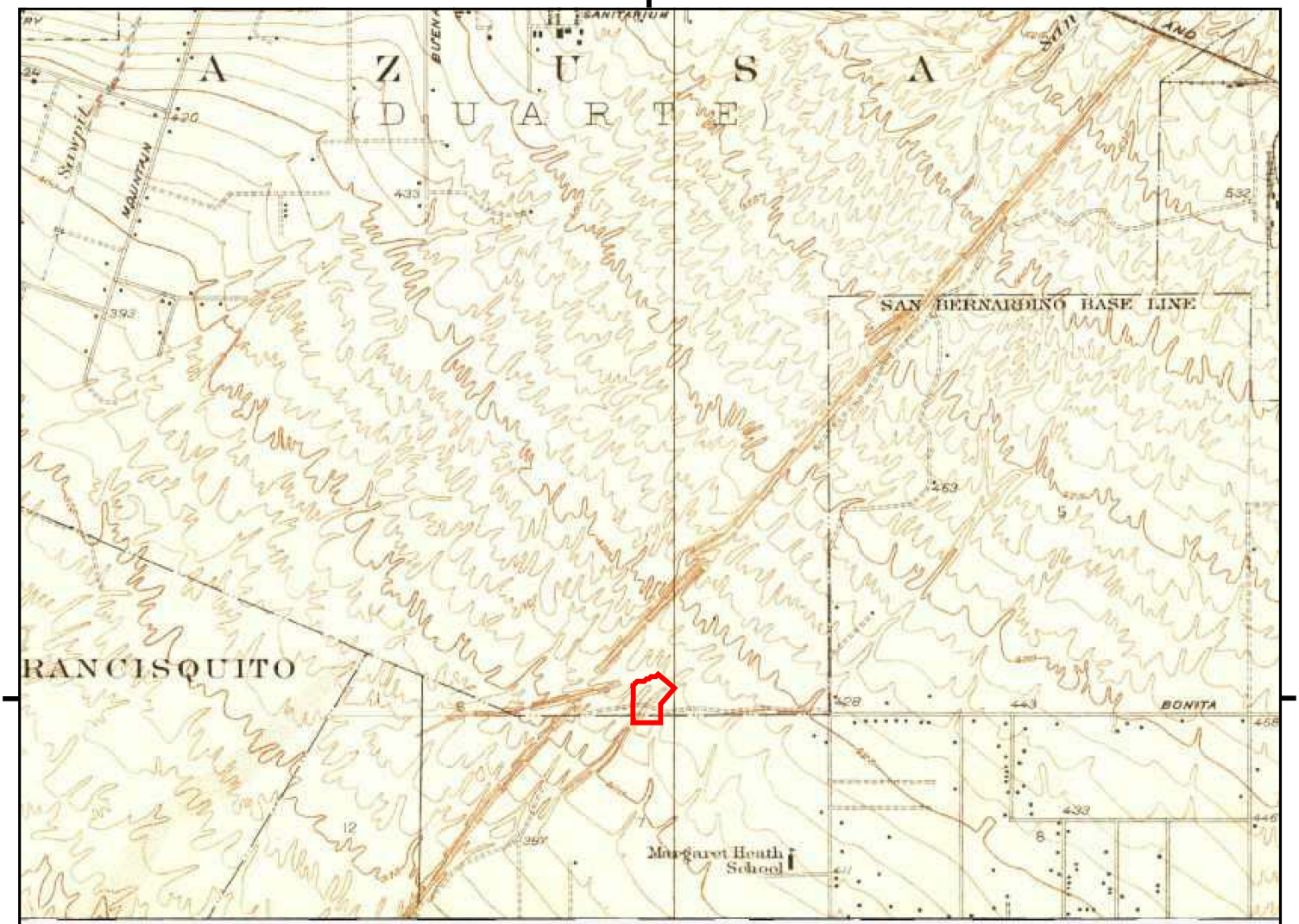
TP, Azusa, 1933, 7.5-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N

Historical Topo Map

1928



UNMAPPED

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Azusa, 1928, 7.5-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N



This report includes information from the following map sheet(s).

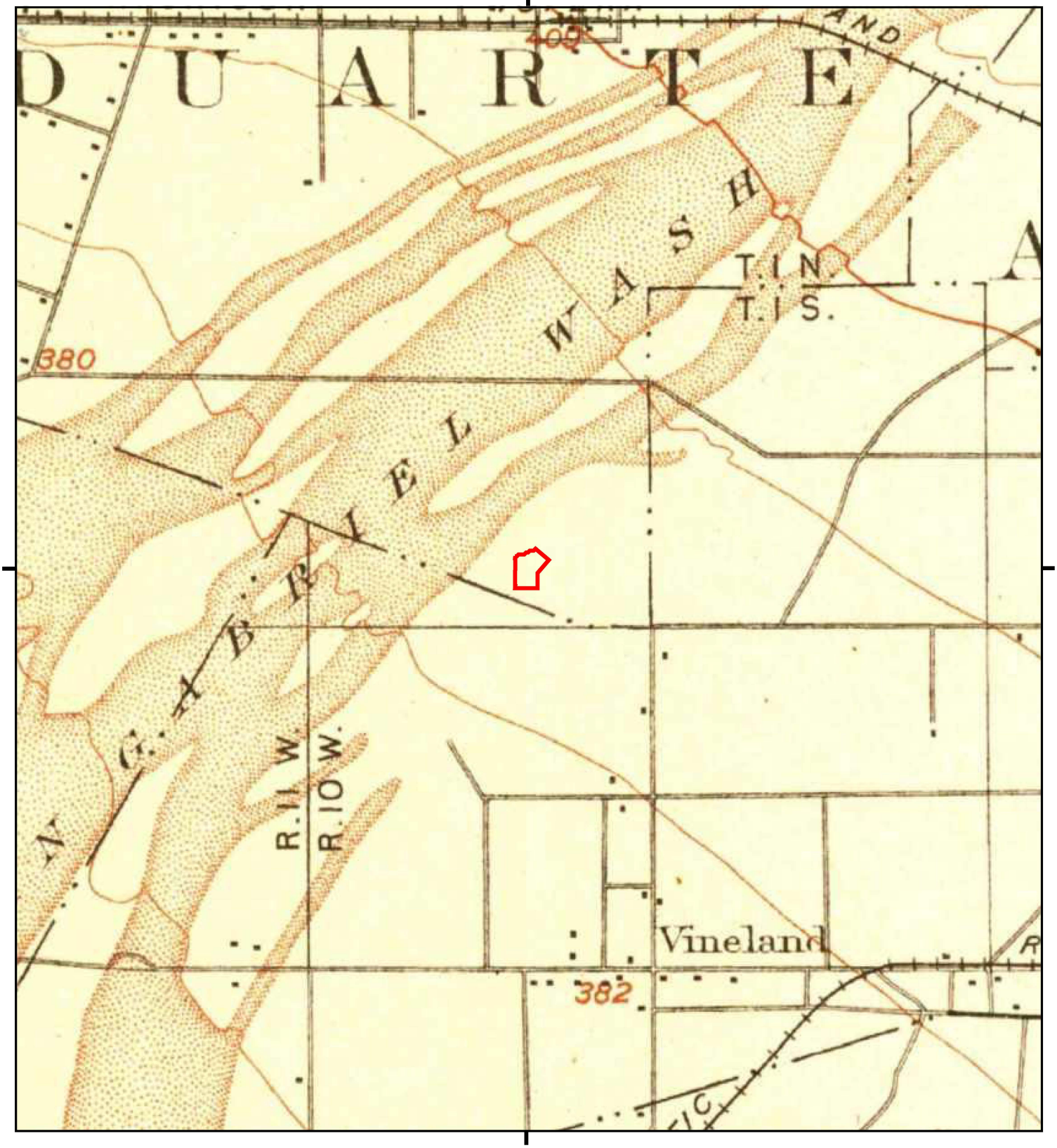
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Azusa, 1925, 7.5-minute
S, Puente, 1927, 7.5-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N



This report includes information from the following map sheet(s).

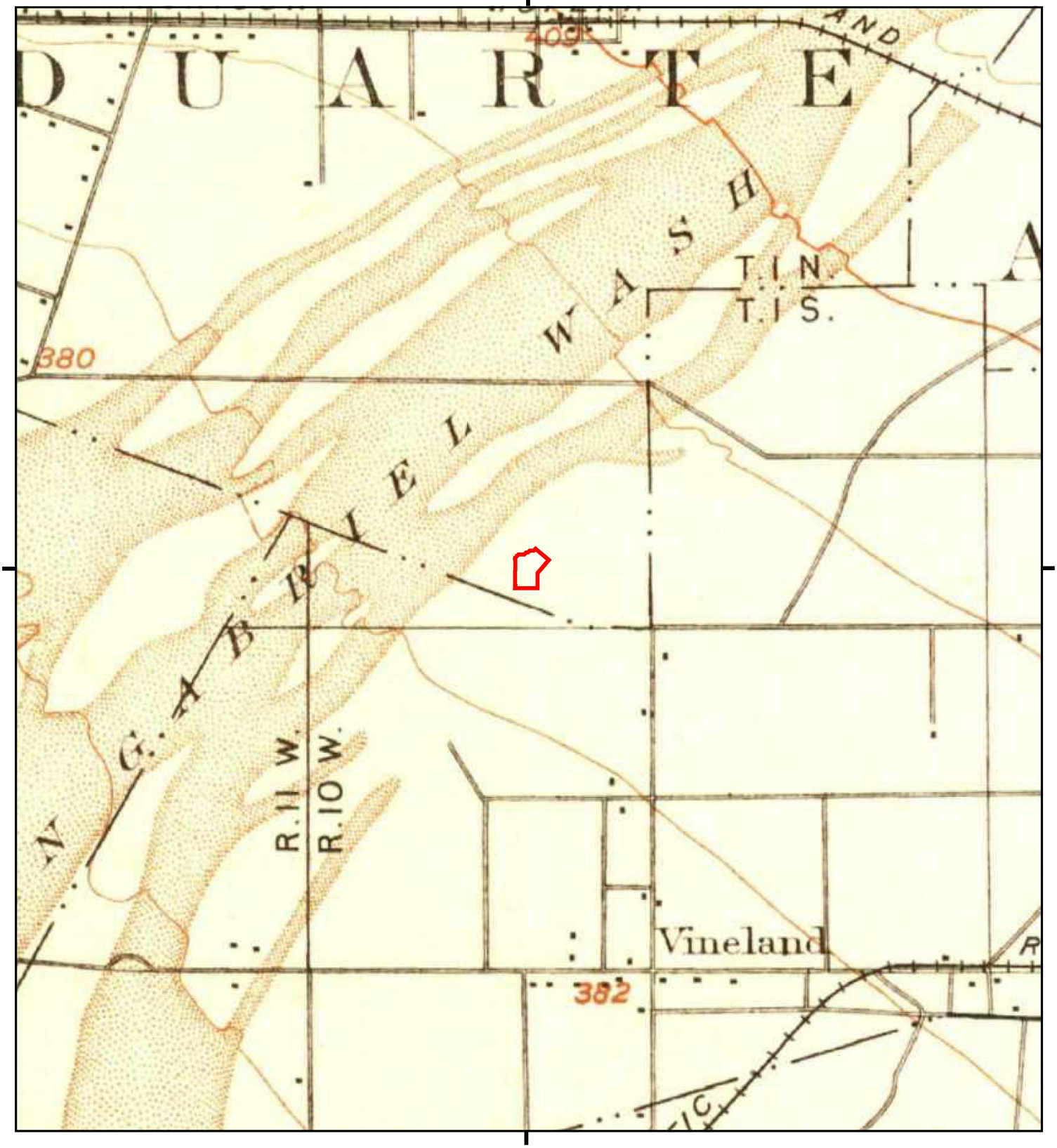
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1904, 15-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N



This report includes information from the following map sheet(s).

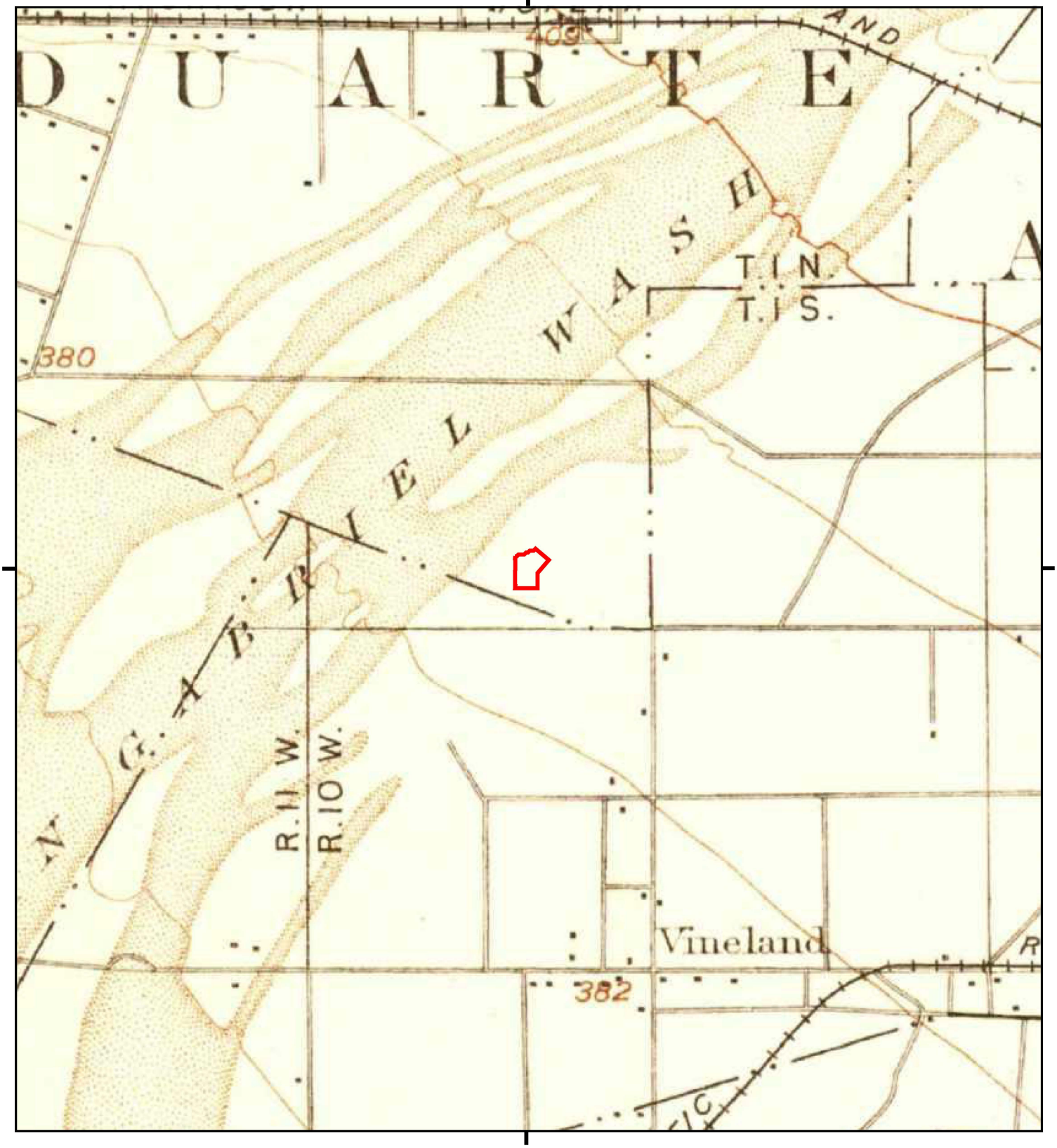
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1898, 15-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N



This report includes information from the following map sheet(s).

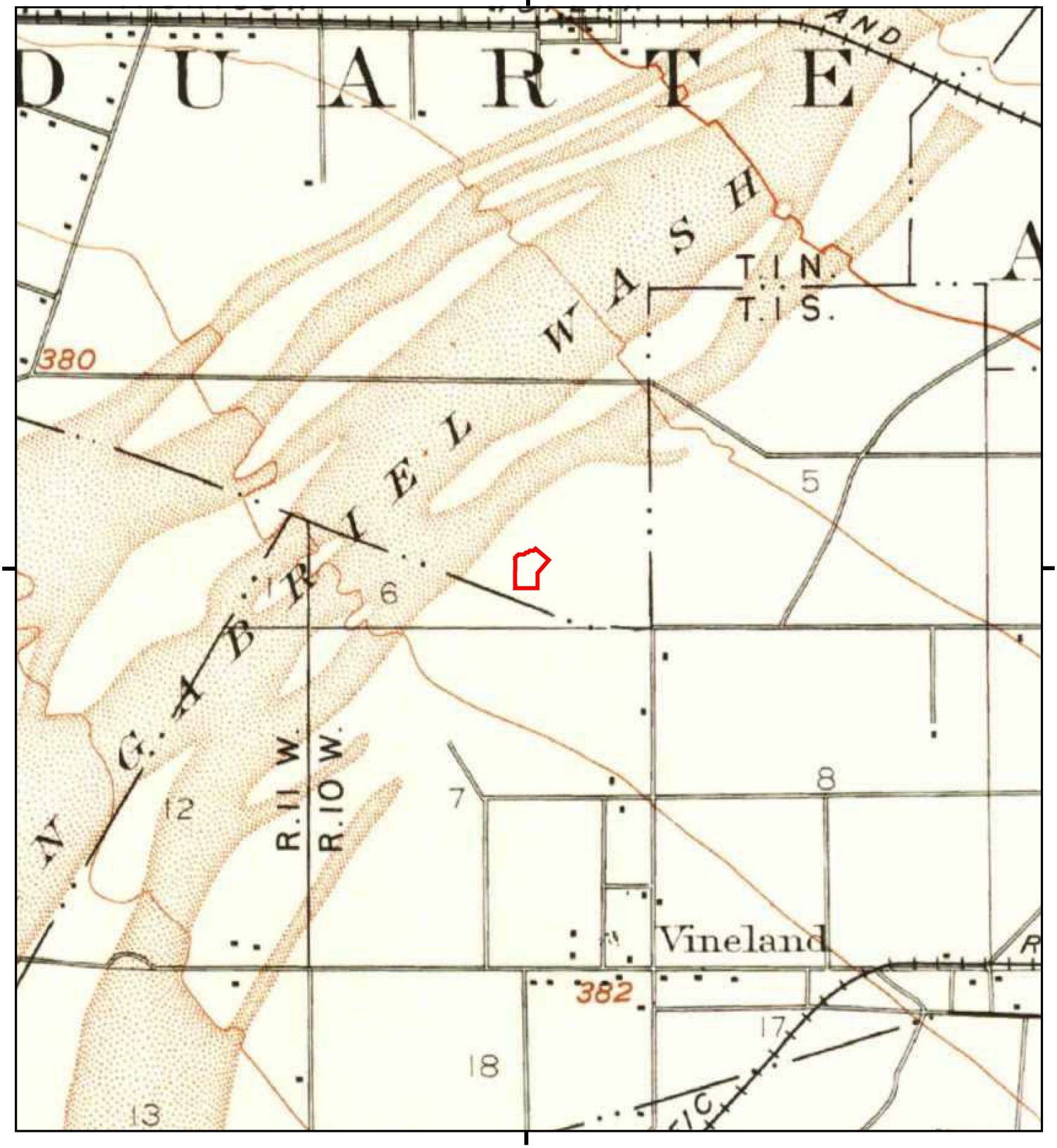
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1897, 15-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1894, 15-minute

SITE NAME: 14005 Live Oak Ave
ADDRESS: 14005 Live Oak Ave
Baldwin Park, CA 91706
CLIENT: Ramboll

N

APPENDIX C.2
AERIAL PHOTOGRAPHS

14005 Live Oak Ave

14005 Live Oak Ave

Baldwin Park, CA 91706

Inquiry Number: 6756447.8

November 18, 2021

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

11/18/21

Site Name:

14005 Live Oak Ave
14005 Live Oak Ave
Baldwin Park, CA 91706
EDR Inquiry # 6756447.8

Client Name:

Ramboll
18100 Von Karman Avenue
Irvine, CA 92612
Contact: Tattiana Mason

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: May 22, 2002	USDA
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1981	1"=500'	Flight Date: February 17, 1981	EDR Proprietary Brewster Pacific
1979	1"=500'	Flight Date: February 05, 1979	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: August 15, 1964	USGS
1952	1"=500'	Flight Date: August 02, 1952	USGS
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 06, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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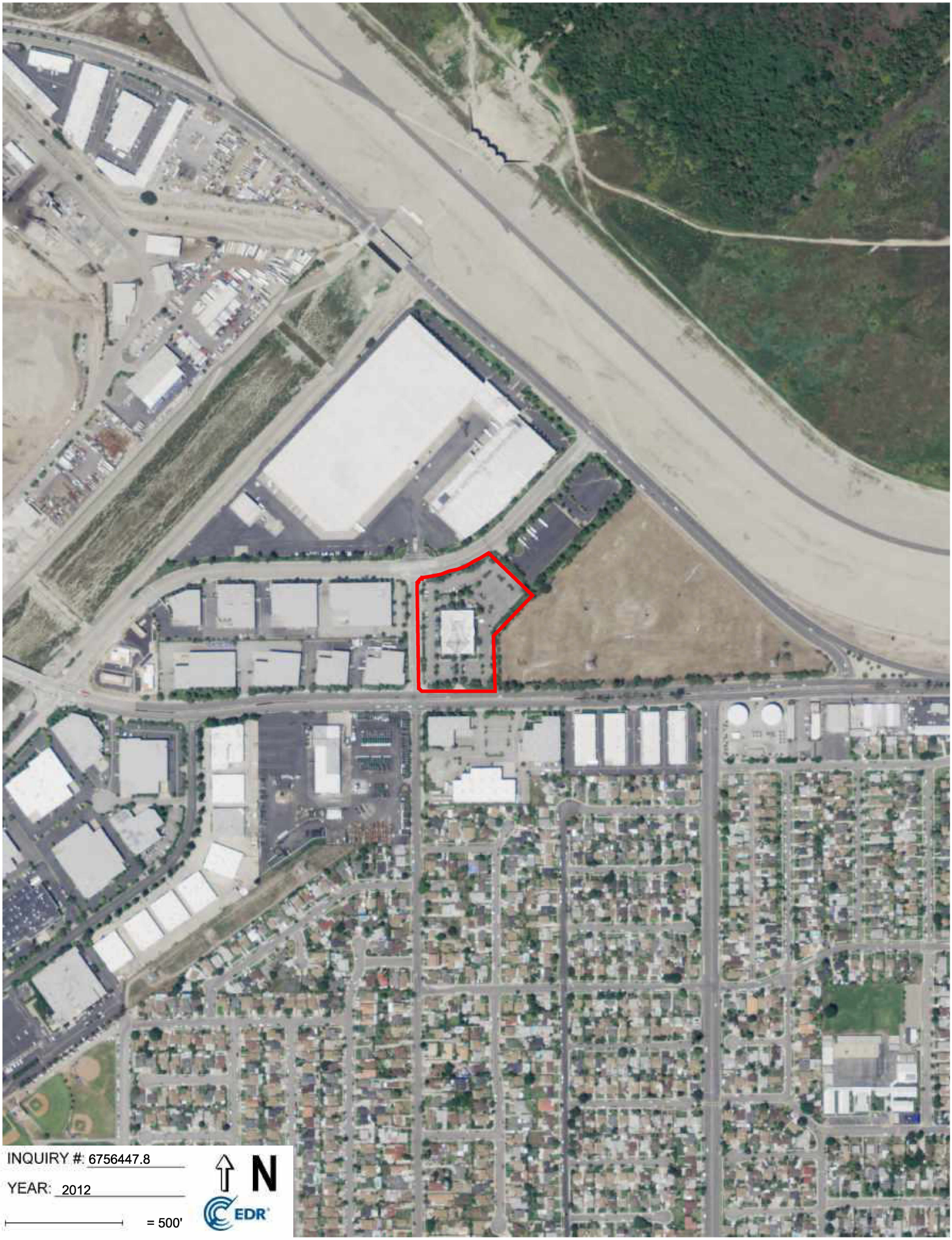
INQUIRY #: 6756447.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 6756447.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6756447.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6756447.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 6756447.8
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 6756447.8
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 6756447.8
YEAR: 1990
= 500'
N
EDR



INQUIRY #: 6756447.8

YEAR: 1983

= 500'

N

EDR


INQUIRY #: 6756447.8
YEAR: 1981
= 500'
N
EDR



INQUIRY #: 6756447.8

YEAR: 1979

= 500'

N

EDR


INQUIRY #: 6756447.8
YEAR: 1977
= 500'
N
EDR


INQUIRY #: 6756447.8
YEAR: 1964
= 500'
N
EDR


INQUIRY #: 6756447.8
YEAR: 1952
= 500'
N
EDR



INQUIRY #: 6756447.8

YEAR: 1948

= 500'

N

EDR


INQUIRY #: 6756447.8
YEAR: 1938
= 500'
N
EDR


INQUIRY #: 6756447.8
YEAR: 1928
= 500'
N
EDR

APPENDIX C.3
ABSTRACT OF CITY DIRECTORIES

14005 Live Oak Ave
14005 Live Oak Ave
Baldwin Park, CA 91706

Inquiry Number: 6756447.5
November 19, 2021

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2015. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2015	Cole Information Services	-	X	X	-
2009	Cole Information Services	X	X	X	-
2006	Haines Company	-	-	-	-
2004	Cole Information Services	-	X	X	-
	Haines Company	-	-	-	-
2003	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Pacific Bell Telephone	-	-	-	-
1999	Cole Information Services	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1999	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
1996	GTE	-	-	-	-
1995	Pacific Bell	X	X	X	-
1994	Cole Information Services	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	-	-	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	X	X	-
1976	R.L. Polk & Co Publishers	-	-	-	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	R. L. Polk & Co.	-	-	-	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	X	X	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	-	-	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

14005 Live Oak Ave
Baldwin Park, CA 91706

FINDINGS DETAIL

Target Property research detail.

LIVE OAK AVE

14005 LIVE OAK AVE

Year	*Uses*	*Source*
2009	MELLON FINANCIAL	Cole Information Services
2003	XXXX	Haines & Company
1999	HUGHES MARKETS INCORPORATED CORPORATE HEADQUARTERS	Cole Information Services
1995	HUGHES MARKETS INC CORPORATE HEADQUARTERS	Pacific Bell
	HUGHES MARKETS INC CORPORATE HEADQUARTERS	Pacific Bell
1994	HUGHES MARKETS INC	Cole Information Services

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BENHAM AVE

5073 BENHAM AVE

Year	Uses	Source
2015	ERICA GUZMAN	Cole Information Services
2009	OHERO GUZMAN	Cole Information Services
2004	VITELIO PALMERO	Cole Information Services
2003	XXXX	Haines & Company
1999	OHERO GUZMAN	Cole Information Services
1995	Norona Juan Fellpe	Pacific Bell
	H Norona J LH	Pacific Bell
	i Norona Frank	Pacific Bell
1994	NORONA, FRANK	Cole Information Services
1985	NORONA FRANK	Pacific Bell
1975	MINER RAYMOND A	Pacific Telephone

5077 BENHAM AVE

Year	Uses	Source
2015	MIRNA VILLEDA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	GUADALUPE PACHECO	Cole Information Services
2003	PACHECO Julia	Haines & Company
1995	Gonzalez Hector	Pacific Bell
1975	TERRY M L	Pacific Telephone

5080 BENHAM AVE

Year	Uses	Source
2003	GUZMAN Ramiro	Haines & Company

5081 BENHAM AVE

Year	Uses	Source
2004	JOSE TORNEL	Cole Information Services

Year	Uses	Source
2003	TORNEL Jose	Haines & Company

E LIVE OAK AVE

13940 E LIVE OAK AVE

Year	Uses	Source
1990	WEBSTERS REFUSE DISPOSAL B PK	Pacific Bell

LIVE OAK AVE

13875 LIVE OAK AVE

Year	Uses	Source
2009	NYTEX COMPOSITES CORP	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	NYPLA INDUSTRIAL CO	Cole Information Services

13915 LIVE OAK AVE

Year	Uses	Source
2015	UNISON GIFTS INC	Cole Information Services
2009	UNISON GIFTS INC	Cole Information Services
2004	GLASSICAL CREATIONS INC	Cole Information Services
	UNISON GIFTS INC	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2003	UNISON GIFTSINC	Haines & Company

13940 LIVE OAK AVE

Year	Uses	Source
2015	WASTE MANAGEMENT	Cole Information Services
2009	WASTE MANAGEMENT	Cole Information Services
	WASTE MGMT COLLECTION & RECYCLING	Cole Information Services
2004	CRISTOBAL MANZANAREZ	Cole Information Services
	WASTE MANAGEMENT	Cole Information Services
	DURAN ENVIRONMENTAL INC	Cole Information Services
2003	CUSTOMER SERV	Haines & Company
	WASTEMANAGEMENT	Haines & Company
	WASTE MANAGEMENT	Haines & Company

FINDINGS

Year	Uses	Source
1999	WASTE MANAGEMENT CUSTOMER SERVICE	Cole Information Services
	WST MANAGEMENT OF SAN GABRIEL POMONA VALLEY CUST SERVICE	Cole Information Services
	WST MANAGEMENT OF SAN GABRIEL VALLEY POMONA VALLEY	Cole Information Services
	WASTE MANAGEMENT OF SAN GABRIEL VALLEY POMONA VALLEY	Cole Information Services
	ACTION TRANSFER CENTER	Cole Information Services
1995	Websters Refuse Disposal	Pacific Bell
	From Claremont San Dimas Telephones Call	Pacific Bell
	P Modulaire A W MI Service	Pacific Bell
	From Claremont San Dimes Telephones Call	Pacific Bell
	W MI Services	Pacific Bell
1994	WEBSTERS RFSE DSPSL	Cole Information Services
	WASTE MANAGEMENT INC	Cole Information Services
	WASTE MANAGEMENT	Cole Information Services
1985	SAN DIMAS DISPOSAL CO	Pacific Bell
	WEBSTERS REFUSE DISPOSAL	Pacific Bell
	OTTING HARRY W	Pacific Bell
	HORIZON RUBBISH SERVICE	Pacific Bell
	GRIFFITH DISPOSAL CO	Pacific Bell
	C & H DISPOSAL	Pacific Bell
1975	WEBSTER S REFUSE DISPOSAL	Pacific Telephone
	SAN DIMAS DISPOSAL CO	Pacific Telephone
	OTTING HARRY W	Pacific Telephone
	HORIZON RUBBISH SERVICE	Pacific Telephone
	GRIFFITH DISPOSAL CO	Pacific Telephone
	C & H DISPOSAL	Pacific Telephone

13955 LIVE OAK AVE

Year	Uses	Source
2015	UNICORN STUDIO INC	Cole Information Services
2004	B & W PRECISION INC	Cole Information Services
2003	BSW PRECISION INC	Haines & Company

FINDINGS

13985 LIVE OAK AVE

Year	Uses	Source
2015	R RANCH MARKETS	Cole Information Services
	R RANCH MARKET	Cole Information Services
2009	R RANCH MARKET INC	Cole Information Services
	PRICE IMPACT WHOLESALE	Cole Information Services
	HAFSA CORP	Cole Information Services
2004	RICHARDS DISTRIBUTORS INC	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	PRICE IMPACT WHOLESALE	Cole Information Services
2003	WHOLESALE	Haines & Company
	PRICE IMPACT	Haines & Company

14010 LIVE OAK AVE

Year	Uses	Source
2015	ICHIBA	Cole Information Services
	KINGMAN INTERNATIONAL CORPORATION	Cole Information Services
2009	KINGMAN INTERNATIONAL CORP	Cole Information Services
2004	PAINTBALL4ME CO	Cole Information Services
	KINGMAN INTERNATIONAL CORP	Cole Information Services
2003	PAINTBALL 4 MECOM	Haines & Company
	INTERNATIONAL CORP	Haines & Company
	KINGMAN 626 4 W 1928	Haines & Company
	INTERNATIONAL CORP	Haines & Company
	KINGMAN	Haines & Company

14020 LIVE OAK AVE

Year	Uses	Source
2009	MONTELEONE INTERIORS INC	Cole Information Services
2004	MONTELEONE INTERIORS INC	Cole Information Services

14030 LIVE OAK AVE

Year	Uses	Source
2015	CARDINAL LABORATORIES DISTRIBUTION C	Cole Information Services
2009	CARDINAL LAB INC	Cole Information Services

Year	Uses	Source
2009	CARDINAL LABS DISTRIBUTION CENTER	Cole Information Services

14040 LIVE OAK AVE

Year	Uses	Source
1980	HEAVY TRANSPORT INC LIVE OAK AVE BALDWIN PARK	Pacific Telephone

14041 LIVE OAK AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1994	UNITED CONCRETE PIPE CORP	Cole Information Services
1985	UNITED CONCRETE PIPE DIV OF U S PIPE & FOUNDRY	Pacific Bell
1980	U S PIPE & FOUNDRY CO OFC LIVE OAK AVE BALDWIN PARK	Pacific Telephone
1975	UNITED STATES PIPE & FOUNDRY CO CONCRETE PIPE DIV OFC	Pacific Telephone

N STEWART AVE

5104 N STEWART AVE

Year	Uses	Source
1966	VALENCIA JOHN W	Pacific Telephone

RIVERGRADE RD

5288 RIVERGRADE RD

Year	Uses	Source
2015	PRIMA ROYALE ENTERPRISES LTD	Cole Information Services
2009	PRIMA ROYALE ENTERPRISES LTD	Cole Information Services
2004	ROYALE PRIMA	Cole Information Services
	ROYALE PRIMA	Cole Information Services
2003	PRIMA ROYALE	Haines & Company

5301 RIVERGRADE RD

Year	Uses	Source
2015	AFS WAREHOUSE	Cole Information Services
2009	TANIMURA DISTRIBUTING INC	Cole Information Services

FINDINGS

Year	Uses	Source
2004	FRESHPOINT OF SOUTHERN CLFRN	Cole Information Services

5303 RIVERGRADE RD

Year	Uses	Source
2015	ELITE FLOWERS SERVICES	Cole Information Services

5305 RIVERGRADE RD

Year	Uses	Source
2015	PVH CORP PVH	Cole Information Services
2009	FOUR SEASON GENERAL MERCHANDISE	Cole Information Services
	WARMACO SWIMWEAR	Cole Information Services
2004	FOUR SEASONS GENERAL MERCH	Cole Information Services
2003	G&G PRODUCE	Haines & Company

STEWART AVE

5104 STEWART AVE

Year	Uses	Source
2015	TERESA VALERIO	Cole Information Services
2004	TERESA VALERIO	Cole Information Services
	BENJAMIN VALERIO	Cole Information Services
2003	6 VALERIO Benjamin	Haines & Company
1995	Andrade Norma Pico Riv	Pacific Bell
	Andrade Monique	Pacific Bell
	Andrade N	Pacific Bell

5110 STEWART AVE

Year	Uses	Source
2015	E DENAS	Cole Information Services
2003	TENASMana	Haines & Company
1975	GONZALES HENRY	Pacific Telephone

5114 STEWART AVE

Year	Uses	Source
2015	LAWRENCE IRWIN	Cole Information Services
2009	LAWRENCE IRWIN	Cole Information Services

FINDINGS

Year	Uses	Source
2004	LAWRENCE IRWIN	Cole Information Services
2003	IRWIN Law rence	Haines & Company
1999	LAWRENCE IRWIN	Cole Information Services
1975	REECE WALTER R	Pacific Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
13875 LIVE OAK AVE	2015, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
13915 LIVE OAK AVE	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
13915 LIVE OAK AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
13940 E LIVE OAK AVE	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
13940 LIVE OAK AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
13940 LIVE OAK AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
13955 LIVE OAK AVE	2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
13955 LIVE OAK AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
13985 LIVE OAK AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
13985 LIVE OAK AVE	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14010 LIVE OAK AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14010 LIVE OAK AVE	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14020 LIVE OAK AVE	2015, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14030 LIVE OAK AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14040 LIVE OAK AVE	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14041 LIVE OAK AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14041 LIVE OAK AVE	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5073 BENHAM AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
5073 BENHAM AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5077 BENHAM AVE	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5077 BENHAM AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5080 BENHAM AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5081 BENHAM AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5081 BENHAM AVE	2015, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5104 N STEWART AVE	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5104 STEWART AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5104 STEWART AVE	2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
5110 STEWART AVE	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5110 STEWART AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5114 STEWART AVE	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5114 STEWART AVE	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5288 RIVERGRADE RD	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5288 RIVERGRADE RD	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5301 RIVERGRADE RD	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5303 RIVERGRADE RD	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5305 RIVERGRADE RD	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5305 RIVERGRADE RD	2015, 2009, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
14005 Live Oak Ave	2006, 2004, 2001, 2000, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

APPENDIX C.4
HISTORICAL FIRE INSURANCE MAPS

14005 Live Oak Ave

14005 Live Oak Ave

Baldwin Park, CA 91706

Inquiry Number: 6756447.3

November 18, 2021

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

11/18/21

Site Name:

14005 Live Oak Ave
14005 Live Oak Ave
Baldwin Park, CA 91706
EDR Inquiry # 6756447.3

Client Name:

Ramboll
18100 Von Karman Avenue
Irvine, CA 92612
Contact: Tattiana Mason

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Certified Sanborn Results:

Certification # A15F-4241-A796

PO # NA

Project NA

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: A15F-4241-A796

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX D
PREVIOUS REPORTS

OOC 590 - 000593 (35)

SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
LACDPW CLOSURE PERMIT #7963B

14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA

Prepared For
FOR TA REALTY ASSOCIATES

URS/D&M JOB NO. 25437-160-149

November 1, 2000

URS
2020 East First St., Suite 400
Santa Ana, CA 92705
(714) 835-6886 Fax: (714) 667-7147

SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
LACDPW CLOSURE PERMIT #7963B

14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA

Prepared For
FOR TA REALTY ASSOCIATES

URS/D&M JOB NO. 25437-160-149

November 1, 2000

URS
2020 East First St., Suite 400
Santa Ana, CA 92705
(714) 835-6886 Fax: (714) 667-7147

TABLE OF CONTENTS

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2.0 SITE DESCRIPTION **1**

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SOIL BORING INVESTIGATION
FORMER HUGHES MARKET FACILITY
14041 LIVE OAK AVENUE
IRWINDALE, CALIFORNIA
URS/D&M JOB NO. 25437-160-149
FOR TA REALTY ASSOCIATES

1.0 INTRODUCTION

URS Corporation (URS) has prepared this report on behalf of TA Realty Associates and Ralphs Grocery Company that describes the results of a subsurface investigation at the former Hughes Market facility located at 14041 Live Oak Avenue. The planned activities associated with this investigation were outlined in a work plan dated August 10, 2000 (Appendix A). The activities were based on the results of a Phase I Environmental Site Assessment being conducted for the site as part of a "due diligence" evaluation prior to property sale and title transfer. The property owner contact during this phase of investigation was identified as Mr. Tab Harrison of the Ralphs Grocery Company. Mr. Harrison may be contacted by telephone at (310) 884-4083.

2.0 SITE DESCRIPTION

The former Hughes Market facility is located at 14005 East Live Oak Avenue in Irwindale, California. A vicinity map is presented as Figure 1. The site was formerly part of a larger 74-acre parcel (14041 East live Oak Avenue) that was owned and occupied by United Concrete Pipe (UCP). Ralphs Markets acquired Hughes Markets and the property is now considered excess and is in the process of being sold.

The property is located east of the San Gabriel River Channel and south of the Santa Fe Dam. The subject property is bordered to the north-northwest by Rivergrade Road, to the northeast by Arrow Highway, a vacant lot to the east, and south by Live Oak Avenue (Figure 2). The property is developed with a 2-story vacant office building, asphalt parking lots, concrete sidewalks, and landscaped with grass, shrubs and trees.

3.0 GEOLOGY AND HYDROGEOLOGY

The site is situated in the northern-central portion of the San Gabriel Valley Groundwater Basin, overlying fresh water-bearing deposits of that basin. The basin is an elongated, alluvium-filled valley extending from the central part of Los Angeles County almost to its eastern boundary. The valley is approximately 14 miles wide, and is bordered to the north by the San Gabriel Mountains and to the south by the Repetto, Puente, and the San Jose Hills. A topographic divide marks the eastern boundary of the basin, and the Raymond fault serves as the northwestern boundary. The surface area of the valley floor is approximately 100,000 acres.

Average annual precipitation in the site vicinity is approximately 14 inches, although rainfall to the north in the San Gabriel Mountains exceeds 35 inches annually. Because these mountains are composed primarily of non-water-bearing rock, local precipitation from the mountains runs off through the San Gabriel Canyon, providing sources of recharge to the water-bearing deposits underlying the valley floor in the vicinity of the site. The region's groundwater gradient from the mouth of the San Gabriel River is to the south and west.

The principal drainage in the area is the San Gabriel River, located west of the site. The riverbanks are lined with concrete. The river bottom consists of native alluvial sand and gravel deposits.

The surface deposits at the site are recent alluvium deposited in the San Gabriel River flood plain. These deposits overlie older alluvium. The central portion of the San Gabriel Valley Groundwater Basin has water-bearing deposits averaging about 1,000 feet in thickness. The alluvium that comprises the water-bearing materials in the site vicinity consists of randomly sorted, sub-rounded to well-rounded, coarse-grained deposits derived from the San Gabriel Mountains to the north. The deposits range in size from silt to 4-foot diameter boulders. The alluvium generally consists of course sands and gravel, with occasional lenses of finer-grained material deposited during low-flow cycles.

The coarseness of the sands and gravel in the alluvial deposits makes these deposits very efficient aquifers. Horizontal permeability of the deposits range from about 100 to 500 gallons per day per square foot. Vertical permeability is generally an order of magnitude lower than the horizontal values.

Ground water levels in the vicinity of the site fluctuate greatly depending on the frequency and quantity of the precipitation. The existence of a perched water-bearing zone above the primary ground water basin at the site is unlikely, due to the coarse-grained nature of the soil.

4.0 BACKGROUND

In 1991, URS (formerly known as Woodward-Clyde) was retained by Mission-Koll to decommission two 10,000-gallon steel underground storage tanks (USTs) at the former United Concrete Pipe (UCP) facility in Irwindale, California. The USTs consisted of a steel unleaded gasoline tank and a double-walled fiberglass diesel fuel tank. The tanks were removed in April 1991 under Closure Permit No. 7963B issued by the Los Angeles County Department of Public Works (LACDPW). A closure report was submitted to the LACDPW on December 20, 1991. A copy of the closure report (Woodward-Clyde Consultants, Tank Closure Report, December 20, 1991) can be found in Appendix B. LACDPW responded to the closure report with a letter dated March 1995 requesting additional sampling. There is no indication that the former owner has ever responded to this letter, or that a follow-up investigation was ever competed.

URS personnel documented the removal of the tanks and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. Soil samples were taken beneath the tanks at an approximate depth of 15 feet below ground surface (bgs) as specified by the removal permit. Soil samples collected beneath the gasoline tank were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015 Modified and the samples collected beneath the diesel tank were analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH) by EPA Method 418.1.

The analytical results revealed non-detect concentrations of TPHg in samples collected beneath the unleaded gasoline tank. One sample collected beneath the north end of the diesel tank contained 186 milligrams per kilogram (mg/kg) of TRPH. Additional samples were then collected beneath the diesel tank to assess the magnitude and extent of the TRPH. On May 3, 1991, samples were collected at the same location the TRPH was detected but at greater depths (20 and 25 feet) below grade. The samples taken were non-detect for TRPH but showed low levels of toluene, xylenes, and ethylbenzene.

On May 4, 1991, four additional samples were collected near the area where the original TRPH was detected. All samples were non-detect except for one sample that contained 2 micrograms per kilogram (ug/kg) of toluene. Soil removed from beneath the tank was stockpiled and later moved to another location on site in case further treatment was deemed necessary. The stockpiled soil was reported to show no sign of discoloration.

Hughes Markets acquired a portion of the property from Mission Koll and subsequently developed the property as a business office facility. A two-story office building was constructed over the

location of the former USTs. Currently the office building is unoccupied pending sale of the property.

In July 2000, URS personnel met with Mr. Iheanacho Ofo of LACDPW to discuss specific steps necessary to close the former USTs. In accordance with LACDPW guidelines, Mr. Ofo stated that further soil investigation including sampling for methyl-tertiary-butyl ether (MTBE) must be conducted before closure would be granted. On the basis of LACDPW guidelines, Mr. Ofo stated that five borings around the former UST cluster should be drilled to depths of 40 feet bgs (25 feet below the base of the UST invert) to assess the condition of the subsurface soil. Mr. Ofo stated that if no impacts from petroleum hydrocarbons were detected in the soil beneath the former tanks, then LACDPW would consider granting UST closure.

5.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this investigation was to further investigate subsurface soil conditions to evaluate whether product from the former USTs had impacted deeper soil horizons beneath the site. It should be noted that this phase of work was performed as part of a "due diligence" investigation for a property sale and title transfer and, as such, proceeded without regulatory overview of the August 10, 2000 work plan. The scope of work, however, was intended to fulfill guidelines presented by the LACDPW for a UST Site Assessment Plan with the objective of LACDPW providing regulatory oversight for UST closure. The tasks completed during this investigation are summarized below.

5.1 PREPARATION FOR FIELD INVESTIGATION ACTIVITIES

Prior to conducting the subsurface investigation, URS performed the following activities:

- Prepared a site-specific health and safety plan (HASP) for this phase of work.
- Notified Underground Service Alert of the proposed investigation.
- Selected Oltmans Construction, Spectrum Geophysics, Skaggs Concrete Coring, Pacific Drilling, and Calscience Analytical laboratories as subcontractors for the investigation.

5.2 FIELD-INVESTIGATION ACTIVITIES

The subsurface field investigation included the following activities:

- Conducted an on-site geophysical survey to verify utility clearances before advancing the soil borings.

- Supervised removal and re-construction of interior room walls by licensed contractor in order to provide access for drilling operations.

- Supervised concrete coring and cutting to allow drill stem access through the building foundation in the locations of the five borings.

- Advanced five hollow-stem auger borings to depths of 23 feet bgs, 40.5 feet bgs, 11 feet bgs, 36 feet bgs, and 14 feet bgs.

- Collected soil samples at 4-foot intervals, when possible, from the borings for soil classification, total organic vapor headspace measurements, and chemical analysis.

- Analyzed the soil samples for total petroleum hydrocarbons (TPH - full carbon chain); benzene, toluene, ethylbenzene, and xylenes (BTEX); methyl tertiary butyl ether (MTBE); and lead.

5.3 REPORT PREPARATION

Following the field activities, URS has prepared this summary report with the investigation results and recommendations in accordance with LACDPW guidelines.

6.0 METHODS OF INVESTIGATION

6.1 HEALTH AND SAFETY PLAN

A site-specific HASP was prepared by URS prior to conducting field activities at the site. The HASP described specific health and safety requirements and guidelines for the proposed activities. In addition, URS employees and subcontractor employees assigned to the project attended a tailgate safety meeting given by the Site Safety Officer each day that field activities were performed. A copy of the Health and Safety Plan is included in Appendix C.

6.2 UTILITY CLEARANCE

Underground Service Alert was notified at least 48 hours in advance of the proposed drilling activities. In addition, a geophysical survey was conducted by Spectrum Geophysics prior to performing subsurface work in order to identify the presence of potential utilities or underground structures. Four geophysical methods were used: magnetic; electromagnetic; ground penetrating radar (GPR); and electromagnetic line location. Magnetics and electromagnetics were used to identify underground tanks, drums and conduits. These features are detected due the ferrous and electrically conductive material of their construction. GPR was used as a follow up technology to characterize identified magnetic or electromagnetic anomalies.

An area within an approximate 10-foot radius around each boring location was surveyed. Once a proposed boring location was surveyed and cleared of utilities, the location was re-marked to denote clearance for drilling.

6.3 CONSTRUCTION ACTIVITY

Prior to initiating drilling activities Oltmans Construction, a general contractor, removed part of an exterior wall on the eastern portion of the office building and part of an interior wall in the northern portion of the office building to provide access for the drilling equipment. URS directed the contractor to remove the wall sections. Following completion of drilling activities, the walls and utilities removed were restored to original specifications.

6.4 SOIL BORING ADVANCEMENT

At each boring location, a concrete cutter equipped with a diamond-tipped hole-saw was used to cut two12-inch diameter holes through the concrete surface to expose subsurface soils. Two holes were cut at each boring location to allow for a secondary boring location in case of auger refusal in the primary location. After partially advancing soil boring SB-1, the driller and on-site geologist found it necessary to enlarge the 12-inch diameter holes to allow evacuation of the soil cuttings from the borehole and to allow the drill stem to maneuver around subsurface cobbles/boulders. Therefore, Skaggs Concrete Cutting returned to the site and cut 2' x 4'rectangular shaped holes encompassing the two 12-inch diameter holes.

Five borings, SB-1 through SB-5, were advanced to depths of 23 feet bgs, 40.5 feet bgs, 11 feet bgs, 36 feet bgs, and 14 feet bgs, respectively. Each of the soil borings were advanced until refusal was

met. Refusal of the drill stem was a result of cobble-sized hard rock that could not be penetrated by the drilling equipment. The borings were located in the area of the former dispenser island and USTs as shown on Figure 3. Drilling of the borings was performed using a hollow-stem auger, limited space-drilling rig with 6-inch outside diameter continuous-flight augers. Prior to drilling, boring locations were hand-augured to approximately 5-feet bgs to verify that there were no underground utilities.

Soil samples were collected at 4-foot intervals beginning at 4-feet bgs and continuing every four feet until auger refusal was met. The soil samples were collected using a modified California split-spoon sampler, fitted with three brass liners. The sampler was driven 18 inches (or to refusal) into undisturbed ground, by repeatedly dropping a 140-pound hammer from 30 inches above the sampler. The number of blows required to drive the sampler each 6-inches was recorded on the boring logs shown on Appendix D. Refusal is defined as requiring 50 hammer blows to advance the sampler 6 inches or less. In many instances sampler refusal was met and a sample could not be retrieved. In this case the drill stem was advanced to the next 4-foot interval and sampling continued.

Soil samples were used for measurement of headspace volatile organic compound (VOC) concentrations, describing the soil in accordance with the Unified Soil Classification System (USCS), and for chemical analysis (if selected).

Soil from the middle and top brass liners (if enough soil was available from the sampling process) was placed in a re-sealable plastic bag for approximately 15 minutes to allow VOCs in the soil to volatilize. The soil vapor was then measured by inserting a photoionization detector (PID) probe into the plastic bag. Background VOCs were measured prior to each measurement. The PID results were recorded on the boring logs as shown on Appendix D. The soil samples were visually examined, described and classified in general accordance with the USCS. Soil descriptions were recorded on the boring logs with other pertinent drilling notes.

The bottom brass liner from each sample interval was sealed and capped, labeled, and stored in a chilled cooler for delivery to the laboratory. The drilling and sampling activities were performed under the direction of Mr. Taras B. Kruk, a Registered Geologist (No 5681) and Certified Hydrogeologist (No. 469) experienced in environmental drilling and sampling. Boring logs were prepared in accordance with the URS standard format for environmental drilling. The boring logs

are included in Appendix D and contain geologic descriptions (USCS) of soil strata, sample identification numbers, blow counts, and PID readings for headspace analyses.

During drilling activities, soil cuttings were shoveled into 55-gallon drums. The drums were labeled, identifying the site name, boring number, date, and properly sealed. The soil cuttings will be disposed of in an appropriate manner.

6.5 SOIL ANALYSIS

Soil samples collected from the borings were submitted to Calscience Environmental Laboratories, Inc. (Calscience) in Garden Grove, California for analyses. Soil samples collected as feasibly close to 8, 16, 24, 32 and 40 feet were analyzed for TPH by EPA Method 8015-Modified for carbon chain to C44 and BTEX/MTBE by EPA Method 8020. Soil samples collected as feasibly close to 32 and 40 feet were additionally analyzed for lead by EPA Method 6010B. Samples not selected for analysis were held by the laboratory in the event that additional analysis was needed to confirm a "clean" zone beneath the former USTs. All samples sent to the laboratory were sealed, labeled, stored in a chilled cooler and submitted in accordance with EPA chain-of-custody field procedures. Soil samples were analyzed by Calscience on a 24-hour turn around time. It should be noted that the samples collected were not analyzed for TRPH by EPA Method 418.1 since the former USTs did not contain motor oil.

6.6 DECONTAMINATION PROCEDURES

The drill rig and augers were decontaminated by steam cleaning at the drilling company's maintenance facility prior to arriving at the site. The drilling company provided enough clean equipment for each day of drilling and sampling. They also provided a mobile steam cleaner for field decontamination of augers, and other large equipment used for drilling and/or sampling. Only properly decontaminated equipment approved by URS onsite personnel was used for drilling and sampling.

The field decontamination process for smaller (non-disposable) soil sampling equipment (i.e., split spoon sampler) consisted of wiping the equipment of excess soil, washing in a solution of non-phosphate detergent (Liquinox), and rinsing twice with de-ionized water. The equipment was cleaned prior to use, between each sample collection, and prior to leaving the site. All decontamination liquid and soil cuttings generated from drilling operations were stored in a

55-gallon Department of Transportation (DOT) approved drums, labeled, and properly sealed. URS staged the drums in the former trash dumpster area for disposal.

6.7 QUALITY ASSURANCE SAMPLES

Laboratory QA/QC samples were analyzed to identify the precision and accuracy of the laboratory measurements. Laboratory QA/QC samples consist of method blanks and matrix spike/matrix spike duplicates (MS/MSD) that are run daily as part of the laboratory's QA/QC plan. The purpose of the method blank samples is to evaluate the potential for introduction (during laboratory sample handling) of an analyte into a sample extract that is not present at detectable levels in the sample matrix. The purpose of the MS/MSD samples is to evaluate the effects of the sample matrix on the measurement methodology.

6.8 SAMPLE DOCUMENTATION AND TRACKING

Documentation of observations and data acquired in the field provide information on the acquisition of samples and also provide a permanent record of field activities. The observations and data were recorded with indelible ink on field sampling data sheets.

The information on the field sampling data sheets included the following information:

- Project name;
- Location of sample;
- Sampler's signature;
- Date and time of sample collection;
- Sample identification numbers and sample depth (if applicable);
- Description of samples (matrix sampled);
- Analysis to be performed;
- Number and volume of samples;
- Sample methods;
- Sample handling;
- Field observations; and
- Personnel and equipment present.

Changes or deletions on the field sampling data sheets were lined out with a single strike mark, initialed and dated by the person making the change, and remained legible. Sufficient information

was recorded to allow the sampling event to be reconstructed without relying on the collector's memory.

7.0 INVESTIGATIVE RESULTS

Five soil borings were advanced inside the former Hughes Market facility located at 14041 Live Oak Avenue, Irwindale, California during the time from August 14 through August 17, 2000. Boring SB-1 was drilled adjacent and south of the former underground storage tank (UST) and dispenser island location. Boring SB-2 was drilled through the approximate center of the former UST cluster location. Boring SB-3 and SB-4 were advanced adjacent and southwest, and adjacent and west, of the former UST and dispenser island location, respectively. Boring SB-5 was advanced north of the former UST and dispenser island location. The boring locations are shown on Figure 3.

The presence of cobbles resulted in difficult drilling conditions and, as such, four of the five boreholes met refusal before reaching the targeted depth of 40 feet bgs. However, URS used the best available technology (BAT) in attempting the 40-foot target depth within the former UST and dispenser island area, which we believe fulfill the regulatory requirements.

Boring SB-1 was advanced to a total depth of 23 feet bgs on the third attempt. Refusal was encountered twice at 6 feet bgs and finally at 23 feet bgs in the third location. Boring SB-1 encountered dark brown, fine sand, with coarse gravel at four feet bgs. Numerous cobble-sized rocks created refusal conditions for the split-spoon sampler at the 8-, 12-, and 16-foot depths. Brown/ greenish-gray, coarse, gravelly sand was encountered at 20 feet bgs, and drill rig refusal was met at 23 feet bgs due most probably to a boulder-sized rock. Headspace readings of the soil samples collected ranged from 9.8 to 15.2 ppm.

Boring SB-2 was advanced to a total depth of 40.5 feet bgs on the first attempt. Refusal was encountered at 40.5 feet bgs; however, the target depth set forth in the Soil Boring Investigation Workplan of 40 feet bgs was attained. Boring SB-2 encountered dark brown, gravelly, fine to coarse sand at 4 feet bgs. A cobble-sized rock created refusal conditions for the split-spoon sampler at the 8, 16-, and 20-foot depths. Light gray, gravelly, medium to coarse sand, with cobble sized fragments were encountered at 12 feet bgs. Brown, fine to coarse sand, with coarse gravel was observed in the 24-foot sample. Brown, fine to medium, sandy, gravel was encountered at 28 feet bgs while refusal of the sampler occurred at 32 feet. Olive gray/brown, gravelly, medium to coarse, sand with chips from cobble-sized rock was observed in the 36-foot sample. Sampler refusal was encountered at the 40-foot depth and eventually drill rig refusal at 40.5 feet bgs due to a cobble or boulder. Headspace readings of the soil samples collected from this borehole ranged from 1.8 to 3.4 ppm.

Boring SB-3 was advanced to a total depth of 11 feet bgs on the second attempt. Refusal was encountered once at 5 feet bgs and finally at 11 feet bgs in the second location. Boring SB-3 encountered sampler refusal at 4 feet bgs due to a granitic cobble fragment in the shoe of the sample barrel. Brown/greenish gray, fine to coarse, gravelly, sand was encountered at 8 feet bgs. Drill rig refusal occurred at 11 feet bgs in SB-3 due most probably to a cobble sized rock. The headspace reading of the soil sample collected from this borehole was 1.6 ppm.

Boring SB-4 was advanced to a total depth of 36 feet bgs on the first attempt. Boring SB-4 encountered dark brown, medium to coarse, sand, with fine gravel at 4 feet bgs, gray/greenish gray, gravel-sized, granitic, rock chips, with medium to coarse sand at 8 feet bgs, and brown, fine to coarse, sand, with fine gravel at 12 feet bgs. A cobble-sized rock created refusal conditions for the split spoon sampler at the 16-foot depth. Light brown/brown, fine to coarse sand with fine gravel was encountered at 20 and 24 feet bgs. Sampler refusal occurred at the 28- and 36-foot depths. Brown, medium to coarse sand with fine gravel was observed in the 32-foot sample. Drill rig refusal occurred at 36 feet bgs due most probably to a cobble-sized rock. Headspace readings of the soil samples collected from this borehole ranged from 1.5 to 14.3 ppm.

Boring SB-5 was advanced to a total depth of 14 feet bgs on the second attempt. Refusal was encountered once at 12 feet bgs and finally at 14 feet bgs in the second location. Boring SB-4 encountered dark brown, fine to coarse, sand, with fine gravel at 4 feet and 8 feet bgs. Sampler refusal was encountered at 12 feet bgs due to a cobble. Drill rig refusal occurred at 14 feet bgs in SB-5 due most probably to a cobble sized rock. Headspace readings of the soil samples collected from this borehole ranged from 10.3 to 22.4 ppm.

URS submitted the 20-foot sample from boring SB-1, the 24-foot and 36-foot samples from boring SB-2, the 8-foot sample from boring SB-3, the 8-, 24-, and 32-foot samples from SB-4, and the 8-foot sample from boring SB-5 to Calscience Environmental Laboratories, Inc. for analyses. In accordance with LACDPW guidelines, soil samples were analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Method 8015-modified for carbon chain matches through C44; the volatile fuel hydrocarbon constituents BTEX by EPA 8020; and the fuel additive MTBE by EPA Method 8020. Soil samples collected as feasibly close to 32 and 40 feet were additionally analyzed for lead by EPA Method 6010B. The soil samples were analyzed on a 24-hour turnaround basis. Samples that were not selected for analysis were held by the laboratory in the event additional analyses were needed to confirm a "clean" zone beneath the former USTs. Laboratory reports and chain-of-custody records are presented in Appendix E.

PID measurements ranged from 1.5 to 22.4 parts per million by volume (ppmv). The results of TPH, BTEX, and MTBE analyses were all below method detection limits and total lead concentrations ranged from 1.35 mg/kg in SB-4 to 5.42 mg/kg in SB-1. Results of the findings are summarized in Table 1.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Results of the field monitoring indicated the presence of some residual hydrocarbons in vapor-phase as measured by the PID. Results of the laboratory analyses, however, showed no indication of petroleum hydrocarbons remaining in the soil. The analytical results for lead indicated that concentrations are indicative of background lead levels in soil for the State of California (9.0 ppm to 31.0 ppm) according to the Kearney Foundation's "Special Soil Report," dated March, 1996. Based on these results, it is our opinion that no further action is required for this UST site and that formal case closure should be issued.

-o0o-

Should you have any questions or comments, please do not hesitate to contact us.

Respectfully Submitted,
URS Corporation

for Mike Makerov
Staff Geologist

Taras B. Kruk, R.G., C.HG.
Senior Geologist

TABLES

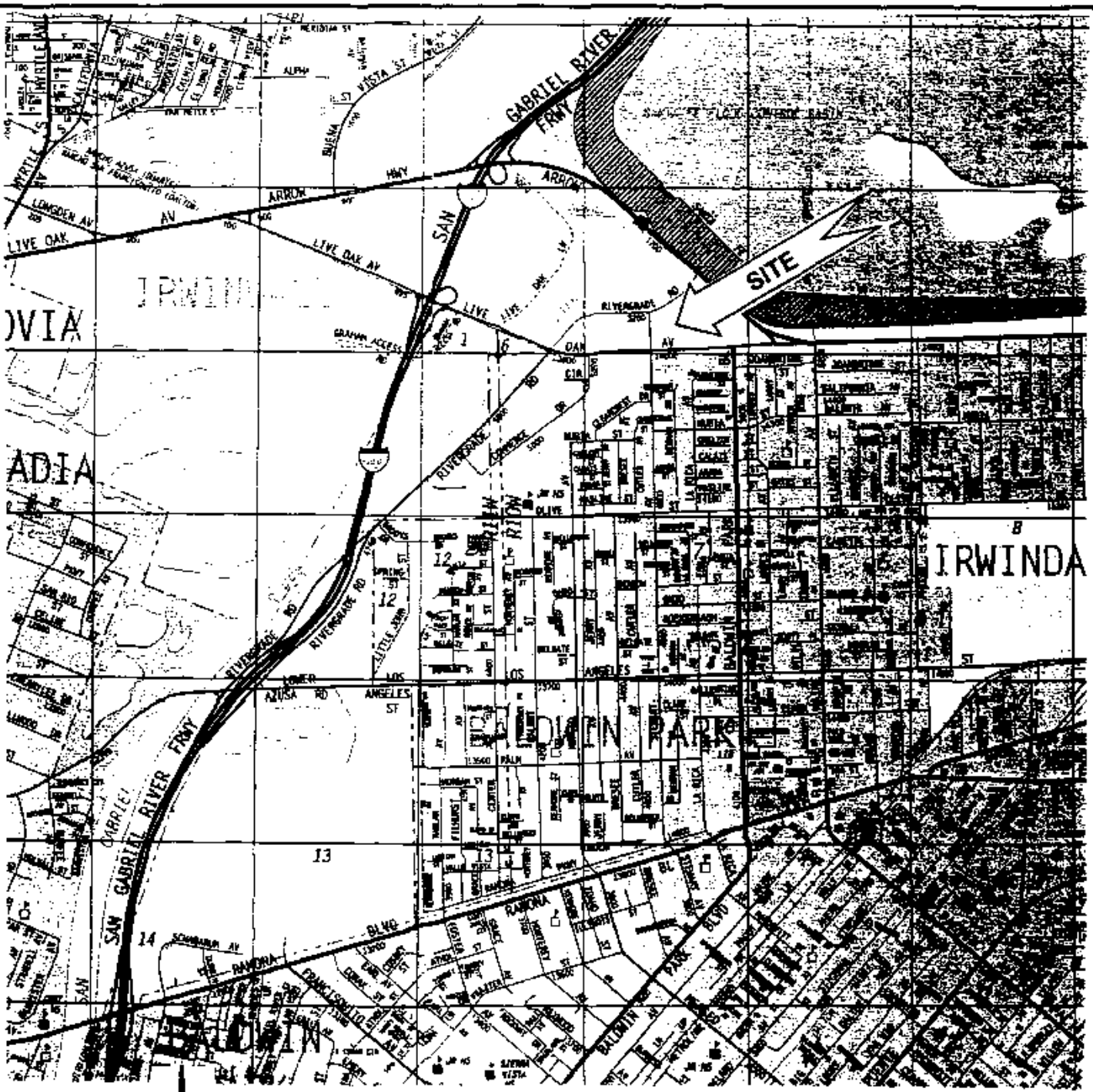
TABLE 1
SUMMARY OF ANALYTICAL RESULTS
Former Hughes Market Facility
Irwindale, California

Boring Number	Depth (ft bgs)	Depth (ft bgs)	OVM (ppmv)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
SB-1	23	20	15.2	ND	ND	ND	ND	ND	ND	5.42
SB-2	40	24	2.8	ND	ND	ND	ND	ND	ND	--
		36	2.1	ND	ND	ND	ND	ND	ND	3.1
SB-3	11	8	1.6	ND	ND	ND	ND	ND	ND	--
SB-4	36	8	1.5	ND	ND	ND	ND	ND	ND	--
		24	1.5	ND	ND	ND	ND	ND	ND	--
		32	14.3	ND	ND	ND	ND	ND	ND	1.35
SB-5	14	8	22.4	ND	ND	ND	ND	ND	ND	--

Notes/Explanation:

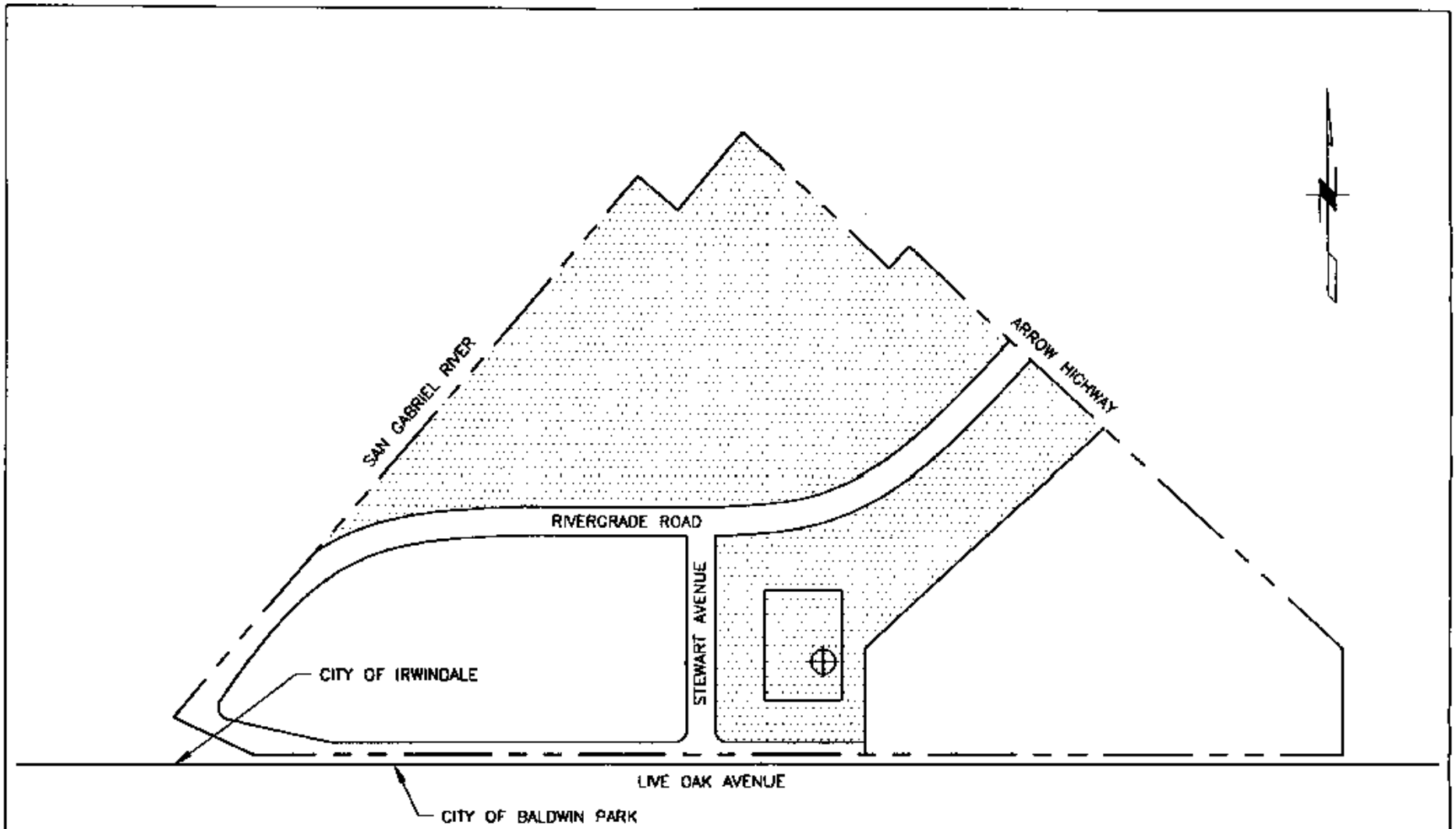
1. ft bgs = feet below ground surface
2. ppmv = parts per million by volume
3. mg/kg = milligrams per kilogram
4. TPH = Total Petroleum Hydrocarbons
5. MTBE = Methyl Tertiary Butyl Ether
6. OVM = Organic Vapor Monitor

FIGURES



SITE LOCATION MAP

Project No: 25437-161-149	Date: JULY 2000	Project: HUGHES MARKETS	Figure: 1



LEGEND

PARCELS OWNED BY HUGHES MARKETS

APPROXIMATE LOCATION OF FORMER USTs AND DISPENSER ISLAND AREA

0 200' 400' 800'

SCALE: 1"=400'

URS Corporation

FORMER HUGHES MARKETS FACILITY SITE LAYOUT MAP

Proj. No.: 25437-161-149 | Date: JULY, 2000

Project: HUGHES MARKETS | CAD ID.:

Figure: FIG. 2

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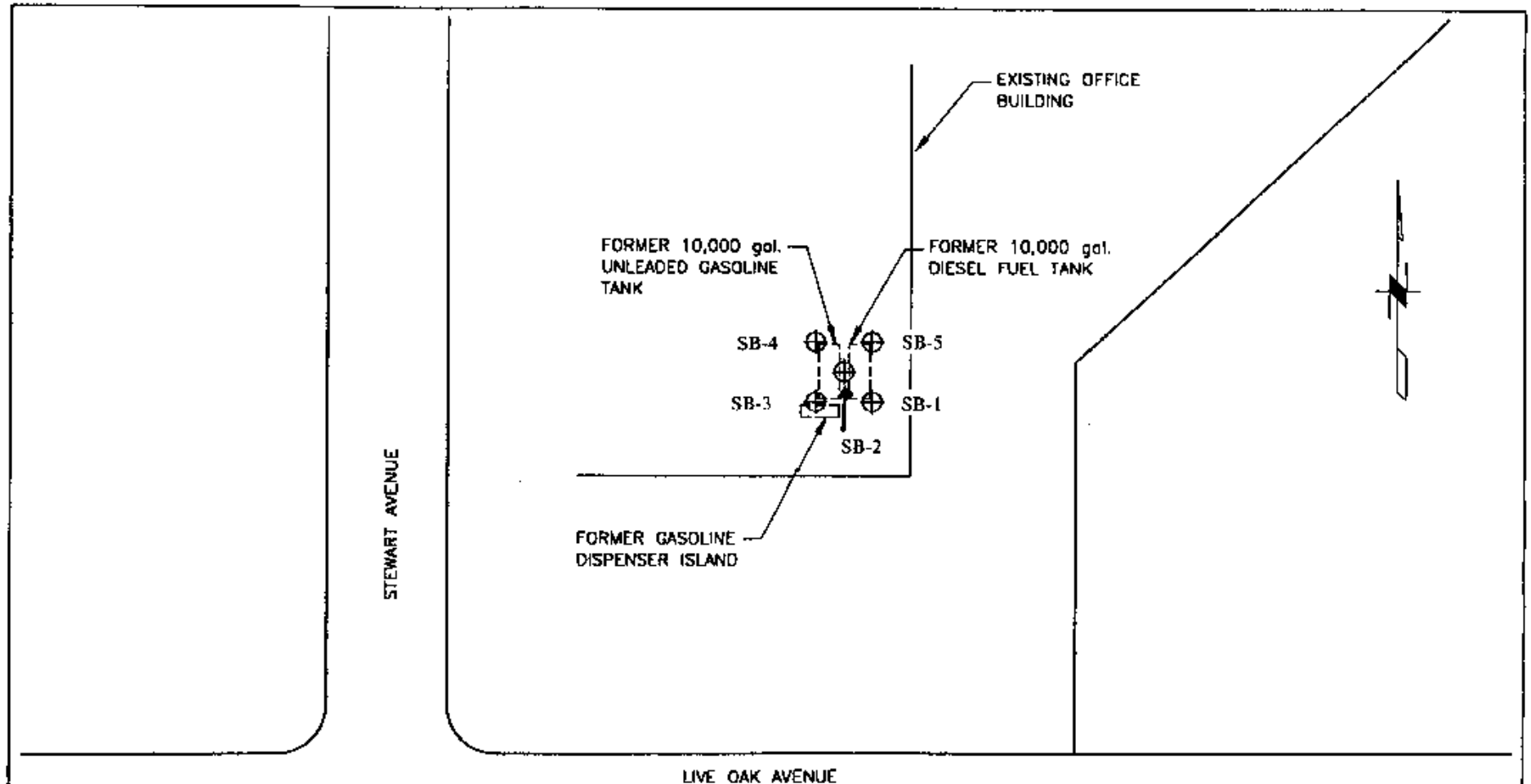

LEGEND

⊕ APPROXIMATE LOCATION OF PROPOSED BORINGS

0 50' 100' 200'

SCALE: 1"=100'

URS Corporation

FORMER HUGHES MARKETS FACILITY
BORING LOCATION MAP

Proj. No.: 25437-161-149	Date: JULY, 2000
Project: HUGHES MARKETS	CAD ID.:
	Figure: FIG. 3

J:\projects\Hughes Markets\fig3.dwg Fri Aug 04 13:59:45 2000

APPENDIX A

SOIL BORING INVESTIGATION WORK PLAN FOR THE FORMER HUGHES MARKET FACILITY

WORK PLAN

SOIL BORING INVESTIGATION WORK PLAN FOR THE FORMER HUGHES MARKET FACILITY

14041 LIVE OAK AVENUE IRWINDALE, CALIFORNIA

Prepared for
TA Realty Associates

URS/D&M Project No. 25437-160-149

8/10/00

URS

2020 East First St., Suite 400
Santa Ana, CA 92705
(714) 835-6886 Fax: (714) 667-7147

August 10, 2000

Mr. Iheanacho Ofo
County of Los Angeles
Department of Public Works
Environmental Programs Division
900 South Fremont Avenue, Annex 3rd Floor
Alhambra, CA 91803-1331

Re: Work Plan and Check Submittal for
Voluntary Cleanup Oversight
UST Closure Investigation
Irwindale Office Building
14005 Live Oak Avenue
Irwindale, California
URS/D&M Job No. 25437-160-149

Dear Mr. Ofo:

Please find attached, a Work Plan for a Soil Boring Investigation, and a check amounting to $535 ($401 "initial fee" and $135 one hour "maximum billed oversight fee") for entering into the Voluntary Cleanup Oversight program. These submittals are being made pursuant to our August 2, 2000 meeting at your office.

As you are aware, URS Corporation (formerly as Dames & Moore) is performing a Phase I Environmental Site Assessment for TA Realty Associates as part of a "due diligence" evaluation prior to property sale and title transfer. The current property owner contact is as follows:

Mr. Tab Harrison
Director of Environmental Affairs
Ralphs Grocery Company
P.O. Box 54143
Los Angeles, CA 90054
Phone: (310) 884-4083
FAX: (310) 884-2508

The objective of the upcoming soil boring investigation described in the attached work plan is to further investigate subsurface soil conditions and evaluate whether product from former underground storage tanks (USTs) had impacted deeper soil horizons beneath the site. It should be noted that, per our earlier discussions, this phase of work is being performed as part of a "due diligence" investigation for the property sale and title transfer and, as such, is proceeding without regulatory overview of the attached work plan. The scope of work, however, is intended to

fulfill guidelines presented by the Los Angeles County Department of Public Works (LACDPW) for a UST Site Assessment Plan with the objective of LACDPW providing regulatory oversight for UST closure. It should also be noted that the scope of work includes recent revisions that incorporate your suggestions made during our August 2, 2000 meeting.

We look forward to working with you on this project. Please feel free to contact me at (714) 433-7694 if you have any questions or comments.

Respectfully Submitted,

URS Corporation

Taras B. Kruk, R.G., C.HG.
Senior Geologist

w/Attach.

cc: Mr. Jim Buckingham, TA Realty Associates
Mr. Tab Harrison, Ralphs Grocery Company
Mr. Jeff Darling, URS Corporation/KS

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A TASK CLOSURE REPORT (Dated December 20, 1991)

URS Corporation (URS) has been retained on behalf of TA Realty Associates and Ralphs Grocery Company to conduct a subsurface investigation at the former Hughes Market facility located at 14041 Live Oak Avenue. The proposed activities associated with this investigation are outlined below in this work plan. The activities are based on the results of an ongoing Phase I Environmental Site Assessment being conducted for the site as part of a "due diligence" evaluation prior to property sale and title transfer. The current property owner contact is identified as Mr. Tab Harrison of Ralphs Groceries. Mr. Harrison may be contacted by telephone at (310) 884-4083.

1.1 BACKGROUND

In 1991, URS was retained by Mission-Koll to decommission two 10,000-gallon steel underground storage tanks (USTs) at the former United Concrete Pipe (UCP) facility in Irwindale, California. The USTs consisted of a steel unleaded gasoline tank and a double-walled fiberglass diesel fuel tank. The tanks were removed in April 1991 under Closure Permit No. 7963B issued by the Los Angeles County Department of Public Works (LACDPW). A closure report was submitted to the LACDPW on December 20, 1991. A copy of the closure report (Woodward-Clyde Consultants, Tank Closure Report, December 20, 1991) can be found in Appendix A. LACDPW responded to the closure report with a letter dated March 1995 requesting additional sampling. There is no indication that the former owner has ever responded to this letter, or that a follow-up investigation was ever competed.

Hughes Markets acquired a portion of the property from Mission Koll and subsequently developed the property as a business office facility. A two-story office building was constructed over the location of the former USTs. Currently the office building is unoccupied pending sale of the property.

In July 2000, URS personnel met with Mr. Iheanacho Ofo of LACDPW to discuss the specific steps necessary to close the former USTs. In accordance with LACDPW guidelines, Mr. Ofo stated that further soil investigation including sampling for methyl-tertiary-butyl ether (MTBE) must be conducted before closure would be granted. The guidelines require five borings around the former UST cluster to depths of 40 feet below ground surface (bgs) (25 feet below the base of the UST invert) to assess the condition of the subsurface soil. Mr. Ofo stated that if no impacts from petroleum hydrocarbons were detected in the soil beneath the former tanks then LACDPW would consider granting UST closure.

1.2 OBJECTIVES

The objective of the investigation described in this work plan is to further investigate subsurface soil conditions to evaluate whether product from former USTs had impacted deeper soil horizons beneath the site. It should be noted that this phase of work is being performed as part of a "due diligence" investigation for a property sale and title transfer and, as such, is proceeding without regulatory overview of this work plan. The scope of work, however, is intended to fulfill guidelines presented by the LACDPW for a UST Site Assessment Plan with the objective of LACDPW to provide regulatory oversight for UST closure.

1.3 APPROACH

URS has proposed the following approach to meet the objective of the investigation:

- Perform tasks necessary to initiate field investigation
- Advance five soil borings to 40 bgs in the location of the former gasoline dispenser island and USTs to collect additional soil samples for analytical testing.
- Submit collected soil for appropriate analytical tests.
- Prepare a report describing the field activities and results of laboratory analyses.

1.4 SCOPE OF WORK

The scope of work necessary to meet the objective and approach of the investigation are outlined below, and described in detail in Sections 3 and 4.

1.4.1 Task 1: Preparation for Field Investigation Activities

Prior to conducting the subsurface investigation, URS will perform the following activities:

- Prepare/update the site-specific health and safety plan (HASP) for this phase of work.
- Notify Underground Service Alert of proposed investigation.
- Select construction, geophysics, concrete coring, drilling and analytical laboratory subcontractors.

1.4.2 Task 2: Field-Investigation Activities

The subsurface field investigation will include the following activities:

- Conduct site geophysical survey to verify utility clearances before beginning intrusive investigations.
- Supervise removal and re-construction of interior room walls by licensed contractor in order to provide access for drilling operations.
- Complete five hollow-stem auger borings to be advanced to 40 feet bgs.
- Collect soil samples at 5-foot intervals from the vadose zone during drilling of borings for soil classification, total organic vapor headspace measurements, and chemical analysis.
- Analyze the soil samples for total petroleum hydrocarbons (TPH - full carbon chain); benzene, toluene, ethylbenzene, and xylenes (BTEX); MTBE; and lead.

1.4.3 Task 3: Report Preparation

Following the field activities, URS will prepare a summary report with the investigation results and recommendations. In accordance with LACDPW guidelines, the report will include the following:

- Site information
- Facility maps
- Geology/Hydrogeology
- Boring logs
- Field sampling procedures
- Chain-of-custody records
- Laboratory results
- Waste management documentation
- Subsurface plume illustrations
- Conclusions and recommendations
- References

2.1 SITE DESCRIPTION

The former Hughes Market facility is located at 14005 East Live Oaks Avenue in Irwindale, California (Figure 1). The site was formerly part of a larger 74-acre parcel (14041 East live Oak Avenue) that was owned and occupied by United Concrete Pipe (UCP). Ralphs Markets acquired Hughes Markets and the property is now considered excess and is in the process of being sold.

The property is located east of the San Gabriel River Channel and south of the Santa Fe Dam. Rivergrade Road borders the subject property to the north-northwest, to the northeast by Arrow Highway, a vacant lot to the east and south by Live Oak Avenue (Figure 2). The property is developed with a 2-story vacant office building, asphalt parking lots, concrete sidewalks, and landscaped with grass, shrubs and trees.

2.1 GEOLOGY AND HYDROGEOLOGY

The site is situated in the north-central portion of the San Gabriel Valley Groundwater Basin, overlying fresh water-bearing deposits of that basin. The basin is an elongated, alluvium-filled valley extending from the central part of Los Angeles County almost to its eastern boundary. The valley is approximately 14 miles wide, and is bordered to the north by the San Gabriel Mountains and to the south by the Repetto, Puente, and the San Jose Hills. A topographic divide marks the eastern boundary of the basin, and the Raymond fault serves as the northwestern boundary. The surface area of the valley floor is approximately 100,000 acres.

Average annual precipitation in the site vicinity is approximately 14 inches, although rainfall to the north in the San Gabriel Mountains exceeds 35 inches annually. Because these mountains are composed primarily of non-water-bearing rock, local precipitation from the mountains runs off through the San Gabriel Canyon, providing sources of recharge to the water-bearing deposits underlying the valley floor in the vicinity of the site. The region's groundwater gradient from the mouth of the San Gabriel River is to the south and west.

The principal drainage in the area is the San Gabriel River, located west of the site. The riverbanks are lined with concrete. The river bottom consists of native alluvial sand and gravel deposits.

The surface deposits in the site are recent alluvium deposited in the San Gabriel River flood plain. These deposits overlie older alluvium. The central portion of the San Gabriel Valley Groundwater Basin has water-bearing deposits averaging about 1,000 feet in thickness. The

alluvium that comprises the water-bearing materials in the site vicinity consists of randomly sorted, subrounded to well-rounded, course-grained deposits derived from the San Gabriel Mountains to the north. The deposits range in size from silts to 4-foot diameter boulders. The alluvium generally consists of course sands and gravel, with occasional lenses of finer-grained material deposited during low-flow cycles.

The coarseness of the sands and gravel in the alluvial deposits makes these deposits very efficient aquifers. Horizontal permeability of the deposits range from about 100 to 500 gallons per day per square foot. Vertical permeability is generally an order of magnitude lower than the horizontal values.

Ground water levels in the vicinity of the site fluctuate greatly depending on the frequency and quantity of the precipitation. The existence of a perched water-bearing zone above the primary ground water basin at the site is unlikely, due to the coarse-grained nature of the soil.

2.2 SUMMARY OF PREVIOUS SITE INVESTIGATIONS

URS (formerly Woodward-Clyde) conducted a previous field investigation that consisted of the removal of two USTs at 14041 East Live Oaks Avenue in Irwindale, California. The field investigation was conducted on April 23, 1991. The two tanks consisted of a 10,000-gallon steel (unleaded) gasoline tank and a 10,000-gallon double-walled fiberglass diesel tank. A copy of the tank removal report can be found in Appendix A.

URS personnel documented the removal of the tanks and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. Soil samples were taken beneath the tanks at an approximate depth of 15 feet bgs as specified by the removal permit. Soil samples collected beneath the gasoline tank were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015 Modified and the samples collected beneath the diesel tank were analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH) by EPA Method 418.1.

The analytical results revealed non-detect concentrations of TPHg in samples collected beneath the unleaded gasoline tank. One sample collected beneath the north end of the diesel tank contained 186 milligrams per kilogram (mg/kg) of TRPH. Additional samples were then collected beneath the diesel tank to assess the magnitude and extent of the TRPH. On May 3, 1991, samples were collected at the same location the TRPH was detected but at greater depths (20 and 25 feet) below grade. The samples taken were non-detect for TRPH but showed low levels of toluene, xylenes, and ethylbenzenes.

On May 4, 1991, four additional samples were collected near the area were the original TRPH was detected. All samples were non-detect except for one sample that contained 2 micrograms per kilogram (ug/kg) of toluene. The soil removed beneath the tank for soil collection was stockpiled and later moved to another location on site in case further treatment was deemed necessary. The stockpiled soil was reported to show no sign of discoloration.

This section presents a discussion of pre-field activities to be conducted prior to beginning field investigation activities described in Section 4.0.

3.1 HEALTH AND SAFETY PLAN

A site-specific HASP will be prepared by URS prior to conducting field activities at the site. The HASP will describe specific health and safety requirements and guidelines for the proposed activities. In addition, URS employees and subcontractor employees assigned to the project will attend a tailgate safety meeting given by the Site Safety Officer each day that field activities are performed.

3.2 UNDERGROUND UTILITY SURVEY

Underground Service Alert will be notified at least 48 hours in advance of the proposed drilling activities. In addition, a geophysical survey will be conducted prior to performing subsurface work in order to identify the presence of potential utilities or underground structures. Four potential methods may be used: magnetic; electromagnetic; ground penetrating radar (GPR); or electromagnetic line location. Magnetics and electromagnetics are used to identify underground tanks, drums and conduits. These features are detected due the ferrous and electrically conductive material of their construction. GPR is used as a follow up technology to characterize identified magnetic or electromagnetic anomalies.

An area within an approximate 10-foot radius around the boring location will be surveyed. Once a proposed boring location is surveyed and cleared of utilities, the location will be remarked to denote clearance for drilling. If utilities are detected within the surveyed area, marking in paint on the ground will denote type of utility detected (e.g., electrical conduits) and the approximate location.

3.3 CONSTRUCTION ACTIVITY

Prior to initiating drilling activities a general contractor will remove appropriate building walls to provide access to for the drilling equipment to access the boring locations. URS will direct the contractor to the wall sections to be removed. Following completion of drilling activities the walls and utilities removed will be restored to original specifications.

This section presents a description of field activities to be performed during the site investigation.

4.1 SOIL BORING ADVANCEMENT

At each boring location, a concrete coring device equipped with a diamond-tipped circular concrete corer will be used to advance through the concrete surface.

Five borings (SB-1 through SB-5) will be advanced to a depth of 40 feet bgs or until refusal is met. The borings will be located in the area of the former dispenser island and USTs (Figure 3). Drilling of the borings will be performed using a hollow stem auger, limited space drilling rig with 6-inch outside diameter continuous-flight augers. Prior to drilling, boring locations will be hand-augured to approximately 5 feet bgs to verify that there are no underground utilities.

Soil samples will be collected at approximately 4-foot intervals beginning at 4-feet bgs and continuing to 40 feet bgs. The soil samples will be collected using a modified California split-spoon sampler, fitted with three brass liners. The sampler will be driven 18 inches (or to refusal) into undisturbed ground, by repeatedly dropping a 140-pound hammer from 30 inches above the sampler. The number of blows required to drive the sampler each 6 inches will be recorded. Refusal will be defined as requiring 50 hammer blows to advance the sampler 6 inches or less.

Soil samples will be used for measurement of head space volatile organic compound (VOC) concentration, describing the soil in accordance with the Unified Soil Classification System (USCS), and for chemical analysis (if selected).

Soil from the middle and top brass liners will be placed in a resealable plastic bag for approximately 15 minutes to allow VOCs in the soil to volatilize. The soil vapor will then be measured by inserting an organic vapor analyzer (OVA) or photoionization detector (PID) probe into the plastic bag. Background VOCs will be measured prior to each measurement. The organic vapor monitoring results will be recorded on boring logs.

The soil samples will be visually examined, described and classified in general accordance with the USCS. Soil descriptions will be recorded on the boring logs with other pertinent drilling notes.

The bottom brass liner from each sample interval will be sealed and capped, labeled, and stored in a chilled cooler for delivery to the laboratory.

A Registered Geologist or Professional Engineer experienced in environmental drilling and sampling will perform oversight of the drilling and sampling program. Boring logs will be prepared in accordance with the URS standard format for environmental drilling. At a minimum, boring logs shall contain geologic descriptions (USCS) of soil strata, depth to groundwater if encountered, depth to free product if present, sample identification numbers, blow counts, and OVA readings for headspace analyses. A Registered Geologist will review the boring logs.

During drilling activities, soil cuttings will be shoveled into 55-gallon drums. The drums will be labeled, identifying borings and depth intervals, and properly sealed or secured. Following a review of analytical soil tests the soil cuttings will be disposed at an appropriate licensed facility.

4.2 SOIL ANALYSIS

All soil samples collected from the borings will be submitted to Calscience Environmental Laboratories, Inc. (Calscience) in Garden Grove, California for analytical analyses. Soil samples collected 8, 16, 24, 32 and 40 feet will be analyzed for TPH analysis by EPA Method 8015-Modified for carbon chain to C44 and BTEX/MTBE using EPA Method 8020. Soil samples collected at 32 and 40 feet will be additionally analyzed for lead by EPA Method 6010B. Samples not selected for analysis (4, 12, 20, 28 and 36 feet) will be held by the laboratory in the event additional analysis is needed to confirm a "clean" zone beneath the former USTs. Samples showing detectable concentrations of MTBE will be confirmed by EPA Method 8260. All samples sent to the laboratory will be sealed, labeled, stored in a chilled cooler and submitted in accordance with EPA chain-of-custody field procedures. Soil samples will be analyzed by Calscience on a 24-hour turn around time. It should be noted that samples collected will not be analyzed for TRPH by EPA Method 418.1 since the former USTs did not contain motor oil.

4.3 DECONTAMINATION PROCEDURES

Drill rigs and augers will be decontaminated by steam cleaning at the drilling company's maintenance facility prior to arriving at the site. The drilling company will provide enough clean equipment for each day of drilling and sampling. They will also provide a mobile steam cleaner for field decontamination of augers, and other large equipment used for drilling and/or sampling. Only properly decontaminated equipment approved by URS Greiner Woodward Clyde onsite personnel will be used for drilling and sampling.

The field decontamination process for smaller (non-disposable) soil sampling equipment (i.e., split spoon sampler), will consist of wiping the equipment of excess soil, washing in a solution of

non-phosphate detergent (Liquinox), and rinsing with deionized water. The equipment will be cleaned prior to use, between each sample collection, and prior to leaving the site. All decontamination liquid and soil cuttings generated from drilling operations will be stored in 55-gallon Department of Transportation (DOT) approved drums, labeled, and properly sealed or secured. URS will stage the drums in an appropriate designated area for disposal.

4.4 QUALITY ASSURANCE SAMPLES

Laboratory QA/QC samples will be analyzed to identify the precision and accuracy of the laboratory measurements. Laboratory QA/QC samples consist of method blanks and matrix spike/matrix spike duplicates (MS/MSD) that are run daily as part of the laboratory's QA/QC plan. The purpose of the method blank samples is to evaluate the potential for introduction (during laboratory sample handling) of an analyte into a sample extract that is not present at detectable levels in the sample matrix. The purpose of the MS/MSD samples is to evaluate the effects of the sample matrix on the measurement methodology.

4.5 SAMPLE DOCUMENTATION AND TRACKING

Documentation of observations and data acquired in the field will provide information on the acquisition of samples and also provide a permanent record of field activities. The observations and data will be recorded with indelible ink in a permanently bound weatherproof field book with consecutively numbered pages and, if applicable, on field sampling data sheets.

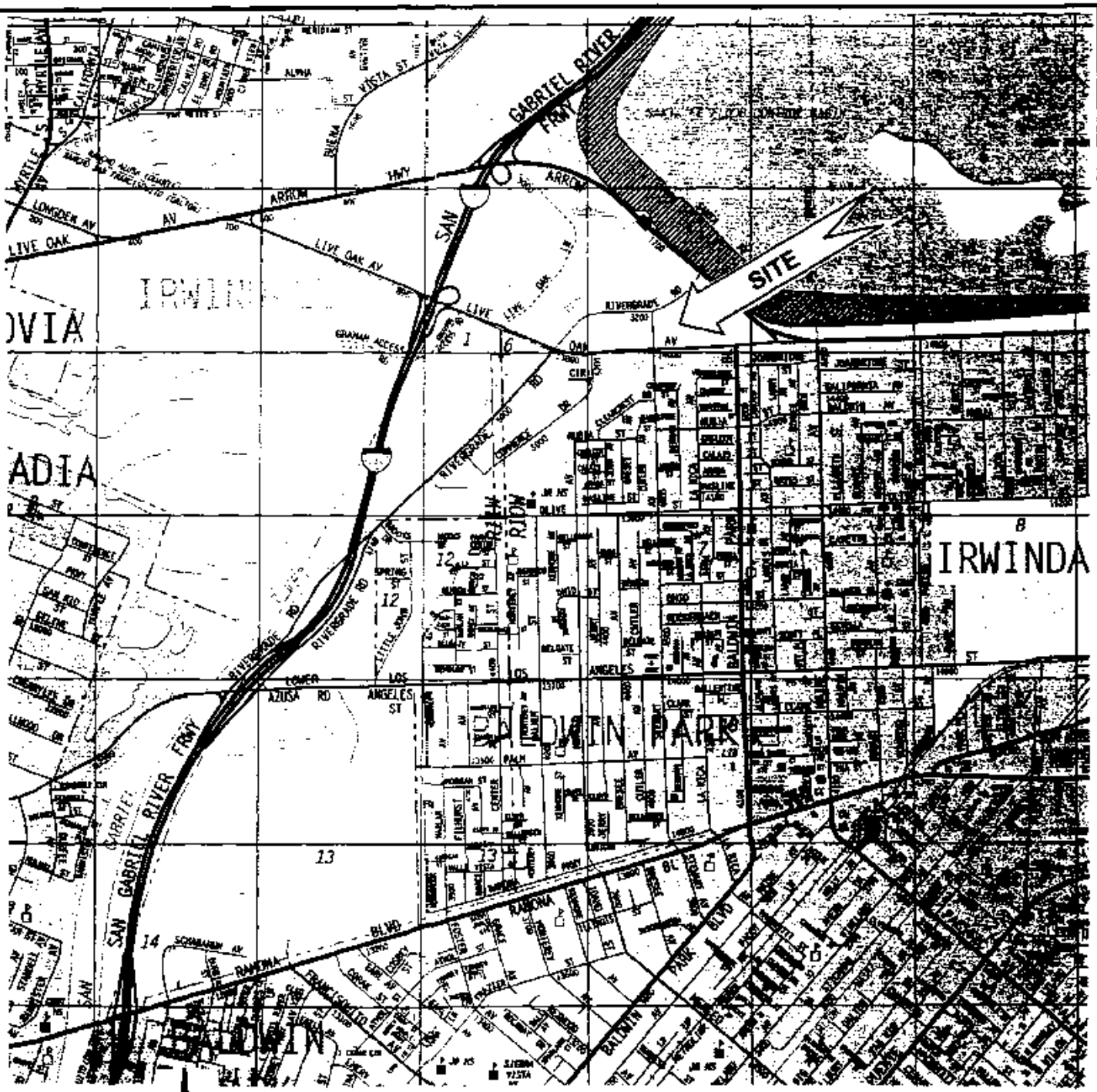
The information in the field book will include the following as a minimum.

- Project name
- Location of sample
- Sampler's signature
- Date and time of sample collection
- Sample identification numbers and sample depth (if applicable)
- Description of samples (matrix sampled)
- Analysis to be performed
- Number and volume of samples
- Description of QA/QC samples (if collected)
- Sample methods

- Sample handling
- Field observations
- Personnel and equipment present

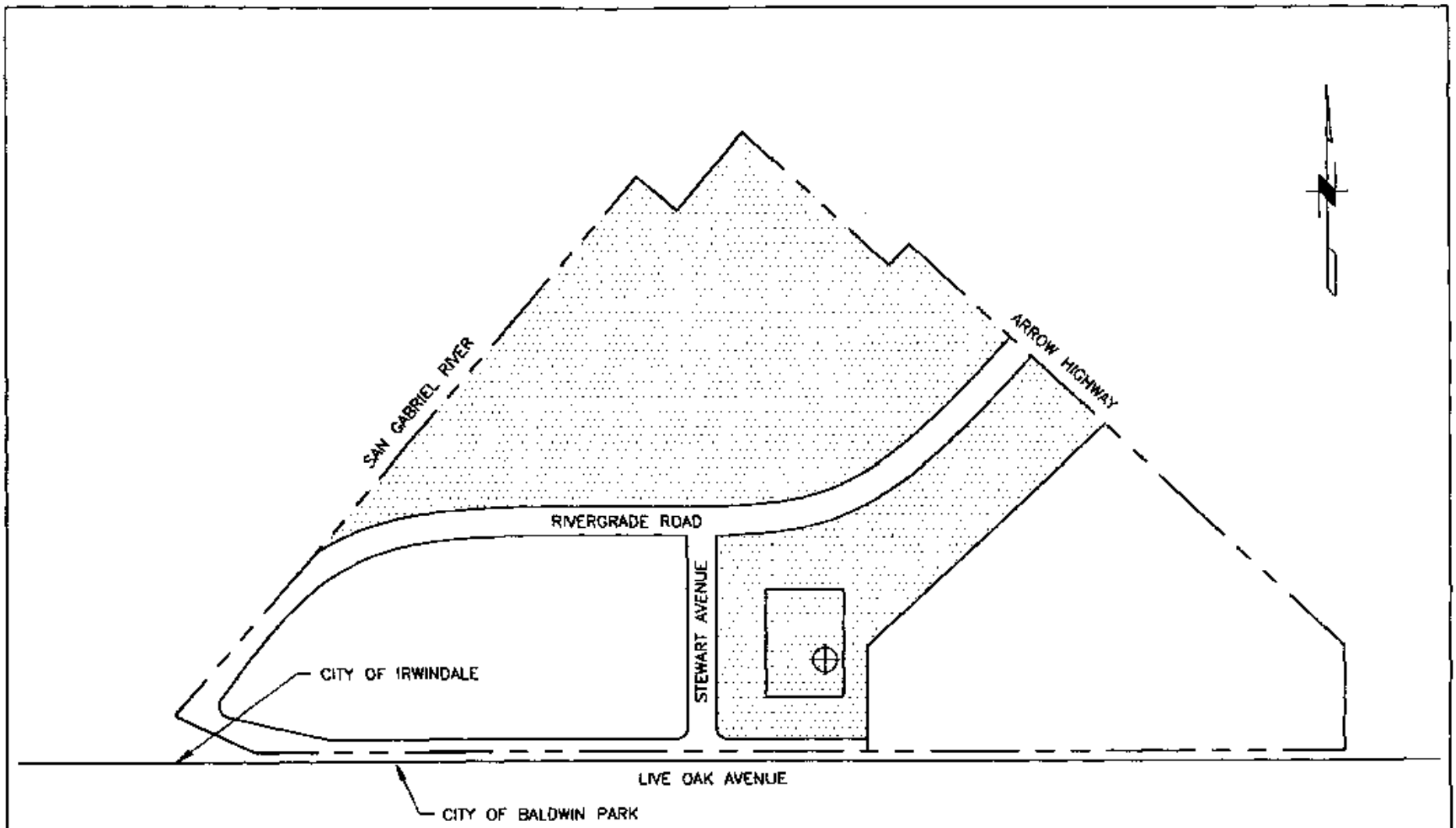
Changes or deletions in the field book should be lined out with a single strike mark, initialed and dated by person making change, and remain legible. Sufficient information should be recorded to allow the sampling event to be reconstructed without relying on the collector's memory.

URS will prepare a report of investigation following completion of field activities and laboratory analyses. The report will include a description of field activities, a summary of laboratory results in text and tabular format, conclusions and recommendations, site figures, boring logs, laboratory reports and chain-of-custody documentation, and QA/QC documentation.



SITE LOCATION MAP

Project No.: 25437-161-149	Date: JULY 2000	Project: HUGHES MARKETS	Figure: 1



LEGEND

PARCELS OWNED BY HUGHES MARKETS

APPROXIMATE LOCATION OF FORMER USTs AND DISPENSER ISLAND AREA

0 200' 400' 800'

SCALE: 1"=400'

URS Corporation

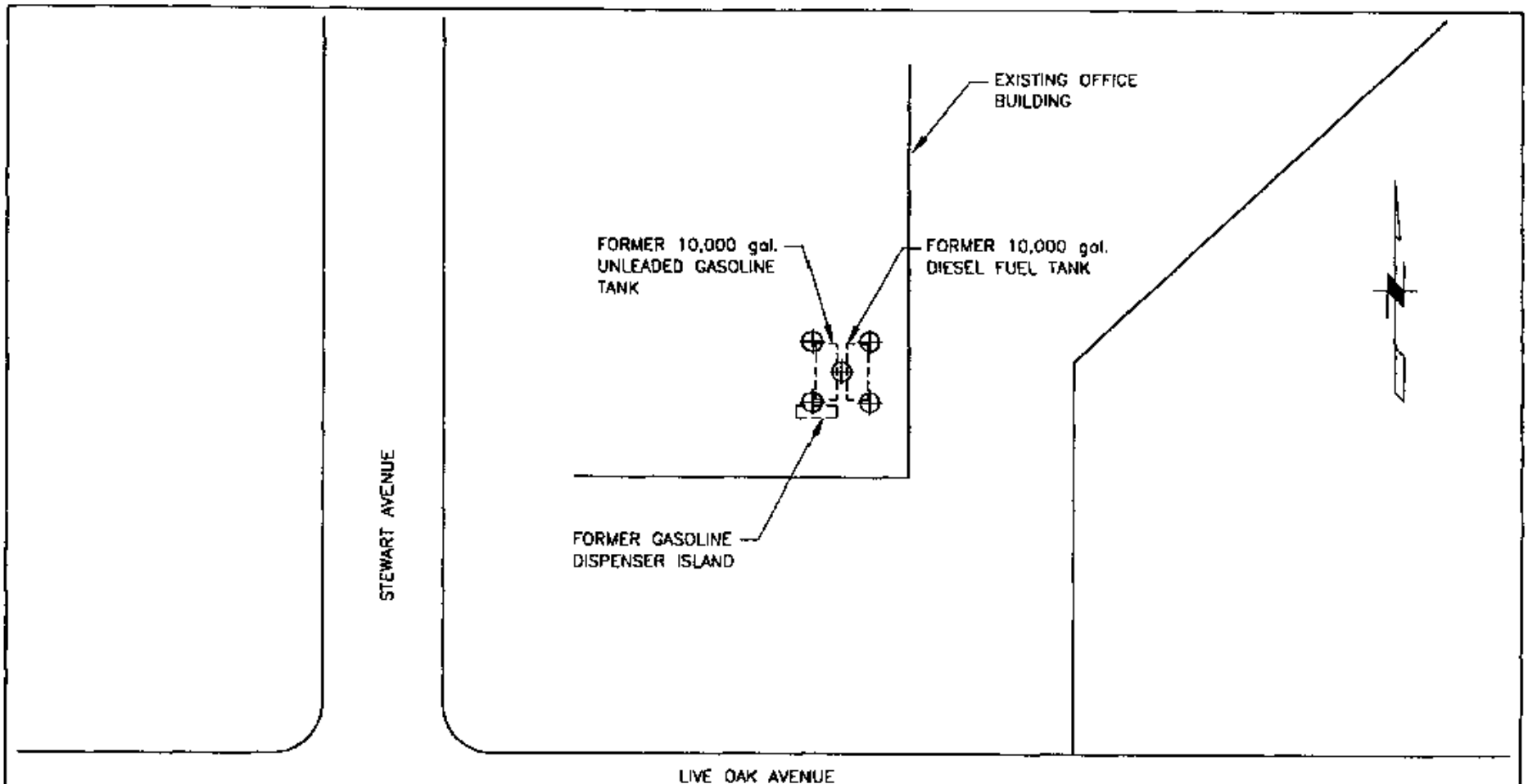
FORMER HUGHES MARKETS FACILITY SITE LAYOUT MAP

Proj. No.: 25437-161-149 | Date: JULY, 2000

Project: HUGHES MARKETS | CAD ID.:

Figure: FIG. 2

J:\projects\Hughes Markets\fig2.dwg Mon Aug 07 14:49:04 2000



LEGEND

⊕ APPROXIMATE LOCATION OF PROPOSED BORINGS

0 50' 100' 200'

SCALE: 1"=100'

URS Corporation

FORMER HUGHES MARKETS FACILITY
BORING LOCATION MAP

Proj. No.: 25437-161-149	Date: JULY, 2000
Project: HUGHES MARKETS	CAD ID.:
	Figure: FIG. 3

J:\projects\Hughes Markets\fig3.dwg Fri Aug 04 13:59:45 2000

2020 East First Street
Suite 400
Santa Ana CA 92705
(714) 835-6886
(213) 581-7164
Fax (714) 667-7147

Woodward-Clyde Consultants

December 20, 1991
Project No. 904W217A

Los Angeles County Department of Public Works
900 South Fremont
Alhambra, California 91802

Atten: Waste Management Division

SUBJECT: TANK CLOSURE REPORT
FILE NUMBER 593, PERMIT NUMBER 7963

Dear Mr. Sjoberg,

On behalf of Mission-Koll I (Koll), Woodward-Clyde Consultants (Woodward-Clyde) is submitting this report regarding the removal of two underground storage tanks at 14041 East Live Oaks Avenue, Irwindale, California (Figure 1). This report addresses the items listed in the Los Angeles County Department of Public Works closure report checklist (Attachment A). The two tanks consisted of a 10,000 gallon steel (unleaded) gasoline tank and a 10,000 gallon double-walled fiberglass diesel tank. Figure 2 shows the locations of the tanks.

The tanks were removed on April 23, 1991 in accordance with conditions specified in permit number 7963, file number 593. The general contractor for the removal was J. D. Edwards at 11711 Clark Street, Unit 110, Arcadia, California 91006. They employed the following additional subcontractors:

- Nieto & Sons Trucking, Inc., Brea, California
  (cleaned tanks and hauled and disposed of liquid waste)
- CTL Environmental Services, Harbor City, California
  (Certified Industrial Hygienist)
- Western Tank Testing, 22911 Savi Ranch Parkway, Yorba Linda, California (Degassed fuel tank)

Woodward-Clyde personnel documented the removal of the tank and collected soil samples to evaluate whether the soil under the tanks had been impacted by petroleum hydrocarbons. During the tank removal activities, the air in and around the tank excavation was monitored for volatile organics with an organic vapor analyzer (OVA). Most of the readings were near background (1.5 ppm) with two exceptions. Two readings were taken when a gasoline odor was noticed that registered > 100 ppm. These readings were obtained prior to tank de-gassing and seemed to be due to wind blowing

the vapors from the tanks. The tanks were pumped, de-gassed and certified "clean" by a certified industrial hygienist, and were then transported to American Metal Recycling, Inc. 2202 South Milliken Avenue, Ontario, California for disposal. Documentation of the removal, certification, and proper disposal of the tanks is included in Attachment B.

Soil samples were collected beneath the ends of the tanks (at an approximate depth of 15 feet below grade) as specified in the removal permit. The samples were collected by using a backhoe to excavate soil from the desired depth, and then collecting a sample from the bucket of the backhoe, using a spatula. The samples were grab samples (no borings were drilled), and were collected within one half hour after the tanks were removed (between 2:15 and 2:45 pm). They were stored on ice and transported with chain-of-custody documentation to West Coast Analytical Services, Inc. for analysis for total petroleum hydrocarbons (TPH) and for volatile aromatic hydrocarbons by EPA Method 8020. The samples from beneath the gasoline tank were analyzed for TPH by EPA Method 8015 (modified), and the samples from beneath the diesel tank were analyzed for TPH by EPA Method 418.1. Laboratory reports and chain-of custody forms are included in Attachment C.

The analytical results revealed non-detect concentrations of TPH for all samples except for sample 1B, collected beneath the north end of the diesel tank, which contained 186 mg/kg of TPH. Low concentrations of toluene, ethylbenzene and xylenes were detected in three of the four samples. These compounds were also detected in similar concentrations in the lab blanks, indicating that their presence was due to laboratory contamination.

Given the detection of TPH beneath the north end of the diesel tank, Woodward-Clyde personnel collected additional samples to assess the magnitude and extent of the TPH. On May 3 1991, samples were collected at the same location as sample 1B, but at greater depths (20 and 25 feet) below grade. These samples were collected as described above, and were transported with accompanying chain-of-custody documentation to West Coast Analytical Service, Inc. for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. Both samples were non-detect for TPH. Low levels of toluene and xylenes were detected in the samples as well as in the lab blank, and 2 ug/kg of ethylbenzene was detected in sample T-20B.

On May 9 1991, four additional samples were collected. Samples 1B-N1, 1B-S1, 1B-W1 and 1B-E1 were collected 2 to 5 feet north, south, west and east, respectively, of the original sample 1B. These samples were collected as described above, and were transported with accompanying chain-of-custody documentation to West Coast Analytical Service for analysis for TPH by EPA Method 418.1, and for volatile aromatic hydrocarbons by EPA Method 8020. All of the samples were non-detect for the target compounds with the exception of sample 1B-W1 which contained 2 ug/kg of toluene.

The soil that was removed beneath the north end of the diesel tank for sample collection was stockpiled near the tank excavation. On May 15 1991, when the excavation was backfilled, this soil was transported to another location on the site in case further treatment was deemed necessary. This soil had no odor or discoloration.

CERTIFICATION

I have reviewed this report and declare that the information included herein is true and accurate and complete to the best of my knowledge.

Signature _____

Dennis E. Jensen
Senior Project Geologist



Attachments

b:\s\ucp\closure.t2

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
9211 Oakdale Avenue
Chatsworth, California 91311

Jared Blumenfeld
Secretary for
Environmental Protection

Gavin Newsom
Governor

December 15, 2021

Stephanie T. Eckelman
Ramboll
SEckelman@ramboll.com

Public Records Request Number: PR3-120221-07

Location: 14041 E. Live Oak Ave., Irwindale CA 91706

Dear Ms. Eckelman:

On December 2, 2021, the Department of Toxic Substances Control (DTSC) received your email of the same date requesting records under the Public Records Act. DTSC Chatsworth has identified site records responsive, has scanned them to two PDFs and has attached them to the email that accompanies this response letter. The records on the PDFs – with two exceptions – represent our complete file on this site. The exceptions are:

- A preliminary draft of DTSC's June 13, 1990, letter – with PEA Review Comments – to Alistaire Callender of Woodward-Clyde Consultants. See pages 33-35 of the smaller PDF. (As it turned out, those three pages are word-for word copies of the draft.)
- A Preliminary Endangerment Assessment checklist used by DTSC to prepare the documents described above. Each page of this checklist was footnoted 'Draft 12/22/89'.

Since both of the above are DTSC-originated drafts, they fall under item (1) of the footnote at the end of this letter and must be withheld.

DTSC's Hazardous Waste Tracking System (HWTS) may also have records that pertain to this request. This unit tracks toxic waste generators, transporters (manifests), and disposal facilities. If you are interested in this type of information, it can be identified by accessing the HWTS database at http://hwts.dtsc.ca.gov. If you are interested in

retrieving detailed reports, additional charges may apply. Please contact the HWTS unit by email at hwtsreports@dtsc.ca.gov or by phone at (800) 618-6942 for further information. For copies of manifests, please send an email to mcr@dtsc.ca.gov.

Many of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSC's data management system. It tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/7, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer or smartphone, the local library – anywhere Internet access is available. Just go to www.envirostor.dtsc.ca.gov. You'll find a step-by-step tour of EnviroStor under the "How to Use EnviroStor" menu on the website.

If you have any questions or would like further information regarding your request, please contact me at 818-717-6521 or via email at ChatsworthFileRoom@dtsc.ca.gov.

Respectfully,



Robert Hardison
Records Mgmt. Asst. Coordinator

[i] Some of the records may be exempt from disclosure under the Public Records Act because they may be identified as follows: (1) preliminary drafts or notes (Government Code sections 6254(a)); (2) records pertaining to pending litigation (Government Code section 6254(b)); (3) personnel, medical, personal or private information (Government Code sections 6254(c), 6254(k), 6254.3; Civil Code section 1798, et seq.); (4) records pertaining to complaints or investigations or identification of confidential informant(Government Code section 6254(f)); (5) records covered by the attorney-client privilege (Government Code section 6254(k); Evidence Code section 954); (6) records covered by the attorney work product privilege (Government Code section 6254(k); Code of Civil Procedure section 2018.030); (7) records covered by the deliberative process privilege (Government Code sections 6254(k), 6255; Times Mirror Company v. Superior Court (1991) 53 Cal. 3d 1325); (8) records covered by the official information privilege (Government Code section 6254(k); Evidence Code section1040); and/or (9) records containing confidential business information or trade secrets (Government Code· section 6254(k); California Code of Regulations, title 22, section 66260.2; Evidence Code section 1060; Health and Safety Code sections 25173, 25185(d), 25358.2); (10) records containing geological and geophysical information (Government Code section 6254 (e)). This is not an exhaustive list and other exemptions may prevent disclosure of records.

DEPARTMENT OF HEALTH SERVICES
TOXIC SUBSTANCES CONTROL PROGRAM (REGION 3)
1405 N. SAN FERNANDO BOULEVARD, SUITE 300
BURBANK, CA 91504
(818) 567-3000

JUN 22 1990

Mr. Alistaire Callender
Woodward-Clyde Consultants
445 South Figueroa Street
Suite 2600
Los Angeles, California 90071

Dear Mr. Callender:

UNITED CONCRETE PIPE: REVIEW OF PRELIMINARY ENDANGERMENT ASSESSMENT

This Department has reviewed your June 14, 1990 Preliminary Endangerment Assessment report. The Department found that the site was properly characterized and appropriately sampled. Samples were analyzed for flammability (EPA Method 1010), pH (EPA Method 9045), Volatile organics (EPA Method 8240), semi-volatile organics ((EPA Method 8270), and acute aquatic toxicity. The analysis revealed that there were no significant concentrations of hazardous substances. Analytical results indicated that the mineral oil contamination along the pour line is non-hazardous with respect to acute aquatic toxicity. Since mineral oil is not listed as a hazardous substance in Title 22, Article 9, of the State of California Administrative Code, mineral oil contaminated soil along the pour line is not considered a threat to public health or the environment.

According to your information, the forthcoming demolition and development of the property will adequately mitigate hazards associated with the settling pond, cesspool, and underground storage tank. The Department has no objection to construction of the proposed development. However, all wastes should be properly characterized to determine whether they are hazardous, and should be handled according to all state and local disposal regulations. For oversight of the site demolition and excavation contact your local county health officials. The Department, based on data supplied in your report, concurs that the site does not appear to pose a significant threat to public health or the environment.

However, this does not preclude the state from requiring additional investigation for remediation measures for contaminants found to exist at this site and surrounding properties to protect public health or the environment.

Thank you for your continued cooperation in resolving these issues. Please do not hesitate to contact Wendell Francisco at (818) 567-3077, if you require further assistance.

Sincerely,

for Stephen Lavinger, Chief
Site Mitigation Unit

SL:WF:wf

TELECOPY TRANSMITTAL

DATE: 18 June 1990

TO: Wendell Francisco

COMPANY: DHS

PHONE NO: Fax 818 567-3129

FROM: Alistair Callender

WOODWARD-CLYDE CONSULTANTS
203 NORTH GOLDEN CIRCLE DRIVE
SANTA ANA, CALIFORNIA 92705
TELECOPY NUMBER: (714) 667-7147
PHONE NUMBER: (714) 835-6886

PROJECT/SUBJECT:

MESSAGE/NOTES: [illegible] are [illegible] [illegible] [illegible] results [illegible] 2 samples from [illegible] [illegible].

IF YOU HAVE ANY QUESTIONS OR PROBLEMS WITH THIS TRANSMITTAL, PLEASE CONTACT: Carlyn ext. 222

TOTAL NUMBER OF PAGES (INCLUDING THIS PAGE) TO BE TRANSMITTED: 5

Enseco

CRL Environmental - Ventura
2810 Bunsen Avenue • Ventura, CA 93003
(805) 650-0546 • (800) LAB-I-CRL
FAX: (805) 648-2755

CRL-Garden Grove
7440 Lincoln Way
Garden Grove, CA 92641

02/03/89

Attn: Technical Services
714/898/2125

Project- Woodward Clyde

Sample #: 9027115501
Received: 01/27/89
Type: Solid

Collector: Client
Sampling Date & Time: 01/13/89, ****
Method: Not Specified

I.D.: 902610-001s

==========CONSTITUENT==========	====METHOD=====	==RESULT==	===UNIT===
-CAM Bioassay- Fathead Minnow	Title22-66696	>750 mg/l	=96Hr.LC50

Sample #: 9027115502
Received: 01/27/89
Type: Solid

Collector: Client
Sampling Date & Time: 01/13/89, ****
Method: Not Specified

I.D.: 902610-002s

-CAM Bioassay- Fathead Minnow	Title22-66696	>750 mg/l	=96Hr.LC50

Reviewed

Approved

The Report Cover Letter is an integral part of this report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

2310 BUNSEN AVENUE, UNIT A
VENTURA, CA 93003
(805) 650-0546

SAMPLE AND BIOASSAY INFORMATION

Static X Cont. Flow ____ Species Pimephales promeles LAB No. 9-27-5307

Screening X Definitive ____ Common Name Fathead Minnows Additional No. ____

Dilution Water Reconstituted Fresh Length 35 mm Weight 0.7 g Collectors No. ____

Hardness 43* mg/l Number per Tank 10 Del'd By Greyhound bus

Alkalinity 43 mg/l Supplier Thomas Fish Date Rec'd 1/13/89

Tank Volume 10 liters Acclimation Temp. 20 °C Project CRL-GG
9026.10-0015

	INITIAL				24 Hr				48 Hr				72 Hr				96 Hr				No. DEAD
DATE:	1/30/89				1/31/89				2/1/89				2/2/89				2/3/39				
TIME:	1600				1430				1500				1400				1600				
	DO	°C	pH	‰	DO	°C	pH	‰	DO	°C	pH	‰	DO	°C	pH	‰	DO	°C	pH	‰	
CONTROL	7.6	19.5	7.7	0	7.8	18.8	7.5	0	8.5	18.3	7.5	0	8.3	18	7.5	0	8.0	19.8	7.6	0	0
750 A	6.5	19.5	7.9	0	7.4	18.8	7.9	0	8.2	18.3	7.5	0	8.1	18	7.6	0	8.2	19.8	7.5	0	0
750 B	7.3	19.5	7.9	0	7.5	18.5	7.9	0	8.1	18.3	7.5	0	8.2	18	7.6	0	8.1	19.5	7.5	0	0
400 A	7.2	19.5	7.9	0	7.6	18.3	7.8	0	8.0	18.3	7.5	0	8.0	18	7.6	0	8.0	19.1	7.5	0	0
400 B	7.5	19.5	7.9	0	7.6	18.3	7.8	0	8.2	18.3	7.5	0	8.2	18	7.6	0	8.1	18.8	7.5	0	0

Remarks: Single bubble aeration was supplied to all aquaria throughout the test

LC50 >75% mg/L 95% Confidence Limits n/a

LC50 Method: n/a Non-linear Interpolation ____ Probit ____ Moving Average ____

Analyst: Jeanne Lovelace Date: 2-3-89

CALIFORNIA RESEARCH LABORATORIES, INC.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714)898-6370 • FAX (714)891-5817 • (800)LAB-1CRL

• ORANGE COUNTY
• VENTURA
• SANTA MARIA
• BAKERSFIELD
• L.A. COUNTY
• MOBILE LAB

CHAIN OF CUSTODY RECORD

Date 1/26/89 Page 1 of 1

CLIENT: WOODWARD - CLYDE CONSULTANTS

ADDRESS: 203 N. GOLDEN CIRCLE DR. SANTA ANA, CA. 92705

PROJECT MANAGER: MR. ALLISTAIR CALLENDER

PHONE NUMBER: (714) 835-6886

PROJECT NAME: # 8940484A - 2000 14041 E. LIVE OAK AVE., IRWINDALE

SAMPLERS: (Signature)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
MOBILE LAB # B011389-2	C7-19-(23)	1/13/89					✓	1-8 oz. jar	8240, 8270, pH, IGNIT., BIOASSA
~~B ↓ -17~~	~~C9-2-(20)~~	↓					✓	~~1-4 oz. jar~~	~~↓ ↓ ↓ ↓ ↓~~
B011289-11	C5B-16	1/12/89					✓	1-8 oz. jar	8240, 8270, pH, IGNIT., BIOASSAY

RUSH - RESULTS - TUESDAY A.M.

Relinquished by: (Signature)	Received by: (Signature)	CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	1. Client retrieved _____ by _____ 2. Lab Disposal _____ by _____	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	3. Store for _____ days. by _____ 4. Other _____ by _____	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
[signature] J. Cornejo	1-26-89/12:00	[signature]	1/26/89 12:00

Method of Shipment: SAMPLES transferred from CRL MOBILE TO CRL - IN HOUSE LAB

Special Instructions: * These samples & tests provided by Allistair Callender per Telecon w/ Ike Ortiz & Mike Hiatt 1/26/89.

Hereby authorize the performance of the above indicated work.

SOURCE: Adapted from U.S. EPA, 1985

CCR 100

DISTRIBUTION: White with report, Yellow to CRL, Pink to Courier, Gold to Sample Control

CHEMICAL RESEARCH LABORATORIES, INC.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714)898-6370 • FAX (714)891-5917 • (800)LAB 1CRL

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY
- MOBILE LAB

CHAIN OF CUSTODY RECORD

Date 1/26/89 Page 1 of 1

CLIENT: WOODWARD - CLYDE CONSULTANTS
ADDRESS: 203 N. GOLDEN CIRCLE DR. SANTA ANA, CA 92705

PROJECT MANAGER: MR. ALLISTAIR CALLENDER
PHONE NUMBER: (714) 835-6886

PROJECT NAME: #8840484A - 2000 14041 E. LIVE OAK AVE., IRWINDALE

SAMPLERS: (Signature)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
MOBILE LAB # B011389-2	C7-19-(23)	1/13/89					✓	1-8 oz. jar	8240, 8270, pH, IGNIT., BIOASSAY
~~↓ -17~~	~~C9-2-(20)~~	↓					✓	~~1-4 oz. jar~~	↓ ↓ ↓ ↓ ↓
B011289-11	C5B-16	1/12/89					✓	1-8 oz. jar	8240, 8270, pH, IGNIT., BIOASSAY

RUSH - RESULTS - TUESDAY A.M.

Relinquished by: (Signature)	Received by: (Signature)	CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	1. Client retrieved _____ by _____	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	2. Lab Disposal _____ by _____	Date/Time
		3. Store for _____ days by _____	
		4. Other _____ by _____	

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
[signature] Cornejo	1-26-89/12:00	[signature]	1/26/89 12:00

Method of Shipment: SAMPLES transferred from CRL MOBILE TO CRL - IN HOUSE EPA

I hereby authorize the performance of the above indicated work

Special Instructions: * These samples & tests provided by Allistair Callender per Telecon w/ Ike Ortiz + Mike Hiatt 1/26/89.

SOURCE: Adapted from U.S. EPA, 1985

OCR-100

DISTRIBUTION: White with report, Yellow to CRL, Pink to Courier, Gold to Sample Control

TELECOPY TRANSMITTAL

DATE: 6/14/90

TO: Wendell Francisco

COMPANY: Dept. of Health Services

PHONE NO: (818) 567 3129

FROM: Alistaire Cullenden

WOODWARD-CLYDE CONSULTANTS
203 NORTH GOLDEN CIRCLE DRIVE
SANTA ANA, CALIFORNIA 92705
TELECOPY NUMBER: (714) 667-7147
PHONE NUMBER: (714) 835-6886

PROJECT/SUBJECT: United Concrete Pipe - PEA

MESSAGE/NOTES:

IF YOU HAVE ANY QUESTIONS OR PROBLEMS WITH THIS TRANSMITTAL, PLEASE CONTACT: Alistaire Cullenden

TOTAL NUMBER OF PAGES (INCLUDING THIS PAGE) TO BE TRANSMITTED: 19

203 North Golden Circle Drive
Santa Ana, CA 92705
(714) 835-6886
(213) 581-7164
Fax: (714) 667-7147
Telex: 68-3420

Woodward-Clyde Consultants

14 June 1990
Project No. 904W217A

Dr. Miguel Monroy
Site Mitigation Unit
California Department of Health Services
1405 San Fernando Boulevard, Suite 300
Burbank, California

SUBJECT: RESPONSE TO REVIEW COMMENTS ON THE PRELIMINARY ENDANGERMENT ASSESSMENT FOR THE UNITED CONCRETE PIPE MANUFACTURING FACILITY IN IRWINDALE CALIFORNIA

Dear Dr. Monroy:

Woodward-Clyde Consultants, on behalf of The Koll Company, is pleased to resubmit for your review two (2) copies of the revised Preliminary Endangerment Assessment (PEA) report for the United Concrete Pipe (UCP) facility in Irwindale, California. This letter presents our response to the Department of Health Services' (DHS) comments on the first draft of the PEA report.

CONCLUSIONS

1. **Insignificant and Petroleum Hydrocarbons (p. 18)**

   Insignificant means the concentrations were generally much lower than 1,000 mg/kg (ppm). Petroleum hydrocarbons are total recoverable petroleum hydrocarbons by EPA Method 418.1 or modified EPA Method 8015.

2. a. **Present Condition of the Facility (pp. 1, 19)**

   UCP has ceased its concrete pipe manufacturing activities. The facility is essentially closed, with structures, equipment, concrete pipes, and pavements to be dismantled and/or removed prior to site development. A small amount of steel fabrication was being conducted on site at the time of a site visit on 12 June 1990.

b. **Proposed Construction (pp. 1, 19)**

The Koll Company plans to develop approximately 55 acres of the property. The City of Irwindale is purchasing the remaining 17 acres for a retail development.

The Koll Company intends to install site improvements, including interior streets, sewers, water, utilities, storm drains, and perimeter and street frontage landscaping. By early 1991, The Koll Company will have divided the property into parcels of varying sizes for construction. The proposed construction would be light industrial and office buildings.

c. **Disposition of Current Structures and Elevated Concentrations of Hazardous and Potentially Hazardous Constituents**

The structures will be demolished and the scrap metal from the manufacturing process may be sold as scrap. Other debris may be used on site as fill or hauled to an offsite disposal facility.

Hazardous and potentially hazardous materials, if uncovered during site demolition or development, will be managed according to applicable city, State, and Federal regulations.

APPENDIX C - SITE INVESTIGATION

This appendix has been changed to Appendix D in the revised report.

1. **Stockpiled Material (p. C-2, paragraph 1)**

The trenches were backfilled with the excavated material. The soil cuttings from the soil borings were left on site next to the borings.

2. **Hydraulic Fluid (p. C-2, paragraph 2; p. 14)**

The MSDS for the hydraulic fluid is in Appendix B. The spill of hydraulic fluid was limited to the surface. The thin layer of soil atop the concrete was sampled. The stained soil, estimated at about 4 cubic yards, was not removed.

3. **Underground Storage Tanks (p. C-5, paragraph 1, p. 4)**

Tank removal records are included in Appendix C.

4. **Swampy Smell (pp. C-4, C-5)**

The swampy smell was an odor similar to a wet, organic-rich smell associated with anaerobic decomposition processes such as those occurring in swamps.

5. **Fluid in Waste Oil Sump (p. C-9, paragraph 2)**

This fluid was removed during the tank removal and disposed of off site. Documentation of this is provided with the tank removal information.

6. **Petroleum Hydrocarbons and Plume in Pour Line (p. C-10, paragraph 1)**

The petroleum hydrocarbons detected in the pour line area were mineral oil, which is not a hazardous waste. The vertical extent of mineral oil-impacted soil has been characterized. The TPH distribution is not uniform from top to bottom based on the data obtained. However, the TPH concentrations decreased with depth and were below 100 mg/kg at a depth of 28 feet.

7. **Cesspools (p. C-10, paragraph 3; Section A.8, p. 9)**

The term "cesspool" refers to septic tank systems. These were necessary because the facility is not on the city sewer system. The cesspools were for the restrooms at the facility. Because of their age, little information is available on the design and construction of the cesspools. However, a UCP employee stated that a leach field may be associated with each cesspool, which is normal for a septic tank system. These cesspools are in the City of Irwindale.

It is unlikely that this effluent would impact the groundwater, which is on the order of 170 feet below grade. Sampling of the onsite well did not reveal groundwater contamination.

8. **Pond Sediment (p. 11, paragraph 2; p. 9)**

Sediment remains in the pond. The pond is not lined with an impervious material. However, water from concrete

processing that drained into the pond over the years may have yielded a relatively impervious barrier at the bottom, because this water contained cement fines from the manufacturing process.

The pond sediment was sampled on 6 June 1990 at five locations at depths up to 3-1/2 feet. The results are summarized in Table 1. At the time of the sampling, the sediment was 2-1/2 feet below the water surface in the deepest part of the pond. The estimated thickness of sediment in the pond ranged from 2 to 3 feet.

Approximate sampling locations are shown on Figure 4, along with locations previously sampled in 1988 and 1989. The total current plan view area of the pond is roughly one-half of that seen when the previous sampling was completed. The dotted line indicates a rough outline of the current water line. The June 1990 sampling locations are shown as S (south), E (east), M (middle), MC (middle central), and MN (middle north).

Samples were collected using a clam shell bucket approximately 1/2 foot in diameter. The device allowed relatively non-disturbed samples of the sediments to be extracted to a depth of approximately 3-1/2 feet. Samples identified with a "6" are from the 6-inch depth. All other sample labels are in reference to depth in feet. At each location, sampling with depth was effected by subsampling the contents of the filled bucket.

Samples were analyzed on site according to modified EPA Method 8015 using a mobile laboratory supplied by Enesco (Garden Grove, California). The mobile laboratory is certified as a hazardous waste laboratory by the DHS. Results of the testing are summarized in Table 1, and copies of the laboratory reports and the chain-of-custody forms are attached to this letter.

The pond sediment will be excavated as part of the site development process, and the excavated material will be managed in compliance with applicable regulatory requirements. Management options include onsite bioremediation, or offsite disposal at an approved facility.

9. **TPH Concentrations**

Surface spills have occurred at several locations during past operations at the UCP facility. As a result, elevated concentrations of TPH were detected in the surface and near-surface soil. One exception is the pour line area, where mineral oil has migrated to a depth of 28 feet below grade. This substance, however, is not hazardous according to the MSDS and soil analysis data.

The petroleum hydrocarbons used in the manufacturing of concrete pipes, mineral oil and paraffin wax, are non-hazardous materials. In view of this and the proposed removal of pavements and surface soil in the site development plan, we judge that it is unlikely that the TPH would pose a threat to public health and the environment.

10. During demolition of the site, material identified as hazardous will be managed in accordance with applicable regulations. An example of such materials are the two small buckets of what appeared to be waste hydraulic oil found on the site during the 12 June 1990 site visit by DHS personnel.

We appreciate the assistance and cooperation of the DHS in the review of the draft PEA report. Please call me at 714/835-6886 if you have questions or comments.

Very truly yours,

WOODWARD-CLYDE CONSULTANTS

Alistaire Callender

Alistaire Callender, Ph.D.
Project Manager

ABC:TP:dn
(pg) H:\TP\UCP-DHS1.DOC 06/14/90
Attachment

TABLE 1

POND SEDIMENT ANALYTICAL RESULTS

Sample Identification	Depth[a] (Inches)	TPH[b] (mg/kg)	Brief Field Observation
M6	6	230	silty
M2	24	<10	sandy
S6	6	21	silty
S2	24	53	sandy
S3	36	140	sandy
E6	6	27	silty
E2	24	70	sandy/silty
E3.5	42	<10	sandy
MC6	6	120	silty
MC2	24	49	sandy
MN6	6	480	silty
MN2	24	125	silty

Notes:

a. Depth from top of sediment.

b. TPH = total petroleum hydrocarbons by modified EPA Method 8015.

Emergency Phone Number(800) 457-2022

Material Safety Data Sheet

CHEVRON AW Hydraulic Oil 68 **CPS234228**

UNITED CONCRETE PIPE CORP
PO BOX 429
BALDWIN PARK, CA 91706
Print Date: November 26, 1989

MATERIAL ORDERED FOR:
14041 EAST LIVE OAK AVE
BALDWIN PARK, CA 91706

This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community right-to-know/emergency response reporting requirements under SARA Title III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS. Discard any previous edition of this MSDS.

The Chevron MSDS has been revised to include a first aid statement for the accidental injection under the skin.

1. PRODUCT IDENTIFICATION

CHEVRON AW Hydraulic Oil 68

- A HAZARD WARNING IS NOT REQUIRED FOR THIS PRODUCT UNDER OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

CHEVRON PRODUCT NUMBER(S): CPS234228
PRODUCT INFORMATION: (800)582-3836

2. FIRST AID

EYE CONTACT:
No first aid procedures are required. However, as a precaution flush eyes with fresh water for 15 minutes. Remove contact lenses if worn.
SKIN CONTACT:
No first aid procedures are required. As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing.

Note to Physician: Injection under the skin of materials similar to this product is associated with accidents involving high-pressure equipment. When ejected from this type of equipment, the material can easily penetrate the skin and leave a small, sometimes bloodless, puncture wound. Yet, because of its driving force, material injected into a fingertip can be deposited into the palm of the hand. Within 24 hours, there is usually a great deal of swelling, discoloration, and intense throbbing pain in the affected part. Immediate treatment at surgical emergency center is recommended.
INHALATION:
Since this material is not expected to be an immediate inhalation problem, no first aid procedures are required.
INGESTION:
If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

3. IMMEDIATE HEALTH EFFECTS

EYE CONTACT:
This substance is not expected to cause prolonged or significant eye irritation. This hazard evaluation is based on the data from similar materials.
SKIN IRRITATION:
This substance is not expected to cause prolonged or significant skin irritation. This hazard evaluation is based on data from similar materials.
DERMAL TOXICITY:
The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if it gets on the skin. This hazard evaluation is based on data from similar materials.
RESPIRATORY/INHALATION:
The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if inhaled. This hazard evaluation is based on data from similar materials.
INGESTION:
The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if swallowed. This hazard evaluation is based on data from similar materials.

4. PROTECTIVE EQUIPMENT

EYE PROTECTION:
No special eye protection is usually necessary.
SKIN PROTECTION:
No special skin protection is usually necessary. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing protective clothing.
RESPIRATORY PROTECTION:
No special respiratory protection is normally required. However, if operating conditions create airborne concentrations which exceed the recommended exposure standards, the use of an approved respirator is required.
VENTILATION:
Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

5. FIRE PROTECTION

FLASH POINT: (COC) 428F (220C)
AUTOIGNITION: NDA
FLAMMABILITY: NA
EXTINGUISHING MEDIA:
CO2, Dry Chemical, Foam and Water Fog.
NFPA RATINGS: Health 0; Flammability 1; Reactivity 0; Special NDA;
HMIS RATINGS: Health 0; Flammability 1; Reactivity 0; Other NDA;
(Least-0, Slight-1, Moderate-2, High-3, Extreme-4). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association or, if applicable, the National Paint and Coating Association, and do not necessarily reflect the hazard evaluation of the Chevron Environmental Health Center. Read the entire document and label before using this product.
FIRE FIGHTING PROCEDURES:
For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
COMBUSTION PRODUCTS:
Normal combustion forms carbon dioxide and water vapor and may produce oxides of sulfur and phosphorus. Incomplete combustion can produce carbon monoxide.

6. STORAGE, HANDLING, AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:
NDA.
STABILITY:
Stable.

HAZARDOUS POLYMERIZATION:
Polymerization will not occur.
INCOMPATIBILITY:
May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
SPECIAL PRECAUTIONS:
CAUTION! Do not use pressure to empty drum or explosion may result. DO NOT weld, heat or drill container. Replace cap or bung. Emptied container still contains hazardous material which may ignite with explosive violence if heated sufficiently.

7. PHYSICAL PROPERTIES

SOLUBILITY: Soluble in hydrocarbon solvents; insoluble in water.
APPEARANCE: Pale yellow liquid.
BOILING POINT: NA
MELTING POINT: NA
EVAPORATION: NA
SPECIFIC GRAVITY: 0.88 @ 15.5/15.6C
VAPOR PRESSURE: NA
PERCENT VOLATILE (VOLUME %): NA
VAPOR DENSITY (AIR=1): NA
VISCOSITY: 61 cSt @ 40C (Min.)

8. SPILL RESPONSE AND DISPOSAL

CHEMTREC EMERGENCY PHONE NUMBER: (800) 424-9300 (24 hour).
SPILL/LEAK PRECAUTIONS:
This material is not expected to present any environmental problems other than those associated with oil spills.

Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.
DISPOSAL METHODS:
Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

9. EXPOSURE STANDARDS, REGULATORY LIMITS AND COMPOSITION

COMPOSITION COMMENT:

All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

Based upon information reviewed to date, this product fits the ACGIH definition for mineral oil mist. The ACGIH TLV is 5mg/m3, the OSHA PEL is 5mg/m3.

The percent compositions are given to allow for the various ranges of the components present in the whole product and may not equal 100%.

PERCENT/CAS# COMPONENT/REGULATORY LIMITS

100.0 % CHEVRON AW Hydraulic Oil 68

CONTAINING

> 99.0 % LUBRICATING BASE OIL

The BASE OIL may be a mixture of any of the following: CAS 64741884, CAS 64741895,CAS 64741964,CAS 64741975,CAS 64742014,CAS 64742525, CAS 64742536,CAS 64742547,CAS 64742627,CAS 64742650,CAS 72623837.

< 1.0 % ADDITIVES

TLV - Threshold Limit Value	PEL - Permissible Exposure Limit
STEL - Short-term Exposure Limit	TPQ - Threshold Planning Quantity
RQ - Reportable Quantity	CPS - CUSA Product Code
CC - Chevron Chemical Company	CAS - Chemical Abstract Service Number

10. REGULATORY INFORMATION

DOT SHIPPING NAME: NOT DESIGNATED AS A HAZARDOUS MATERIAL BY THE FEDERAL DOT
DOT HAZARD CLASS: NOT APPLICABLE
DOT IDENTIFICATION NUMBER: NOT APPLICABLE

SARA 311 CATEGORIES:
1. Immediate (Acute) Health Effects; NO
2. Delayed (Chronic) Health Effects; NO
3. Fire Hazard; NO
4. Sudden Release of Pressure Hazard; NO
5. Reactivity Hazard; NO

WHEN A COMPONENT OF THIS MATERIAL IS SHOWN IN THIS SECTION, THE REGULATORY LIST ON WHICH IT APPEARS IS INDICATED.

REGULATORY LISTS:

01=SARA 313	02=MASS RTK	03=NTP Carcinogen
04=CA Prop. 65	05=MI 406	06=IARC Group 1
07=IARC Group 2A	08=IARC Group 2B	09=SARA 302/304
10=PA RTK	11=NJ RTK	12=CERCLA 302.4
13=MN RTK	14=ACGIH TLV	15=ACGIH STEL

Revision Number: 11 Revision Date: 11/18/89 MSDS Number: 000080
NDA - No Data Available NA - Not Applicable

16=ACGIH Calculated TLV 17=OSHA PEL 18=OSHA STEL
19=Chevron TLV 20=EPA Carcinogen 21=TSCA SECT 4
22=TSCA SECT 5 SNUR 23=TSCA SECT 6 RULE 24=TSCA SECT 12 EXPORT
25=TSCA SECT 8A CAIR 26=TSCA SECT 8D REPORT 27=TSCA SECT 8E
28=Canadian WHMIS

11. PRODUCT TOXICOLOGY DATA

EYE IRRITATION:
NDA. The hazard evaluation was based on data from similar materials.
SKIN IRRITATION:
NDA. The hazard evaluation was based on data from similar materials.
DERMAL TOXICITY:
NDA. The hazard evaluation was based on data from similar materials.
RESPIRATORY/INHALATION:
NDA. The hazard evaluation was based on data from similar materials.
INGESTION:
NDA. The hazard evaluation was based on data from similar materials.

12. ADDITIONAL HEALTH DATA

ADDITIONAL HEALTH DATA COMMENT:
This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils require a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

****

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Enseco - Mobile Laboratories
7440 Lincoln Way ● Garden Grove, CA 92641
(714) 898-6370 ● (800) ENSECO-8
FAX: (714) 893-6709

11-JUN-90

WOODWARD-CLYDE
203 N. GOLDEN CIRCLE DR.
SANTA ANA, CA 92705

BATCH: N1017
ANALYSES: TEPH

ATTN: MR. TOM ZDEB

PROJECT: UNITED CONCRETE PIPE

Enclosed with this letter is the report on the analyses performed on samples M-N060690-001/012.

The samples were received by Enseco intact and with the chain-of-custody record attached.

Please note that ND means not detected at the detection limit stated.

Pat Kammann
REVIEWED AND APPROVED

6-11-90
DATE

The Report Cover Letter is an integral part of this report.
This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of its name or laboratory name for advertising or publicity purposes without authorization is prohibited.

Enseco

Laboratory Report

WOODWARD-CLYDE
203 N. GOLDEN CIRCLE DR.
SANTA ANA, CA 92705
ATTN: MR. TOM ZDEB

Analysis No.: M-N060690-001/012
Date Sampled: 6-JUN-1990
Date Sample Rec'd: 6-JUN-1990
Date Analyzed: 6-JUN-1990
Sample Type: SOLID

Project: UNITED CONCRETE PIPE

Sample ID	TPH, Extractable mg/kg EPA 8015
M2	ND(10)
M6	230.
S2	53.
S6	21.
E2	70.
E6	27.
MC2	49.
MC6	120.
MN2	125.
MN6	480.
S3	140.
E3.5	ND(10)
Blank	ND(10)

Enseco

Laboratory Report

WOODWARD-CLYDE
203 N. GOLDEN CIRCLE DR.
SANTA ANA, CA 92705
ATTN: MR. TOM ZDEB
Project: UNITED CONCRETE PIPE

Analysis No.: M-N060690-001/012
Date Sampled: 6-JUN-1990
Date Sample Rec'd: 6-JUN-1990
Sample Type: SOLID

Matrix Spike/Matrix Spike Duplicate Report

Sample Number	Parameter (Method)	Units	Observed Concentration Sample	MS	MSD	Amt. Spiked	% Recovery MS	MSD	Avg.	% RPD
N060690-001	TPH, EXTRACTABLE (EPA 8015)	mg/kg	0	109.7	117.7	100	110	118	114	7

Enseco

Matrix Spike/Matrix Spike Duplicate Report Cross-Reference

QC Batch	Date	Parameter (Method)	Sample Nos.
N060690-001	6-JUN-1990	TPH, EXTRACTABLE (EPA 8015)	M-N060690-001
			M-N060690-002
			M-N060690-003
			M-N060690-004
			M-N060690-005
			M-N060690-006
			M-N060690-007
			M-N060690-008
			M-N060690-009
			M-N060690-010
			M-N060690-011
			M-N060690-012

Enseco
A CORNING Company

☐ 7440 Lincoln Way, Garden Grove, CA 92641, (714) 898-8370
☐ 2010 Bunsen Ave., Unit A Ventura, CA 93003, (805) 658-0546
☐ 2325 Skyway Dr., Unit K, Santa Maria, CA 93455, (805) 922-2776
☐ 8537 Telstar Ave., Unit 110, El Monte, CA 91731, (818) 442-5400
☒ Mobile Labs, (800) ENSECO-8

CHAIN OF CUSTODY RECORD

Date 6/6/90 Page 1 of 2

Lab Number 1

CLIENT WOODWARD CLYDE - SA

ADDRESS

PROJECT NAME 14041 E. CIVE FAIL AVE. BALDWIN PARK - UNITED CONCRETE PIPE

CONTRACT / PURCHASE ORDER / QUOTE #

PROJECT MANAGER

PHONE NUMBER

SITE CONTACT TOM ZOEB

ANALYSES

Sample No. / Identification	Date	Time	Lab Sample Number	SAMPLE TYPE LIQ.	AIR	SOLID	No. of Containers	8015 TEPH							Sample Condition/ REMARKS
M2	6/6/90	8:38	N060690-1			X	1	X							
MC	"	"	-2			X	1	X							
S2	"	"	-3			X	1	X							
S6	"	"	-4			X	1	X							
E2	"	"	-5			X	1	X							
E6	"	"	-6			X	1	X							
MC2	"	"	-7			X	1	X							
MC6	"	"	-8			X	1	X							
MN2	"	8:56	-9			X	1	X							
MN6	"	"	-10			X	1	X							

SAMPLERS: (Signature) [signature]

Received by: (Signature) | Date | Time

Relinquished by: (Signature) | Received by: (Signature) | Date | Time

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Enseco Terms and Conditions, unless a contract or purchase order has been executed and is cited above.

Relinquished by: (Signature) | Date | Time | Received for Laboratory by: [signature]

Date	RECEIVED	Time	Date	ACCEPTED	Time
6/6/90	AS SAMPLED				

Method of Shipment:

Special Instructions:

SAMPLE DISPOSITION:
1. Storage time requested: _____ days
(Samples will be stored for 30 days without additional charges; thereafter storage charges will be billed at the published rates.)
2. Sample to be returned to client: Y N
(Enseco will dispose of unreturned samples at no extra charge. Disposal will be by incineration wherever possible; otherwise, as appropriate, according to legal requirements.)

DISTRIBUTION: White with report, Yellow to Enseco, Pink to Courier, Gold to Sample Control

Enseco
A CORNING Company

☐ 7440 Lincoln Way, Garden Grove, CA 92641, (714) 898-6370
☐ 2810 Bunsen Ave., Unit A Ventura, CA 93003, (805) 650-0546
☐ 2325 Skyway Dr., Unit K, Santa Maria, CA 93455, (805) 922-2776
☐ 9537 Telstar Ave., Unit 11B, El Monte, CA 91731, (818) 442-1400
☒ Mobile Labs, (800) ENSECO-8

CHAIN OF CUSTODY RECORD

Date 6/6/90 Page 2 of 2

Lab Number 1

CLIENT WOODWARD CRYDE - SA

ADDRESS

PROJECT NAME 14641 E. LIVE OAK AVE. BALDWIN PARK - UNITED CONCRETE PIPE

CONTRACT / PURCHASE ORDER / QUOTE #

PROJECT MANAGER

PHONE NUMBER

SITE CONTACT TOM ZDEB

ANALYSES

Sample No. / Identification	Date	Time	Lab Sample Number	SAMPLE TYPE LID.	AIR	SOLID	No. of Containers	8015 TEPH							Sample Condition/ REMARKS
S38	6/6/90	14:04	N06069017			X	1	X							
E3,5	"	16:10	-12			X	1	X							

SAMPLERS: (Signature) [signature]

Received by: (Signature) | Date | Time

Relinquished by: (Signature)

Received by: (Signature) | Date | Time

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Enseco Terms and Conditions, unless a contract or purchase order has been executed and is cited above.

Relinquished by: (Signature) | Date | Time

Received for Laboratory by: [signature]

Date	RECEIVED	Time	Date	ACCEPTED	Time
6/6/90	AS SAMPLED				

Method of Shipment:

Special Instructions:

SAMPLE DISPOSITION:
1. Storage time requested: _____ days
(Samples will be stored for 30 days without additional charges; thereafter storage charges will be billed at the published rates.)
2. Sample to be returned to client: Y N
(Enseco will dispose of unreturned samples at no extra charge. Disposal will be by incineration wherever possible; otherwise, as appropriate, according to legal requirements.)

DISTRIBUTION: White with report, Yellow to Enseco, Pink to Courier, Gold to Sample Control

203 North Golden Circle Drive
Santa Ana, CA 92705
(714) 835-6886
(213) 581-7164
Fax: (714) 667-7147
Telex: 68-3420

Woodward-Clyde Consultants

14 June 1990
Project No. 904W217A

Dr. Miguel Monroy
Site Mitigation Unit
California Department of Health Services
1405 San Fernando Boulevard, Suite 300
Burbank, California

SUBJECT: RESPONSE TO REVIEW COMMENTS ON THE PRELIMINARY ENDANGERMENT ASSESSMENT FOR THE UNITED CONCRETE PIPE MANUFACTURING FACILITY IN IRWINDALE CALIFORNIA

Dear Dr. Monroy:

Woodward-Clyde Consultants, on behalf of The Koll Company, is pleased to resubmit for your review two (2) copies of the revised Preliminary Endangerment Assessment (PEA) report for the United Concrete Pipe (UCP) facility in Irwindale, California. This letter presents our response to the Department of Health Services' (DHS) comments on the first draft of the PEA report.

CONCLUSIONS

1. **Insignificant and Petroleum Hydrocarbons (p. 18)**

   Insignificant means the concentrations were generally much lower than 1,000 mg/kg (ppm). Petroleum hydrocarbons are total recoverable petroleum hydrocarbons by EPA Method 418.1 or modified EPA Method 8015.

2. a. **Present Condition of the Facility (pp. 1, 19)**

   UCP has ceased its concrete pipe manufacturing activities. The facility is essentially closed, with structures, equipment, concrete pipes, and pavements to be dismantled and/or removed prior to site development. A small amount of steel fabrication was being conducted on site at the time of a site visit on 12 June 1990.

b. **Proposed Construction (pp. 1, 19)**

The Koll Company plans to develop approximately 55 acres of the property. The City of Irwindale is purchasing the remaining 17 acres for a retail development.

The Koll Company intends to install site improvements, including interior streets, sewers, water, utilities, storm drains, and perimeter and street frontage landscaping. By early 1991, The Koll Company will have divided the property into parcels of varying sizes for construction. The proposed construction would be light industrial and office buildings.

c. **Disposition of Current Structures and Elevated Concentrations of Hazardous and Potentially Hazardous Constituents**

The structures will be demolished and the scrap metal from the manufacturing process may be sold as scrap. Other debris may be used on site as fill or hauled to an offsite disposal facility.

Hazardous and potentially hazardous materials, if uncovered during site demolition or development, will be managed according to applicable city, State, and Federal regulations.

APPENDIX C - SITE INVESTIGATION

This appendix has been changed to Appendix D in the revised report.

1. **Stockpiled Material (p. C-2, paragraph 1)**

The trenches were backfilled with the excavated material. The soil cuttings from the soil borings were left on site next to the borings.

2. **Hydraulic Fluid (p. C-2, paragraph 2; p. 14)**

The MSDS for the hydraulic fluid is in Appendix B. The spill of hydraulic fluid was limited to the surface. The thin layer of soil atop the concrete was sampled. The stained soil, estimated at about 4 cubic yards, was not removed.

3. **Underground Storage Tanks (p. C-5, paragraph 1, p. 4)**

Tank removal records are included in Appendix C.

4. **Swampy Smell (pp. C-4, C-5)**

The swampy smell was an odor similar to a wet, organic-rich smell associated with anaerobic decomposition processes such as those occurring in swamps.

5. **Fluid in Waste Oil Sump (p. C-9, paragraph 2)**

This fluid was removed during the tank removal and disposed of off site. Documentation of this is provided with the tank removal information.

6. **Petroleum Hydrocarbons and Plume in Pour Line (p. C-10, paragraph 1)**

The petroleum hydrocarbons detected in the pour line area were mineral oil, which is not a hazardous waste. The vertical extent of mineral oil-impacted soil has been characterized. The TPH distribution is not uniform from top to bottom based on the data obtained. However, the TPH concentrations decreased with depth and were below 100 mg/kg at a depth of 28 feet.

7. **Cesspools (p. C-10, paragraph 3; Section A.8, p. 9)**

The term "cesspool" refers to septic tank systems. These were necessary because the facility is not on the city sewer system. The cesspools were for the restrooms at the facility. Because of their age, little information is available on the design and construction of the cesspools. However, a UCP employee stated that a leach field may be associated with each cesspool, which is normal for a septic tank system. These cesspools are in the City of Irwindale.

It is unlikely that this effluent would impact the groundwater, which is on the order of 170 feet below grade. Sampling of the onsite well did not reveal groundwater contamination.

8. **Pond Sediment (p. 11, paragraph 2; p. 9)**

Sediment remains in the pond. The pond is not lined with an impervious material. However, water from concrete

processing that drained into the pond over the years may have yielded a relatively impervious barrier at the bottom, because this water contained cement fines from the manufacturing process.

The pond sediment was sampled on 6 June 1990 at five locations at depths up to 3-1/2 feet. The results are summarized in Table 1. At the time of the sampling, the sediment was 2-1/2 feet below the water surface in the deepest part of the pond. The estimated thickness of sediment in the pond ranged from 2 to 3 feet.

Approximate sampling locations are shown on Figure 4, along with locations previously sampled in 1988 and 1989. The total current plan view area of the pond is roughly one-half of that seen when the previous sampling was completed. The dotted line indicates a rough outline of the current water line. The June 1990 sampling locations are shown as S (south), E (east), M (middle), MC (middle central), and MN (middle north).

Samples were collected using a clam shell bucket approximately 1/2 foot in diameter. The device allowed relatively non-disturbed samples of the sediments to be extracted to a depth of approximately 3-1/2 feet. Samples identified with a "6" are from the 6-inch depth. All other sample labels are in reference to depth in feet. At each location, sampling with depth was effected by subsampling the contents of the filled bucket.

Samples were analyzed on site according to modified EPA Method 8015 using a mobile laboratory supplied by Enesco (Garden Grove, California). The mobile laboratory is certified as a hazardous waste laboratory by the DHS. Results of the testing are summarized in Table 1, and copies of the laboratory reports and the chain-of-custudy forms are attached to this letter.

The pond sediment will be excavated as part of the site development process, and the excavated material will be managed in compliance with applicable regulatory requirements. Management options include onsite bioremediation, or offsite disposal at an approved facility.

9. **TPH Concentrations**

Surface spills have occurred at several locations during past operations at the UCP facility. As a result, elevated concentrations of TPH were detected in the surface and near-surface soil. One exception is the pour line area, where mineral oil has migrated to a depth of 28 feet below grade. This substance, however, is not hazardous according to the MSDS and soil analysis data.

The petroleum hydrocarbons used in the manufacturing of concrete pipes, mineral oil and paraffin wax, are non-hazardous materials. In view of this and the proposed removal of pavements and surface soil in the site development plan, we judge that it is unlikely that the TPH would pose a threat to public health and the environment.

10. During demolition of the site, material identified as hazardous will be managed in accordance with applicable regulations. An example of such materials are the two small buckets of what appeared to be waste hydraulic oil found on the site during the 12 June 1990 site visit by DHS personnel.

We appreciate the assistance and cooperation of the DHS in the review of the draft PEA report. Please call me at 714/835-6886 if you have questions or comments.

Very truly yours,

WOODWARD-CLYDE CONSULTANTS

Alistaire Callender, Ph.D.
Project Manager

ABC:TP:dn
(2d) H:\TP\UCP-DHSL.DOC 06/14/90
Attachment

TABLE 1

POND SEDIMENT ANALYTICAL RESULTS

Sample Identification	Depth[a] (Inches)	TPH[b] (mg/kg)	Brief Field Observation
M6	6	230	silty
M2	24	< 10	sandy
S6	6	21	silty
S2	24	53	sandy
S3	36	140	sandy
E6	6	27	silty
E2	24	70	sandy/silty
E3.5	42	< 10	sandy
MC6	6	120	silty
MC2	24	49	sandy
MN6	6	480	silty
MN2	24	125	silty

Notes:

a. Depth from top of sediment.

b. TPH = total petroleum hydrocarbons by modified EPA Method 8015.

STATE OF CALIFORNIA—HEALTH AND WELFARE AGENCY
GEORGE DEUKMEJIAN, GOVERNOR

DEPARTMENT OF HEALTH SERVICES
TOXIC SUBSTANCES CONTROL PROGRAM (REGION 3)
1405 N. SAN FERNANDO BOULEVARD, SUITE 300
BURBANK, CA 91504
(818) 567-3000

Mr. Alistaire Callender
Woodward-Clyde Consultants
445 South Figueroa Street
Suite 2600
Los Angeles, California 90071

JUN 13 1990

Dear Mr. Callender:

REVIEW OF PRELIMINARY ENDANGERMENT ASSESSMENT FOR THE UNITED CONCRETE PIPE MANUFACTURING FACILITY IN BALDWIN PARK, CALIFORNIA

We have completed our review of the Preliminary Endangerment Assessment (PEA) report for your property at 14041 East Live Oak Avenue, Baldwin Park, California. The report was reviewed by the Project Manager and Staff Toxicologist for completeness and accuracy.

The attached comments identify the information necessary to complete the assessment. Items marked with an asterisk (*) are cited as suggestions for clarity. For ease of reference, comments are proceeded by the section/page number of the PEA as prepared by Woodward-Clyde Consultants.

Please submit two copies of the revised PEA with the corrections by June 25, 1990. If you have any questions during the revision process, please contact Wendell Francisco at (818) 576-3077.

Sincerely,

for Miguel Monroy
Program Supervisor
Site Mitigation Unit

MM:WF:wf

Enclosure

ENCLOSURE

The subject report prepared by Woodward-Clyde Consultants was reviewed by the Department of Health Services, Toxic Substance Control Program (Department). The Department has the following comments:

Comments:

SECTION 9: CONCLUSIONS

* - page 18, second statement: The concentration levels of petroleum hydrocarbons are considered to be insignificant in the soil except at the pour line. Please specify what is meant by "insignificant" and "petroleum hydrocarbons" in this sentence.

* - page 19, second statement: Please explain what is meant by the "facility, in its present condition does not pose a threat to public health and the environment." What is the present condition of the facility? Please explain the proposed construction of light industrial and office buildings on property. What will happen to the current structures and elevated concentrations of hazardous or potential hazardous constituents currently existing on the site.

APPENDIX C: SITE INVESTIGATION

* - page C-2: paragraph 1: After samples were collected, no reference was made relative to disposal of the stockpiled material. Was this material disposed of at an appropriate landfill or is it yet on the site? Please clarify this point of interest.

- page C-2, paragraph 2: Please provide more information on the hydraulic fluid/or form oil found 10-20 feet above a concrete structure in Area D. What constituents make up the hydraulic fluid? Was this portion of contaminated soil removed?

- page C-5, paragraph 1: Please provide documented information relative to all the underground storage tank removals and verification sampling (or sign off).

- page C-5, paragraph 1: Please explain what the swampy smell may have been or was.

- page C-9, paragraph 2: What happened to the fluid contained in the underground tank in Area B which showed elevated hydrocarbons concentrations (1,000,000 ppm total petroleum hydrocarbons, EPA Method 418.1; 7 ppm total lead; and 83,600 ppm diesel hydrocarbons, by EPA Method 8015). Also please provide documentation of this tank removal and sign off.

* - page C-10, paragraph 1: Soil samples taken below approximately 20

feet show low levels of petroleum hydrocarbons. Can you specify what petroleum hydrocarbons are being referred to - benzene, mineral oil or etc? Has this plume been fully characterized to assure uniformity of the petroleum hydrocarbons from top to bottom?

- page C-10, paragraph 3: CES-1B contained 112 ppb of volatile hydrocarbons ((BTXE). Please explain the construction of the cesspools? Does the contaminated effluent settle down to the groundwater? Is there an impervious layer that prevents contaminants from settling into the groundwater? Is the groundwater potable? What city are the cesspools in?

- page C-11, paragraph 2: This paragraph states sediment samples from the pond on the western side of the property showed elevated, concentrations of total petroleum hydrocarbons (4,430 ppm), with kerosene (2,540 ppm) the dominant fraction. What happened to this sediment? Is the pond lined with an impervious material? How far down was the elevated petroleum hydrocarbons detected? Was this pond area excavated and sampled to verify no remaining elevated hydrocarbons present?

- The Department is concerned with the elevated concentrations of TPH found throughout the site. Explain if the TPH's may present any health or environmental effects.

C 4

ABANDONED SITE PROGRAM DRIVE-BY RECORD

Site Name: UNITED CONCRETE PIPE

Site Location: 14041 EAST LIVE OAK AVENUE
BALDWIN PARK, CALIFORNIA

Facility File Number: _____

1. Status: a. **Active** ( ) b. **Different company** _____
Inactive (X) _____

2. Setting: a. **Urban** ( ) b. **Residential** ( ) c. **Near:**
Suburban ( ) **Commercial** ( ) **RR tracks** ( )
Rural ( ) **Industrial** (X) **Drainage** ( )
Agricultural ( ) _____ **Freeway** (X)

NEAR SANTA FE FLOOD CONTROL BASIN DAM OUTLET CHANNEL.

d. **Paved** 75% (X) e. **Unrestricted access** ( )
Partial pave ( ) **Restricted access** FACILITY IS FENCED
Unpaved ( ) WITH GUARD AT FRONT ENTRANCE

3. Waste Containment a. **Pond** (X) **Trash can** ( ) b. **Stored on:** **Ground** (X)
Pit ( ) **Dumpster** ( ) **Paving** (X)
Ditch ( ) **Bag/Sack** ( ) **Pallet** ( )
Pail/Can ( ) **Piled** (X) **2ndary contain.** ( )
Drum/Bbl (X) **Scattered** (X)
Tanks ( )

4. Waste Description (Quantities, Labeling) a. **Inert** (+) **Solid** ( ) b. **Color** LIQUID W/CLEAR PARAFIN WAX
Garbage ( ) **Sludge** (X)
Indstrl ( ) **Liquid** (X) SLUGE FROM THE BOTTOM OF POND
STEEL, CEMENT, AGGREGATES!

5. Misc. a. **Site observability** EXCELLENT b. **Odors** SWAMPY SMELL OCCASIONALLY
c. **Vegetation** YES d. **Topography** GENERALLY FLAT

6. Land Use (Surrounding area): INDUSTRIAL/ SANTA FE FLOOD CONTROL BASIN DAM ADJOINING PROPERTY.

7. Distance to surface water (including intermittent streams): SEE PEA

8. Distance to food processing/packaging or agricultural production: See PEA

9. Proximity of day care centers, hospitals, nursing homes, schools or other "sensitive" populations: SEE PEA

10. Estimate the number of people living and/or working in the immediate vicinity of the site. SEE PEA

11. Proximity to sensitive environment/ecosystem? (list) SEE PEA

12. Map & Comments Present a graphic site description. Draw, describe, and comment on the following: buildings, paving, storage (raw materials, products, and/or wastes), security, vacant areas, and housekeeping practices. Identify streets, landmarks, and directions. Label other pertinent data.

SEE ATTACHMENT

Name: Wendell Francisco

Date: 6/12/90

DATE JUNE 12, 1990

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR
SUNNY-WARM

SITE UNITED CONCRETE PIPE

TDD# _____

PHOTOGRAPHED BY:
W. FRANCISCO

SAMPLE ID#,'(if applicable)



DESCRIPTION: Sign ~~of~~ in front of Site

DATE JUNE 12, 1990

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

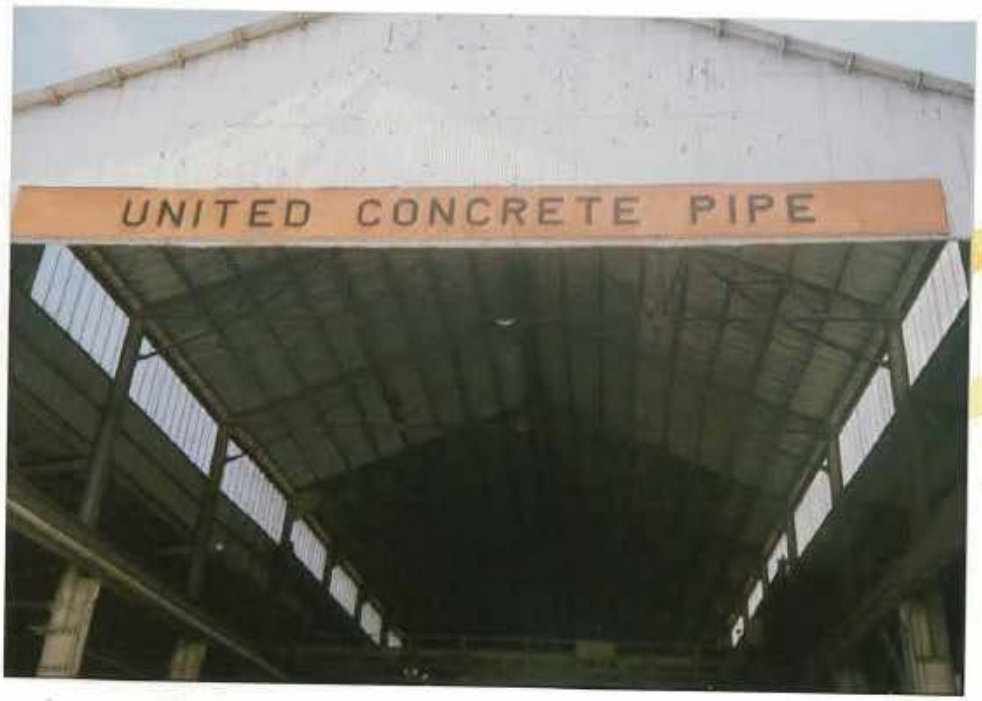
WEATHER CLEAR
SUNNY - WARM

SITE UNITED CONCRETE PIPE

TDD# _____

PHOTOGRAPHED BY:
W. FRANCISCO

SAMPLE ID#,'(if applicable)



DESCRIPTION: Shed on Site with Large Crane

DATE 6/12/90

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR
SUNNY & WARM

SITE UNITED CONCRETE PIPE

TDDF

PHOTOGRAPHED BY:
W. FRANCISCO

SAMPLE ID#,'(If applicable)



DESCRIPTION: Large Shed on Site.

DATE 6/12/90

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR
SUNNY & WARM

SITE UNITED CONCRETE PIPE

TDDF

PHOTOGRAPHED BY:
W. FRANCISCO

SAMPLE ID#,'(If applicable)



DESCRIPTION: Paved area infront of office

DATE 6/12/90

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR
SUNNY-WARM

SITE UNITED CONCRETE PIPE

TDUF

PHOTOGRAPHED BY:
W. FRANCISCO

SAMPLE ID#,'(if applicable)



DESCRIPTION: Concrete pipes

DATE 6/12/90

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR-
SUNNY-WARM

SITE UNITED CONCRETE PIPE

TDUF

PHOTOGRAPHED BY:
W. FRANCISCO

SAMPLE ID#,'(if applicable)



DESCRIPTION: Concrete pipe forms (empty)

DATE 6/12/90
TIME 10 (A.M.) P.M.
DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW
WEATHER CLEAR
SUNNY-WARM
SITE UNITED CONCRETE
TOUR PIPE
PHOTOGRAPHED BY:
W. FRANCISCO
SAMPLE ID#,'(if applicable)



DESCRIPTION: United Concrete Site.

DATE 6/12/90
TIME 10 (A.M.) P.M.
DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW
WEATHER CLEAR
SUNNY-WARM
SITE UNITED CONCRETE
TOUR
PHOTOGRAPHED BY:
W. FRANCISCO
SAMPLE ID#,'(if applicable)



DESCRIPTION: Pond with cured concrete pipes to the right.

DATE 6/12/90

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR
SUNNY-WARM

SITE UNITED CONCRETE

TDDF

PHOTOGRAPHED BY:
W. FRANCISCO

SAMPLE ID#,'(if applicable)



DESCRIPTION: Settling pond with pump in foreground.

DATE 6/12/90

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR-
SUNNY-WARM

SITE UNITED CONCRETE

TDDF

PHOTOGRAPHED BY:
W. FRANCISCO

SAMPLE ID#,'(if applicable)



DESCRIPTION: Pond with vegetation.

DATE 6/12/90

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR - SUNNY-WARM

SITE UNITED CONCRETE

TDUF

PHOTOGRAPHED BY: W. FRANCISCO

SAMPLE ID#,'(if applicable)



DESCRIPTION: Sludge from settling pond with vegetation

DATE 6/12/90

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR SUNNY-WARM

SITE UNITED CONCRETE

TDUF

PHOTOGRAPHED BY: W. FRANCISCO

SAMPLE ID#,'(if applicable)



DESCRIPTION: Pond bottom stockpile area.

DATE 6/12/90

TIME 10 (A.M.) P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER CLEAR
SUNNY-WARM

SITE UNITED CONCRETE

TDD# _____

PHOTOGRAPHED BY:
W. FRANCISCO

SAMPLE ID#,'(if applicable)

_____



DESCRIPTION: Pour line with discolored soil - said to be mineral oil used to release cement pipe from form.

DATE _____

TIME _____ A.M. P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER _____

_____

SITE _____

TDD# _____

PHOTOGRAPHED BY:

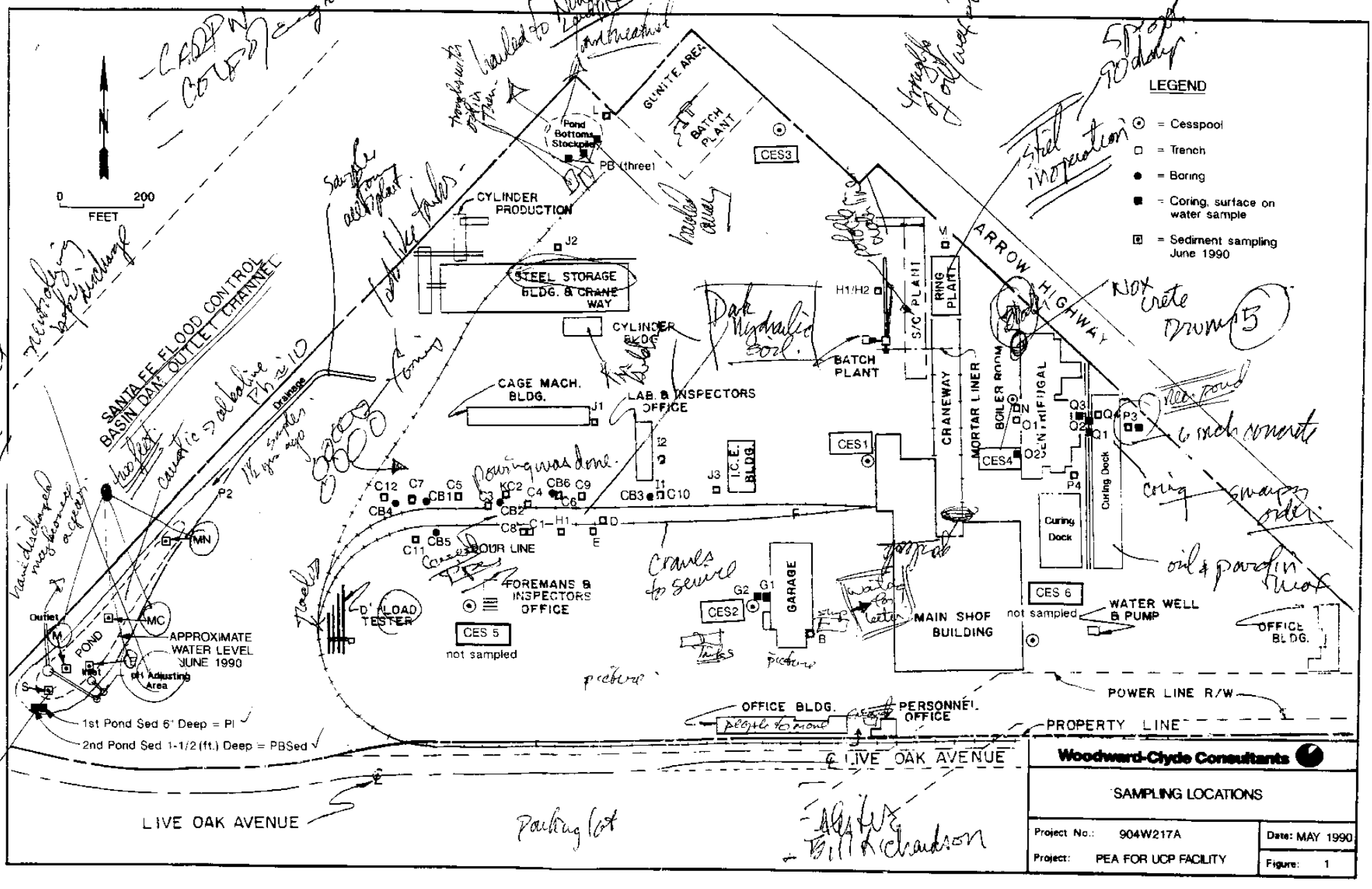
_____

SAMPLE ID#,'(if applicable)

_____

PHOTO

DESCRIPTION: _____



Woodward-Clyde Consultants

SAMPLING LOCATIONS

Project No.: 904W217A	Date: MAY 1990
Project: PEA FOR UCP FACILITY	Figure: 1

(818) 567-3077

KOLL

818 West Seventh Street
Suite 700
Los Angeles
California 90017
The Koll Company (213) 623-1038

FAX COVER SHEET

DATE: 6/8 NUMBER DIALED: (818) 567-3129

TO: Miguel Monroy / Wendell Francisco

COMPANY: _____

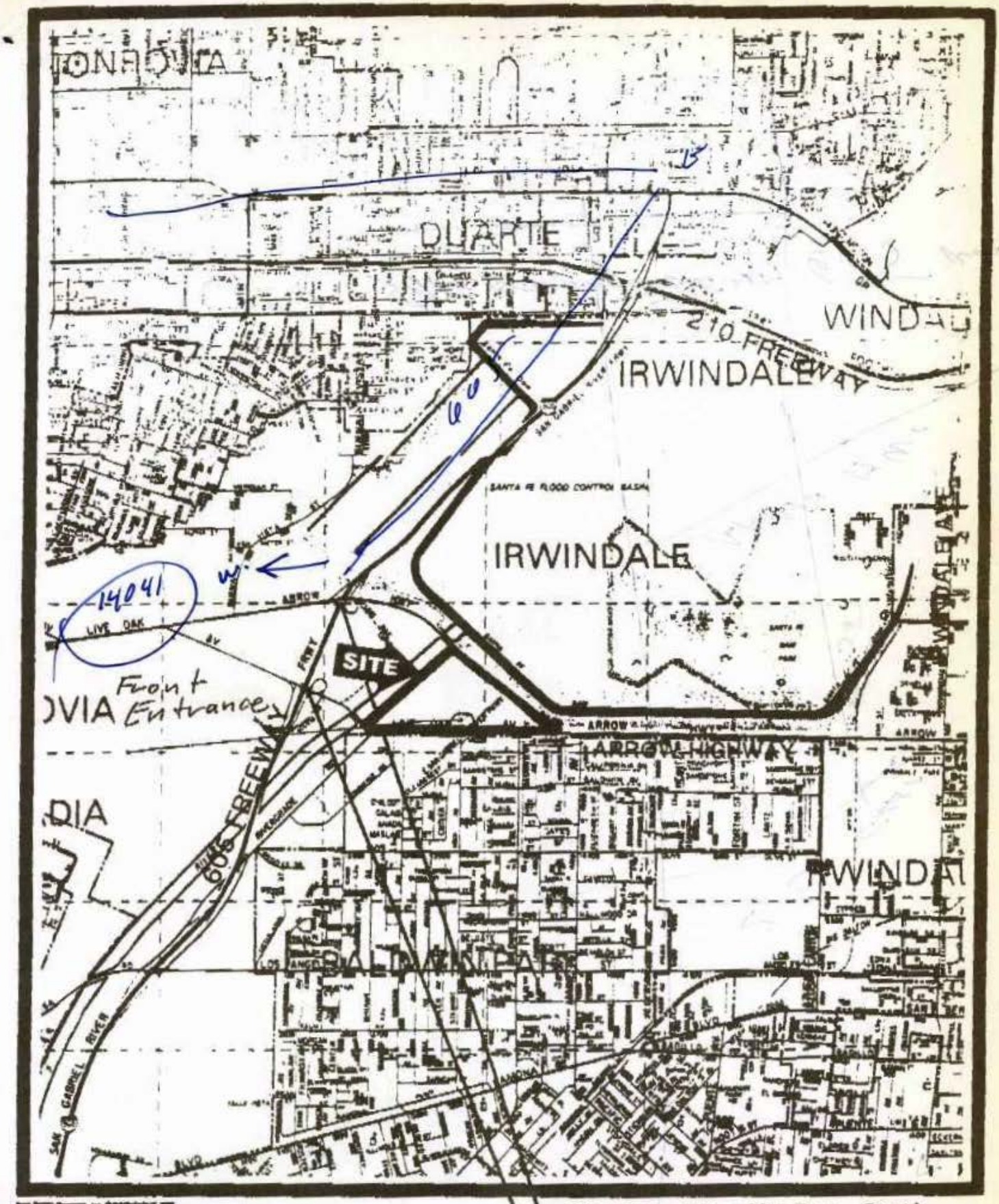
FROM: PETER C. TILTON
Development Manager

RE: 9:00 Monday Meeting United Concrete Pipe Site Tour PAGES: 2

COMMENTS/INSTRUCTIONS: We will meet at 9:00 at 14041 Live Oak Ave on Monday. Koll and Woodward Clyde will be there. When you arrive we will meet just inside the guard gate.

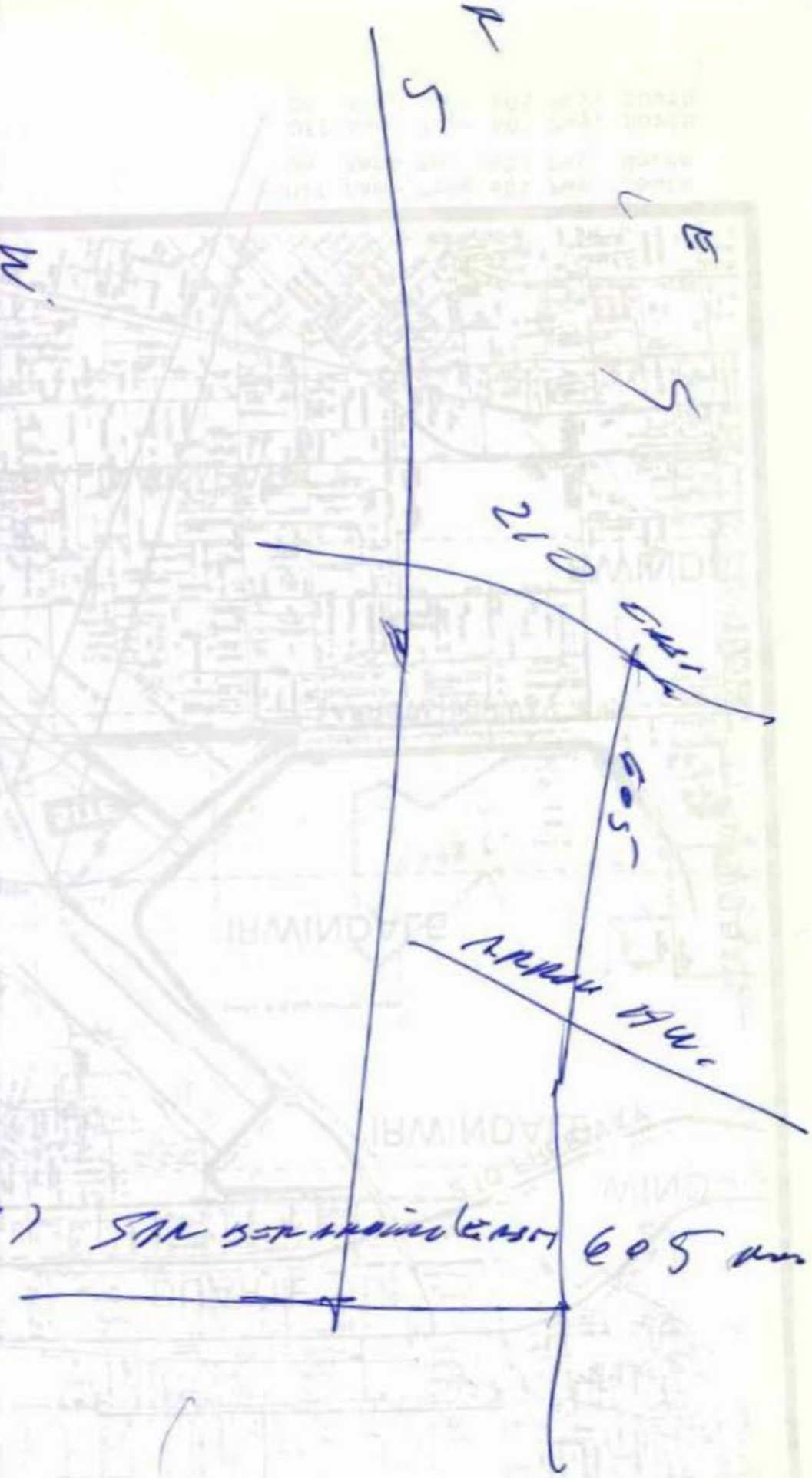
OPERATOR: JOANNE COOLEY - Secretary

Sending fax number: (213)629-4620
If not receiving properly, please call: (213)623-1038



- Off Ramp From 605 Fwy. South
- On Ramp To 605 Fwy. North

- Off Ramp From 605 Fwy. North
- On Ramp To 605 Fwy. South



(10) SAN BERNARDINO EAST 605 mm

605 [illegible]

5/29/90 PEA United Concrete Pipe mtg.

Wendell Francisco DHS - TOXICS

Jeff Dirtly The Koll Company

Peter Tilton The Koll Company

Alistair Callender Woodward - Clyde Cons

Miguel Monroy DOHS.

Update compiler DBase Program.

TEA mtg.
United Concrete 5/29/90
10:20 AM.

→ M^2 introduced the PEA program
- woodclyde
- DR. Tan Phong wrote the report.
- Wood/C implement a cleanup program Early 1989
- Jeff & Peter are neg. for the sale of the property.
  - condition of the site.
  - pour line.

- everything still exists as it is.
- waste oil sump on the property → boring.

* → soil went back into the excavation - was not hauled away.

- underground tanks/removed.
- no excavation → - pour line will be covered by a street.
  - commercial light industrial.
→ 700 yds by 8 ft wide.

Grass is always greener over the septic tank.

→ expand in conclusion
- conclusion insignificant

ALLEN, MATKINS, LECK, GAMBLE & MALLORY

ATTORNEYS AT LAW

A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

515 SOUTH FIGUEROA STREET, EIGHTH FLOOR

LOS ANGELES, CALIFORNIA 90071-3398

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MICHAEL E. GLEASON*
MARK SHIPLEY
O'MALLEY M. MILLER
THOMAS C. FOSTER
ROBERT J. CATHCART
R. MICHAEL JOYCE
GERBEN HOEKSMA
THOMAS W. HENNING
PATRICK E. BREEN
LAWRENCE D. LEWIS*
GEORGE T. MCDONNELL
MICHAEL F. SFREGOLA
JOSEPH E. MCKEEVER
GLENN A. SONNENBERG*
DAVID A. B. BURTON*
MONICA OLSON
THOMAS E. GIBBS
VERNON C. GAUNTT
DWIGHT L. ARMSTRONG
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JEFFREY A. HEINTZ
CRAIG D. SWANSON
DEAN E. ROEPER
RAMONA G. SEE
BRADLEY N. SCHWEITZER
BENNET H. VAN DE BUNT
DANIEL R. HATCH
BRETT M. FOY
SUSAN FINE KROLL
JERRY D. PALMER
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J. CRAIG WILLIAMS
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JON B. GRIZEL
MINA O. FROESCHLE
MARC S. HINES
MELISSA H. KILLAN
KAREN L. PALLADINO
JENNIFER M. CASEY
DAVID H. GOOSENBERG
BRIAN J. MOONEY
CLARA V. RUYAN
SCOTT S. WELTMAN

*A PROFESSIONAL CORPORATION

May 8, 1990

ORANGE COUNTY OFFICE

18400 VON KARMAN, FOURTH FLOOR

IRVINE, CALIFORNIA 92715-1597

TELEPHONE (714) 553-1313

TELECOPIER (714) 553-8354

SAN DIEGO OFFICE

4370 LA JOLLA VILLAGE DRIVE, SUITE 300

SAN DIEGO, CALIFORNIA 92122

TELEPHONE (619) 552-1515

TELECOPIER (619) 552-1518

WEST LOS ANGELES OFFICE

11111 SANTA MONICA BLVD., SUITE 1220

LOS ANGELES, CALIFORNIA 90025-3342

TELEPHONE (213) 477-3581

TELECOPIER (213) 478-7162

OUR FILE NUMBER:

K4737-069
205/18PH( )

WRITER'S DIRECT DIAL NUMBER:

Mr. Wendell Francisco
California Department of Health Services
1405 North San Fernando Boulevard
Suite 300
Burbank, California 91504

Re: Preliminary Endangerment Assessment for Property at 14041 East Live Oak Avenue Baldwin Park, CA

Dear Mr. Francisco:

This law firm represents The Koll Company in connection with its efforts to purchase and develop the above-captioned property. Enclosed please find a preliminary endangerment assessment (PEA) report to the Department of Health Services (DHS) prepared by Woodward-Clyde Consultants on behalf of The Koll Company. This PEA has been prepared in accordance with DHS's December 1989 draft guidelines and is for the property located at 14041 East Live Oak Avenue, Irwindale, California.

LAW OFFICES
ALLEN, MATKINS, LECK, GAMBLE & MALLORY
A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

Pursuant to applicable law and your letter of April 19, 1990 to The Koll Company, a check for $7,500 will be submitted to the State Board of Equalization under separate cover upon receipt of their billing. As we discussed with Mr. Hamid Safir of your department, The Koll Company would appreciate your rapid review of this document since the property in question is in escrow to be purchased by The Koll Company and the City of Irwindale. Therefore, we request that you provide us with written notification on or before May 29, 1990 of DHS's determination of whether or not further investigation or action is required for the site.

Very truly yours,

Bruce Howard

Bruce P. Howard

BPH:mla
Enclosure

KOLL

The Koll Company

818 West Seventh Street
Suite 700
Los Angeles
California 90017
(213) 623-1038

April 24, 1990

Mr. Wendell Francisco
Department of Health Services
1405 North San Fernando Road
Suite 300
Burbank, CA 91504

Re: Preliminary Endangerment Assessment
United Concrete Pipe Site - Irwindale

Dear Wendell:

At this time I would like to request the Department of Health Services' oversight and review of Woodward-Clyde's PEA Report regarding the United Concrete Pipe site in Irwindale. As requested, I have provided the following information:

o Site Name:	United Concrete Pipe Site
o Address:	14041 East Live Oak Avenue Irwindale, California
o Legal Owner:	United Concrete Pipe Corporation
o Environmental Consultant:	Woodward-Clyde Consultants
o Nature of Report:	Evaluation of Site Conditions
o Billing Name:	The Koll Company 818 West Seventh Street Suite 700 Los Angeles, CA 90017 Attn: Peter Tilton

Should you require any additional information, please do not hesitate to call.

Sincerely,

Peter C. Tilton
Development Manager

PCT:jc

cc: B. Howard
A. Callender
J. Dritley

PRELIMINARY ENDANGERMENT ASSESSMENT FOR THE UNITED CONCRETE PIPE MANUFACTURING FACILITY AT 14041 EAST LIVE OAK AVENUE IRWINDALE, CALIFORNIA

Prepared for:

California Department of Health Services
1405 San Fernando Boulevard, Suite 300
Burbank, California 91504

Submitted by:

The Koll Company
818 West Seventh Street, Suite 700
Los Angeles, California 90017

Prepared by:

Woodward-Clyde Consultants
203 North Golden Circle Drive
Santa Ana, California 92705

Project No. 904W217A
14 June 1990

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PRELIMINARY ENDANGERMENT ASSESSMENT FOR THE UNITED CONCRETE PIPE MANUFACTURING FACILITY AT 14041 EAST LIVE OAK AVENUE IRWINDALE, CALIFORNIA

1.0 INTRODUCTION

This report presents the results of a preliminary endangerment assessment (PEA) for the United Concrete Pipe (UCP) manufacturing facility in Irwindale, California. The PEA has been prepared using the draft guidance document of the Toxic Substances Control Program, California Department of Health Services (DHS) (State of California, 1989).

The objective of the PEA was to evaluate whether current or past operations at the site have resulted in the release of hazardous substances, posing a threat to public health and the environment. Upon review of the PEA report, DHS would recommend either "no further action" or site characterization and remediation.

Woodward-Clyde Consultants (Woodward-Clyde) has conducted site assessments, including sampling and analysis of soil and water, at areas of concern at the site (Woodward-Clyde Consultants, 1988 and 1989). The data obtained in these assessments were used in the preparation of this PEA for the UCP facility.

The facility is in the closure process. The Koll Company plans to develop approximately 55 acres of the property as a commercial park, with office and light industrial buildings. The City of Irwindale is purchasing 17 acres for a retail development.

2.0 SITE HISTORY AND DESCRIPTION

2.1 Site Location

The 74-acre UCP facility is located at 14041 East Live Oak Avenue in Irwindale, California (Figure 1). The telephone number is: 818/337-1211. The legal description of the UCP facility is recorded in Book 6, pages 80 through 82, and Parcels 639 and 642 (see Figure 2), within Township 1 South, Range 10 West, Section 6, in the subdivision of the Rancho Azusa De Duarte, in the City of Irwindale, Los Angeles County.

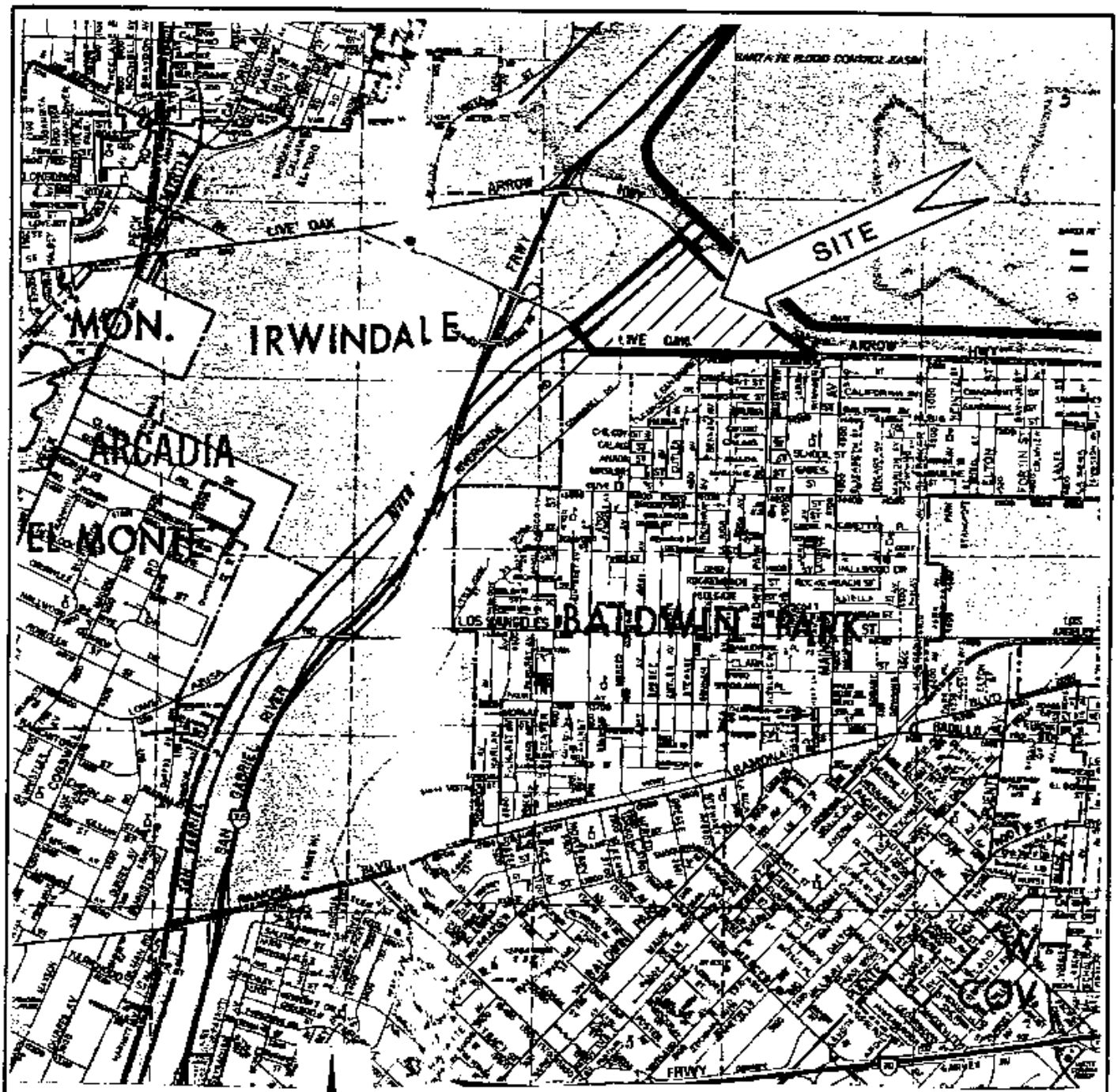
The facility has an EPA identification number for generation of waste oil; it is not listed on the Abandoned Site Program Information System (ASPIS) database.

2.2 Past and Current Site Activities

UCP has occupied this facility since it was constructed in 1936, and has manufactured a variety of types of concrete pipe at the facility since its inception. Figure 3 is a facility map showing site features.

The property is owned by UCP and was formerly operated as a concrete pipe manufacturing facility. No other businesses have been conducted on the premises by UCP or other corporations.

Two process activities at the facility produce effluent streams. In the centrifugal plant, paraffin (wax) is used in the concrete pipe form molds. Once the concrete pipe is set up, the paraffin is removed by steam. The bulk of the paraffin is contained immediately, but some residual amount remains within the steam cleaning effluent, which flows into one of two clarifiers. The clarifiers are composed of sections of concrete pipe buried vertically in the ground and connected near the bottom by horizontal pipe. The system



SCALE OF MAP PAGES: 1 INCH TO 2800 FEET
UNLESS OTHERWISE SHOWN

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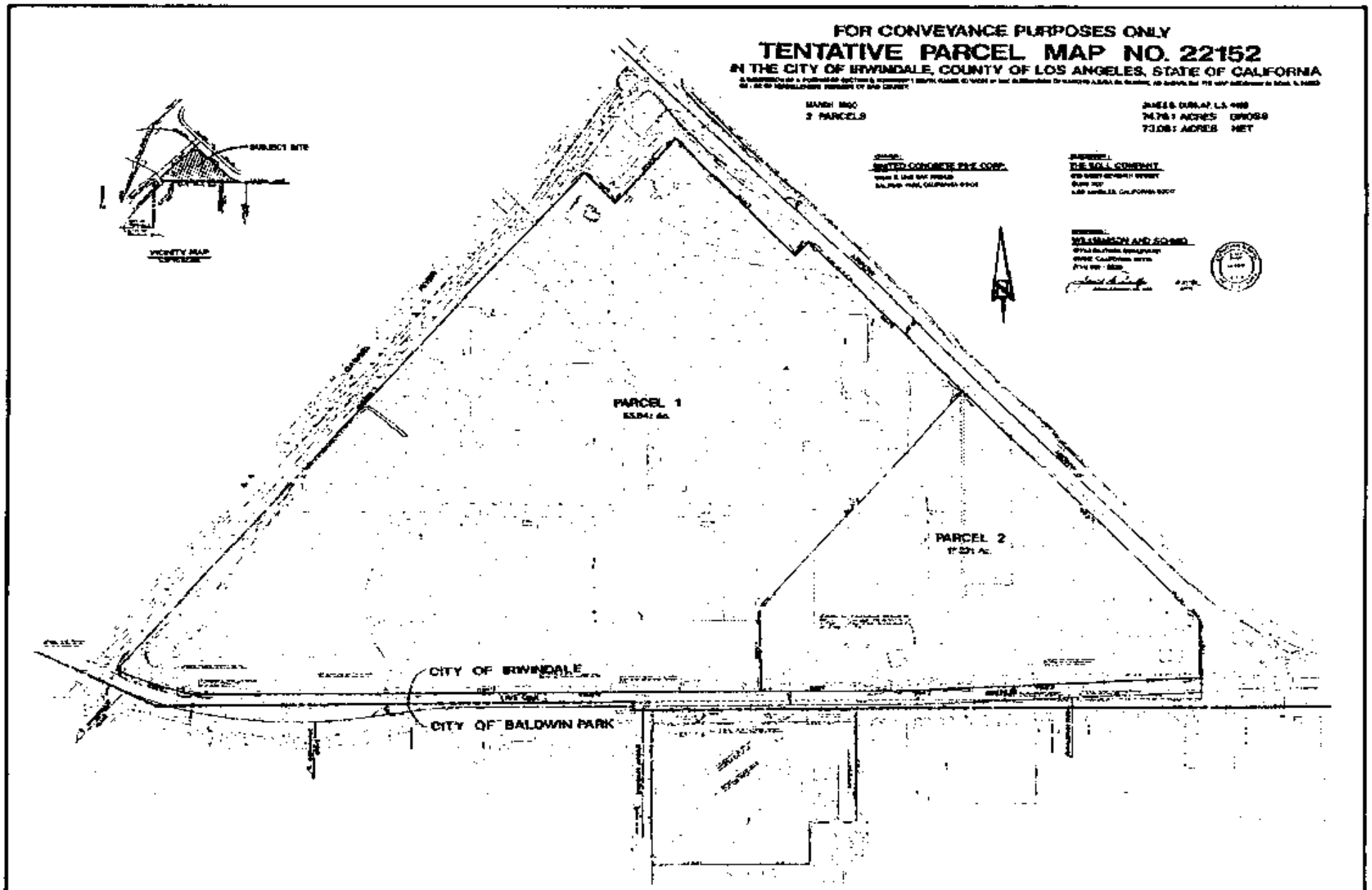
SITE LOCATION MAP

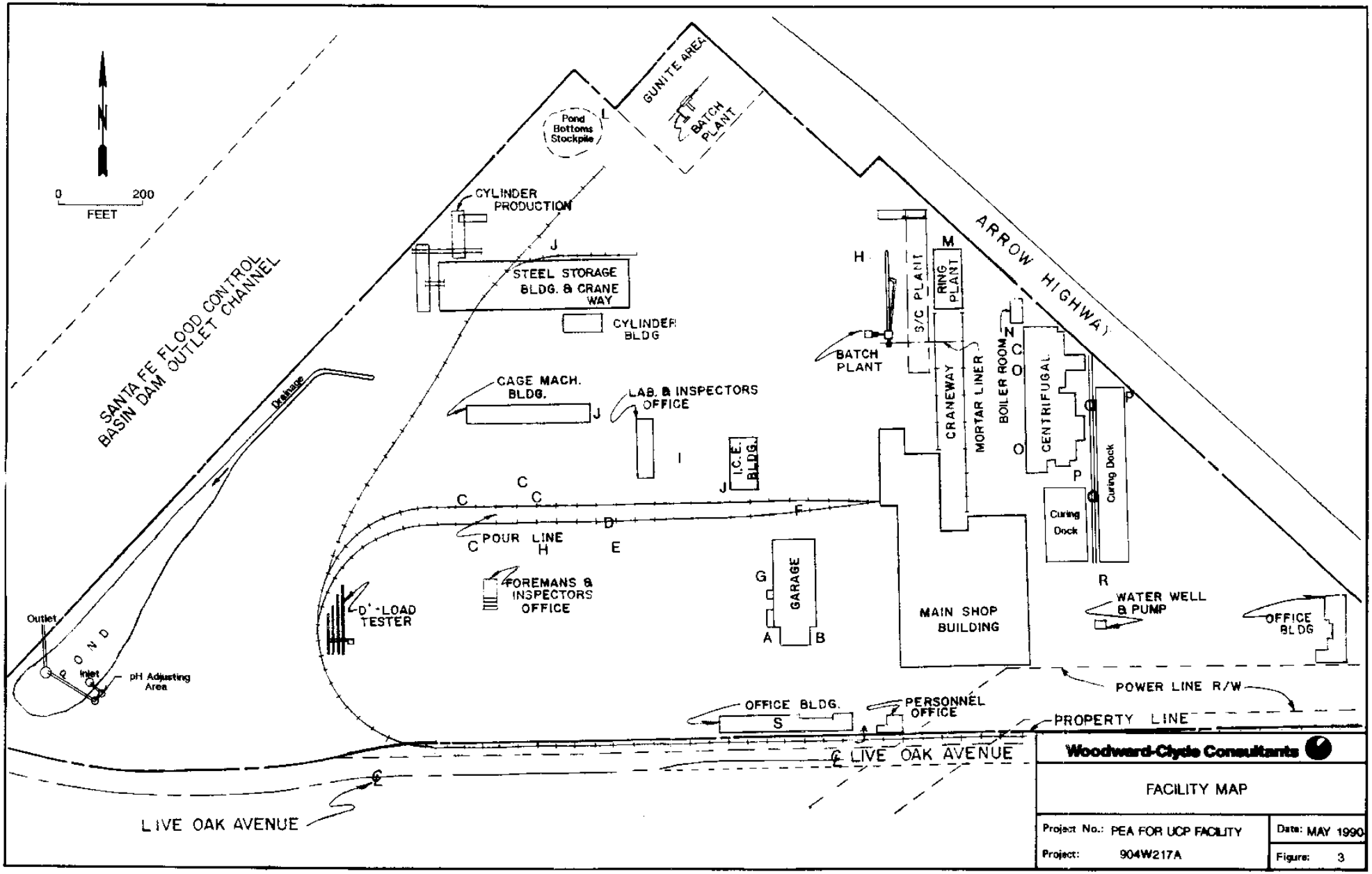
Project No.: 904W217A	Date: MAY 1990	Project: PEA FOR UCP FACILITY	Fig. 1

Woodward-Clyde Consultants



PARCEL MAP

Project No.: 904W217A	Date: MAY 1990	Project: PEA FOR UCP FACILITY	Fig. 2


N
0
200
FEET
SANTA FE FLOOD CONTROL BASIN DAM OUTLET CHANNEL
Drainage
Pond Bottoms Stockpile
GUNITE AREA
BATCH PLANT
CYLINDER PRODUCTION
STEEL STORAGE BLDG. & CRANE WAY
CYLINDER BLDG
ARROW HIGHWAY
S/C PLANT
RING PLANT
BATCH PLANT
CRANEWAY
MORTAR LINER
BOILER ROOM
CENTRIFUGAL
Curing Dock
Curing Dock
CAGE MACH. BLDG.
LAB. & INSPECTORS OFFICE
I.C.E. BLDG.
POUR LINE
FOREMANS & INSPECTORS OFFICE
D'-LOAD TESTER
GARAGE
MAIN SHOP BUILDING
WATER WELL & PUMP
OFFICE BLDG
Outlet
POND
Inlet
pH Adjusting Area
POWER LINE R/W
OFFICE BLDG.
PERSONNEL OFFICE
PROPERTY LINE
LIVE OAK AVENUE
LIVE OAK AVENUE
Woodward-Clyde Consultants
FACILITY MAP
Project No.: PEA FOR UCP FACILITY
Project: 904W217A
Date: MAY 1990
Figure: 3

allows the paraffin to float to the surface of the first pipe(s) and be skimmed off manually. The clarified effluent then flows out the top of the last pipe section and travels via a gutter to an underground drain, which empties into the onsite settling pond located on the west side of the facility.

The water that drains to the settling pond is recycled for use in curing the manufactured concrete pipe, which is the second process with an effluent stream. Rainbird sprinklers keep the surface of the concrete pipe moist during the curing period. Runoff water from this process either evaporates or flows into a surface drain or channel and is directed back to the settling ponds for recycling. Appendix A contains flow diagrams of the manufacturing processes that were used at the facility.

On the average, UCP has manufactured approximately 84,000 tons of concrete pipes annually in the last 3 years. In the manufacturing of concrete pipes, various raw materials and chemicals were used. These included aggregate(s) (gravel and rock), sand, cement (Types 2 and 5), steel (rods, bands, and mains), and small quantities of form oil (predominantly mineral oil), Amercoat (coal tar epoxy), concrete plasticizer (WRDA-19), and admixture for concrete. Material safety data sheets (MSDS) are provided in Appendix B for those chemicals which have MSDSs.

2.3 Hazardous Waste Management

According to information supplied by UCP in response to an inquiry by the Environmental Protection Agency concerning the San Gabriel Valley groundwater investigation, the facility does not generate, store, treat, or dispose of hazardous

waste and has never used chlorinated solvents on site. A review of files available at regulatory agencies' offices supported this claim. These agencies included the following:

- U.S. Environmental Protection Agency (EPA), Region IX
- Los Angeles County Department of Public Works (LACDPW)
- California Department of Health Services
- California Regional Water Quality Control Board (RWQCB) - Los Angeles Region
- Los Angeles County Department of Health Services
- Los Angeles County Fire Department
- South Coast Air Quality Management District (SCAQMD).

There are no hazardous waste permits currently or previously held by the facility. However, UCP has an NPDES permit from the California Regional Water Quality Control Board (RWQCB) for the discharge of process water, and several permits from the South Coast Air Quality Management District (SCAQMD) for dust control. A listing of permits is provided in Table 1. The EPA identification number was for the generation of waste oil.

There have been no inspections or citations given by regulatory agencies concerning waste management at the site. Woodward-Clyde personnel visited the UCP facility on 9 December 1988 during the initial preliminary site assessment. The observations made during this site visit are summarized in Table 2.

TABLE 1

PERTINENT ENVIRONMENTAL PERMITS FOR UCP FACILITY

Agency	Permit No.	Where Applied
SCAQMD	042863	Conveyor
SCAQMD	M33778	Boiler
SCAQMD	M48046	Illegal equipment category
SCAQMD	M49788	Illegal equipment category
SCAQMD	M49789	Concrete batch plant
SCAQMD	A13049	Dust filter
SCAQMD	A12030	Conveyor
SCAQMD	A12031	Open-air abrasive blasting
SCAQMD	P08460	Concrete batch plant
SCAQMD	P08461	Dust filter
SCAQMD	P06446	Concrete batch plant
SCAQMD	P06447	Concrete batch plant
SCAQMD	P07440	Annual billing
SCAQMD	P08464	Open-air abrasive blasting
SCAQMD	P29263	Concrete batch plant
SCAQMD	P29264	Spraying device
SCAQMD	P55816	Boiler
SCAQMD	P55817	Boiler
SCAQMD	P55815	Boiler
SCAQMD	M08168	Open-air abrasive blasting
SCAQMD	M08169	Plasma arc cutting torch
SCAQMD	M08170	Conveyor
RWQCB	CA0001597	NPDES
US ARMY COE	DACW09-3-85-21	Pond discharge
LACDPW	HMUSP157	Underground storage tanks
EPA	CAD003986718	Hazardous materials

TABLE 2

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN IDENTIFIED IN THE DECEMBER 1988 SITE VISIT

Area(1)	Environmental Concern
A	Underground fuel storage tanks: (1) One 10,000-gallon unleaded, steel, single-wall, with two vadose-zone monitoring wells (2) One 10,000-gallon diesel, fiberglass, double-wall, with annular liquid sensor. Both tanks were installed under the direction of LACDPW, and permits have been applied for. Also, two 10,000-gallon and one 1,000-gallon fuel tanks have been removed from this area. LACDPW has signed off the excavation as clean.
B	Waste oil sump with known soil contamination.
C	Significant surface staining in form oil area.
D	Large stained area under rail equipment, next to vertical casting area.
E	55-gallon drum set up for dispensing; unknown content; surface staining around drum and soil.
F	Rail crane maintenance; surface staining.
G	Engine steam-cleaning area with asphalt dike and soil bottom. Several 55-gallon drums next to it labeled as hydraulic oil and thinner. Possible solvent use in this area.
H	Several drums labeled as WRDA-19 superplasticizer, ASTM C-494.
I	Pallet of 1- to 5-gallon containers of paints and solvents sitting in the open.
J	Electrical transformers containing PCBs; labeled, diked, and fenced.
K	55-gallon drums labeled McGean-Rohco, Inc., form finish oil (Product # 15607).
L	55-gallon drum set up for dispensing thinner. No surface staining on gravel soil.
M	Water draining out the back wall of the ring plant, possibly from metal cutting processes.
N	One 8,000-gallon and two 10,000-gallon diesel tanks excavated and removed from this area. LACDPW has signed off the excavations as clean.
O	Settling pond.
P	Paraffin collecting areas.
Q	Hydraulic fluid all around stripper tracks.
R	20-gallon drum of weed killer on pallet, in open.
S	Electrical transformer in basement crawlspace; unlabeled and possibly PCB-containing.

(1) See Figure 3, Facility Map.

2.4 Management of Underground Storage Tanks

There were seven underground storage tanks (USTs) at the UCP facility which had been removed as of March 1989. These USTs, ranging in capacity from 1,000 gallons to 10,000 gallons, were used to store gasoline, diesel fuel, and waste oil. The removal of these USTs and affected soil was performed with closure permits from the Los Angles County Department of Public Works (LACDPW) during the period of October 1987 to March 1989.

Currently, there are two 10,000-gallon, active USTs: one stores unleaded gasoline, and the other stores diesel. These two tanks are operating with a permit (No. HMUSP157) from the LACDPW. According to the proposed site development plan, the tanks will be removed prior to site grading. Tank removal records are included in Appendix C.

3.0 APPARENT PROBLEM

Woodward-Clyde conducted a field investigation during the period of December 1988 to January 1989 to evaluate potential areas of concern identified in the preliminary site assessment. Trenches were excavated and samples collected from the surface and at varying depths from Areas B, C, D, E, F, M, P, and Q (see Figure 4). In addition, samples of water and sludge were collected from the ponds (Area O), and samples of solids were collected from onsite waste piles. Details of the field investigation and findings are summarized in Section 4, Sampling Activities.

4.0 SAMPLING ACTIVITIES

Woodward-Clyde conducted a field investigation to assess the potential presence and concentrations of petroleum

hydrocarbons and chemicals of concern at eight areas. Water and sludge samples from the settling ponds and solid samples from onsite waste piles were also collected for laboratory analysis. Details of the field investigation program are provided in Appendix D. Figure 4 shows sampling locations. Analytical results are included in Appendix E and are summarized in Tables 3 and 4.

4.1 Pour Line - Area C

Soil samples were collected from trenches and borings along the pour line (Area C) at the locations shown on Figure 4. The analytical data presented in Table 3 show that total petroleum hydrocarbons (TPH) at concentrations exceeding 100 ppm were present at depths of up to approximately 24 feet at locations along the pour line. At depths greater than 24 feet, TPH concentrations declined to levels below 100 ppm.

4.2 Centrifugal Line - Areas N, O, Q

This area is the oldest part of the facility, and visible soil staining was present. Trenches were excavated and borings advanced in the area outside of the building, because equipment access to the interior of the building was limited. The area was generally covered with layers of asphalt and/or concrete of varying thicknesses.

Generally, in the areas where it was present, the visible staining appeared to be confined to the top 8 to 10 inches of soil. The material in and on the soil appeared to be hydrocarbons (such as wax or form oil) associated with the manufacturing operation. No evidence of volatile organic compounds was uncovered during field work. Screening of soil for volatiles was performed with an organic vapor analyzer (OVA), using a headspace analysis technique.

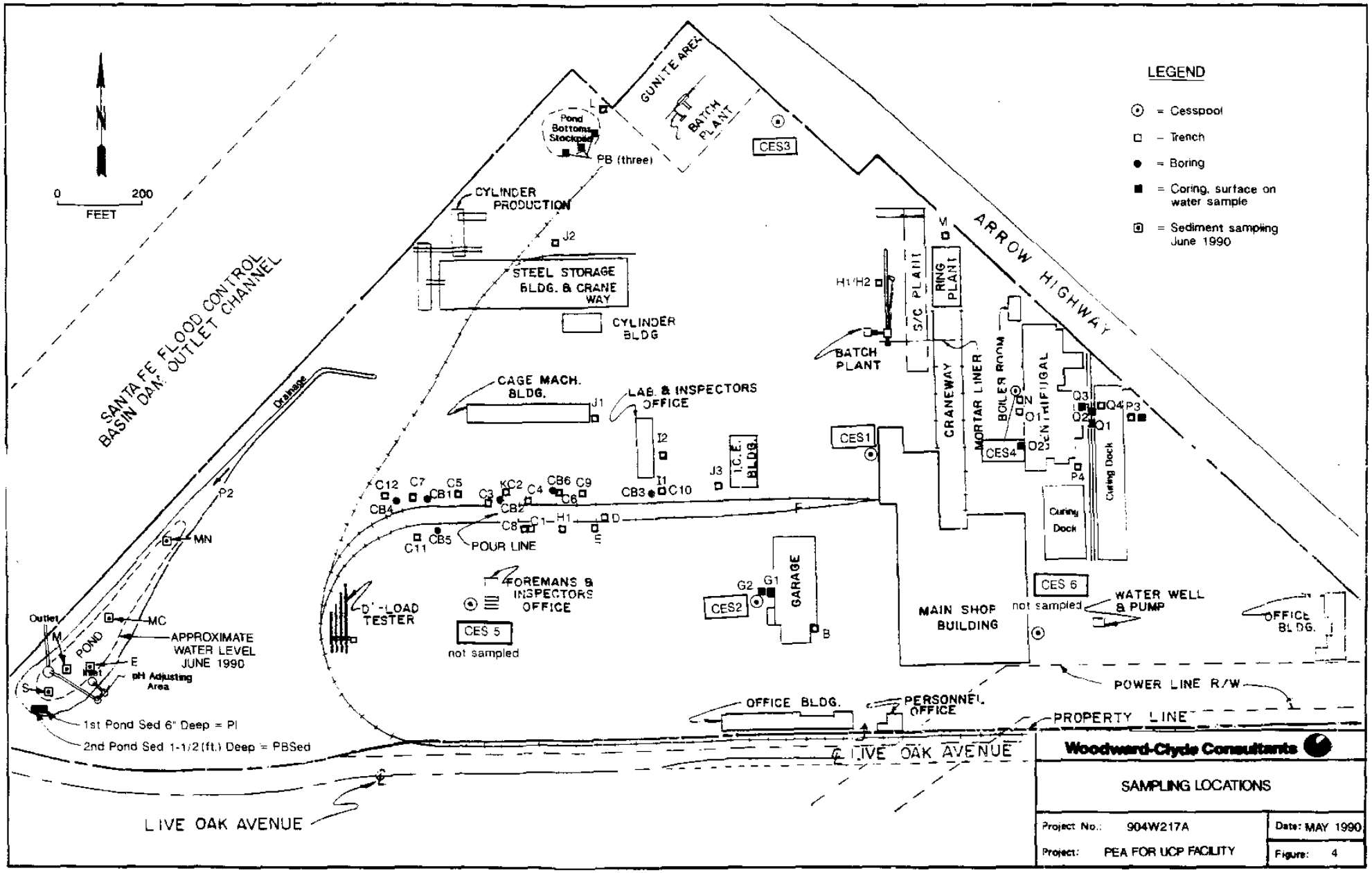

LEGEND
= Cesspool
= Trench
= Boring
= Coring, surface on water sample
= Sediment sampling June 1990
0 200
FEET
SANTA FE FLOOD CONTROL BASIN DAM OUTLET CHANNEL
Drainage
GUNITE AREA
BATCH PLANT
Pond Bottoms Stockpile
PB (three)
CES3
CYLINDER PRODUCTION
J2
STEEL STORAGE BLDG. & CRANE WAY
CYLINDER BLDG
ARROW HIGHWAY
H1/H2
S/C PLANT
RING PLANT
BATCH PLANT
CRANEWAY
MORTAR LINER
BOILER ROOM
CENTRIFUGAL
CES4
Curing Dock
CAGE MACH. BLDG.
J1
LAB. & INSPECTORS OFFICE
I2
I1
J3
I.C.E. BLDG.
CES1
C12
C7
C5
CB1
C3
KC2
C4
CB6
C9
C6
CB4
CB2
C8
C1
H1
D
E
F
C11
CB5
POUR LINE
P2
MN
FOREMANS & INSPECTORS OFFICE
D'-LOAD TESTER
CES 5
not sampled
G2
G1
GARAGE
CES2
B
MAIN SHOP BUILDING
CES 6
not sampled
WATER WELL & PUMP
OFFICE BLDG.
POWER LINE R/W
OFFICE BLDG.
PERSONNEL OFFICE
PROPERTY LINE
Outlet
M
MC
POND
APPROXIMATE WATER LEVEL JUNE 1990
E
Inlet
pH Adjusting Area
S
1st Pond Sed 6" Deep = PI
2nd Pond Sed 1-1/2 (ft.) Deep = PBSed
LIVE OAK AVENUE
LIVE OAK AVENUE
Woodward-Clyde Consultants
SAMPLING LOCATIONS
Project No.: 904W217A
Date: MAY 1990
Project: PEA FOR UCP FACILITY
Figure: 4

TABLE 3

ANALYTICAL RESULTS OF SOIL ANALYSES
(concentrations in mg/kg, or ppm, unless otherwise noted)

AREA	SAMPLE NO.	DEPTH (feet)	TPH[A]	GASOLINE	DIESEL FUEL	KEROSENE	MINERAL SPIRITS	C_9-C_{30} HYDROCARBONS	VOLATILE ORGANICS (ug/kg)	VOLATILES (C_8-C_{11})
B	B5	5	*	<10	610	<10	<10	10,000		
	B5	5		<10	310	<10	<10	6,400		
	B-Surf	Tank Contents	1,000,000	<10	83,600	<10	<10	<10		
	B (North)	10	38							
	B (South)	10	607							
C	C1-Surf	Surface	150,000						ND	
	C1-5	5	300						ND	
	C1-15	15	ND[B]						ND	
	C3	Surface		<10	49,000	<10	<10	9,900		
	C3	7							Toluene 9; all other ND	20
	C3	12	7,400	<10	<10	<10	<10	8,500		
	C4-Surf	Surface	ND					2,300		
	C4	5							<1 ppm	
	C4	15							<1 ppm	
	CK2	Surface		<10	<10	<10	<10	33,000	<1 ppm	
	CK2	15							<1 ppm	
	C5B	1	915							
	C5B	5	1,710							
	C5B	8	15,100							
	C5B	18	16,800							
	C6	1	82							
	C6	7	17							
	C7(18)[C]	3	2,500							
	C7(35)	10	3							
	C7(18)	11	4,450							
	C7(28)	12	6,380							
	C7(12)	15	11,500							
	C7(23)	17	10,800							
	C7(37)	17	ND							
	C8	2	9,680							
	C8(DUP)[D]	2	6,660							
	C8	16	ND							

A - TPH = total petroleum hydrocarbons (by EPA Method 418.1).
B - ND = not detected; see Appendix E for detection limits.
C - Numbers in parentheses represent distances relative to area of interest; see description of Sampling Program, Appendix D.
D - DUP = duplicate sample
* Blank spaces indicate that no samples were analyzed for that parameter.

TABLE 3 (continued)
ANALYTICAL RESULTS OF SOIL ANALYSES
(concentrations in mg/kg, or ppm, unless otherwise noted)

AREA	SAMPLE NO.	DEPTH (feet)	TPH[A]	GASOLINE	DIESEL FUEL	KEROSENE	MINERAL SPIRITS	C_8-C_{30} HYDROCARBONS	VOLATILE ORGANICS (ug/kg)	VOLATILES (C_8-C_{11})
C (contd)	C9(20)	2	11,700							
	C9(15)	6	1,540							
	C9(15)	10	503							
	C9(20)	15	ND							
	C10(12)	5	2,030							
	C10(20)	10	1,990							
	C10(DUP)	10	1,510							
	C10(12)	15	4							
	C10(22)	15	2,360							
	C11	2	8,260							
	CB1-1	10	159							
	CB1-2	19	153							
	CB1-3	31	58							
	CB1-4	46	28							
	CB1-5	50	13							
	CB1-6	54	6							
	CB2-1	5	5,260							
	CB2-2	7	4,800							
	CB2-3	13	2,940							
	CB2-4	24	662							
	CB2-5	45	18							
	CB2-6	50	18							
	CB3-1	12	149							
	CB3-2	20	106							
	CB3-3	35	11							
	CB4-1	5	570							
	CB4-2	9	4,200							
	CB4-3	19	582							
	CB4-4	28	87							
	CB5-2	14	140							
	CB5-3	33	31							
	CB6-1	5	18							
	CB6-4	28	ND							
	CB6-5	37	8							

A - TPH = total petroleum hydrocarbons (by EPA Method 418.1).
B - ND = not detected; see Appendix E for detection limits.
C - Numbers in parentheses represent distances relative to area of interest; see description of Sampling Program, Appendix D.
D - DUP = duplicate sample
* Blank spaces indicate that no samples were analyzed for that parameter.

TABLE 3 (continued)
ANALYTICAL RESULTS OF SOIL ANALYSES
(concentrations in mg/kg, or ppm, unless otherwise noted)

AREA	SAMPLE NO.	DEPTH (feet)	TPH[A]	GASOLINE	DIESEL FUEL	KEROSENE	MINERAL SPIRITS	C_9-C_{30} HYDROCARBONS	VOLATILE ORGANICS (ug/kg)	VOLATILES (C_8-C_{11})
E	E-Surf	Surface							ND	
	E-5	5							ND	4
G	G	1							ND	ND
L	L	Surface							ND	100 alkyl-benzenes; 2,000 aliphatic/ alicyclic hydrocarbons
	L	2							ND	ND
M	M	Surface							ND	3.0
	M	5							ND	ND
O	O1									
	O2								ND	ND
POND	P1(sediments)	0.5							ND	ND
	P2(sediments)	0.5							ND	ND
	P2(sediments)	0.5							ND	ND
POND (South)	PBSED2	1.5	4,430		2,540				ND	ND
POND BOTTOM	PB	Surface								
Q	Q	Surface							ND	ND
	Q1	1		ND	ND	ND	ND	ND	ND	ND
	Q2	1		ND	ND	ND	ND	1,100		
	Q3-4	4	13						ND	
	Q3-6	6	21							
	Q5-1	1	4							

A - TPH = total petroleum hydrocarbons (by EPA Method 418.1).
B - ND = Not Detected; see Appendix E for detection limits.
C - Numbers in parentheses represent distances relative to area of interest; see description of Sampling Program, Appendix D.
D - DUP = duplicate sample
* Blank spaces indicate that no samples were analyzed for that parameter.

TABLE 4

AQUEOUS ANALYTICAL RESULTS

Area and Sample No.	Volatile Organics (in ppb) (EPA Method 8240 or 601/602)	
Westerly Pond[1]:		
P1 South	ND[2]	
P2 North	ND	
Ponds by Centrifigal Line:		
O1	methylene chloride toluene	57 2
O2	ND	
Cesspools:		
CES-1B	benzene total xylenes toluene	2 80 30
CES-2B	ethylbenzene	3
CES-3B	ND	
CES-4B	ND	

(1) Samples collected from north and south ends of pond; see Figure 4.
(2) ND = not detected; specific detection limits presented in Appendix E.

4.3 Batch Plant - Area H

WRDA-19, a concrete plasticizer and water-reducing compound was stored at the batch plant (Area H). Volatile organic compounds were not detected using headspace analysis by an OVA. Soil under the asphalt paving was stained, but no staining was noted at the 8- or 16-inch depths.

4.4 Thinner Storage Area/Ring Plant - Area L

A surface soil sample collected from the thinner storage area (Area L) and analyzed for volatile organic compounds by EPA Method 8240 contained 2,100 ppm of C_9-C_{11} hydrocarbons. A soil sample collected at a 5-foot depth did not contain measurable amounts of hydrocarbons or volatile organic compounds.

Soil samples were taken at the ring plant (Area M) and evaluated using EPA Method 8240. These samples showed no detectable concentrations of volatile organic compounds. Soil samples were also collected from an area where water drains out the back wall of the ring plant. UCP personnel reported that this water is non-contact cooling water used in the ring plant. The analytical results showed no detectable concentrations of volatile organic compounds in this area, except for 3 ppm of a C_8-C_{11} hydrocarbon fraction in a surface sample.

4.5 Solvent Usage Areas - Areas I and G

According to UCP personnel, there has been no significant solvent use at the facility. The area of suspected solvent storage/use identified, Area I, was investigated by installing trenches (I1 and I2). No visible evidence of solvents, such as a loss of integrity, was present on the

asphalt overlying this area, and excavation of the two trenches did not uncover evidence of volatile organic chemicals when the soil was screened with an OVA.

One other area of suspected solvent use was west of the garage area, where steam-cleaning of vehicles occurred. Again, trenches were excavated (G1 and G2), but no evidence of the presence of solvents, such as odor or elevated OVA readings, was observed in soil samples taken from the trenches. It should be noted that this area was covered by a concrete slab and asphalt.

4.6 Transformer Area - Area Q

According to information furnished by UCP, the polychlorinated biphenyls (PCBs) transformer dikes were installed in 1981. Concrete slabs existed at that time and presumably were poured prior to initial transformer installation. Probable dates of transformer installation are: poured pipe cage, Mach transformer, 1963; I.C.E. Building transformers, 1963; vertical cylinder plant transformers, 1968.

A soil sample from the transformer area (Area Q) was analyzed for PCBs; the concentration was not detectable at 1 µg/kg (ppb). Soil samples from the surface and from an approximately 5-foot depth were also collected and analyzed from Area J3, where a transformer is located. PCBs were not detected in the soil samples, and there was no visible discoloration of the soil. Trenches were also excavated adjacent to the transformers at the steel storage building (J2) and the cage machine building (J1). Again, no visible evidence of soil contamination was present.

4.7 Ponds

There are a number of settling ponds at the site. The major pond is located on the western portion of the facility, and received both runoff from the site and the effluent from the pipe curing operations (see Section 2.2). This water was recycled during normal plant operations. Other settling ponds are located east of the centrifugal line (P3 on Figure 4) and west of the centrifugal line (01 and 02 on Figure 4).

Samples of water and sediment were collected from these ponds. Analytical results of the sediment samples are summarized in Table 3; Table 4 presents the aqueous analytical results. The aqueous samples from the pond on the west side of the facility did not contain detectable amounts of volatile organic compounds (EPA Method 8240). The ponds adjacent to the centrifugal line also did not contain detectable amounts of volatile organic compounds, except for 2 ppb of toluene and 57 ppb of methylene chloride in one sample. However, sediment samples collected from the southern end of the pond on the west side of the facility contained elevated (greater than 1,000 ppm) concentrations of TPH (see Table 3, sample number PBSED2). More comprehensive sampling conducted in June 1990 included the collection of ten additional sediment samples, at depths of 6, 24, 36, and/or 42 inches at five locations. Concentrations of TPH for these samples were less than 500 ppm as measured by EPA Method 418.1. Moreover, the TPH concentration decreased with depth at four of the five sampling locations, and all of the samples collected below the 24-inch depth showed TPH concentrations less than 200 ppm.

4.8 Septic Tanks

Aqueous samples were collected from the septic tanks (cesspools) and analyzed for solvents and metals. The results indicated that the septic tanks probably received primarily domestic flows and not solvents or waste streams from the manufacturing process (see Table 4). One possible exception is the septic tank at the northwest corner of the main shop building, which contained low concentrations of benzene (2 ppb), toluene (30 ppb), and xylenes (80 ppb). Due to the age of the cesspools, little information is available on their design and construction. However, according to UCP personnel, it is likely that a leach field is associated with each cesspool. The tested cesspools are located within the manufacturing facility north of Live Oak Avenue and are in the City of Irwindale.

Underlying stratigraphy has been reported to consist primarily of sands and cobbles to depths explored. Under normal conditions, this would probably allow for the biological activity necessary for the leach field treatment concept to be viable. Groundwater is reported to occur at a depth of approximately 170 feet below the site. Therefore, it is unlikely that the groundwater quality is impacted by the effluent leaving the cesspools.

4.9 Waste Oil Sump - Area B

The waste oil sump area (Area B) consisted of a 500-gallon concrete sump piped to a 3,000-gallon steel storage tank. Part of this area was excavated and two samples were collected, at about 1 foot up from the bottom of the tank at both ends. The samples in the south and north ends at a depth of 10 feet showed 607 and 38 ppm of total petroleum hydrocarbons, respectively.

The waste oil sump area was excavated in March 1989, and the sump and tank, along with about 150 tons of affected soil, were removed and disposed of off site.

4.10 Evaluation of Hazardous Characteristics

Two soil samples from the pour line area (Area C) were evaluated to assess whether they were hazardous under the California Administrative Code, Title 22. These samples were collected from depths of 16 and 23 feet, respectively. These depths were chosen so that the characteristics of the petroleum hydrocarbons used as form oil in the past could be evaluated. The samples were analyzed for flammability (EPA Method 1010), pH (EPA Method 9045), volatile organics (EPA Method 8240) and semi-volatile organics (EPA Method 8270), and acute aquatic toxicity. Results are included in Appendix E. The material was found to have no detectable flash point. The material was not corrosive because pH of the material was between 8.74 and 9.13. Volatile organics quantified in the samples were toluene (0.05 ppm), ethylbenzene (0.03 ppm), and 1,1,1-tri- chloroethane (0.03 ppm). Acetone at 0.60 ppm was detected in one sample; the State-certified laboratory (CRL) stated that this was most likely attributable to laboratory contamination. No semi-volatile organic compounds were detected in the two soil samples analyzed. Furthermore, results indicated that the material is non-hazardous with respect to acute aquatic toxicity.

4.11 Summary of Site Investigation

The investigative program conducted by Woodward-Clyde evaluated the areas of potential environmental concern at the UCP manufacturing facility. Soil, sediment, or water samples from the pour line, waste oil sump, centrifugal line, and ponds contained elevated concentrations of organic compounds,

primarily petroleum hydrocarbons. A surface sample collected from the thinner storage area also contained elevated concentrations of petroleum hydrocarbons.

Soil at the pour line contained elevated concentrations (greater than 100 ppm) of C_8-C_{35} hydrocarbons at depths of up to 24 feet below the ground surface, along a length of approximately 400 feet and width of about 25 feet. Samples with elevated concentrations of hydrocarbons from the pour line area were non-hazardous waste per Title 22 of the California Administrative Code criteria.

In general, although the soil from specific areas of the site, most notably the pour line, contains elevated concentrations of hydrocarbons, it appears that the release of hydrocarbons in soil is limited to past site activities. No evidence of significant releases of solvents was uncovered by this investigation, although low concentrations of volatile organic hydrocarbons were found in the soil at some locations. The hydrocarbons present in the soil do not appear to pose a threat to public health and the environment.

5.0 ENVIRONMENTAL SETTING

The UCP pipe manufacturing facility is located on approximately 74 acres of land situated immediately southwest of the Santa Fe Dam and east of the San Gabriel River Channel. It is bounded on the south by Live Oak Avenue, and on the northeast by Arrow Highway. Ground surface elevations at the site range from approximately 410 to 425 feet mean sea level (MSL).

The facility is situated in the north-central area of the San Gabriel Valley Groundwater Basin, and overlies fresh-water-bearing deposits of that basin. The basin is an

elongated, alluvium-filled valley extending from the central part of Los Angeles County almost to its eastern boundary. The valley, which is approximately 14 miles wide, is bordered on the north by the San Gabriel Mountains and on the south by the Repetto, Puente, and San Jose hills. A topographic divide marks the eastern boundary of the basin, and the Raymond Fault serves as the northwestern boundary. The surface area of the valley floor is approximately 100,000 acres.

Average annual precipitation in the site vicinity is approximately 14 inches, although rainfall in the San Gabriel Mountains, to the north, exceeds 35 inches annually at the higher elevations. Because these mountains are composed primarily of non-water-bearing rock, local precipitation in the mountains runs off through San Gabriel Canyon, providing sources of recharge to the water-bearing deposits underlying the valley floor in the vicinity of the site. The region's groundwater gradient from the mouth of San Gabriel Canyon is to the south and west.

The principal drainage in the area is the San Gabriel River, located immediately west of the site. The river banks are lined with concrete; the river bottom consists of native alluvial sand and gravel deposits.

The surface deposits in the site area are recent alluvium deposited by the San Gabriel River. These deposits overlie older alluvium. The central portion of the San Gabriel Valley Groundwater Basin has water-bearing deposits averaging about 1,000 feet in thickness. The alluvium that comprises the water-bearing materials in the site vicinity consists of randomly sorted, subrounded to well-rounded, coarse-grained deposits derived from the San Gabriel Mountains to the north. The deposits range in size from silts to 4-foot-diameter

boulders. The alluvium generally consists of coarse sands and gravels, with occasional layers or lenses of finer-grained material deposited during low-flow cycles.

The coarseness of the sands and gravels in the alluvial deposits makes these deposits ideal aquifers. Horizontal permeabilities of these deposits range from about 100 to 500 gallons per day per square foot, although vertical permeabilities are generally an order of magnitude lower than the horizontal values. The existence of a perched water-bearing zone above the primary groundwater basin at the site is unlikely, due to the coarse-grained nature of the soil.

Groundwater levels in the vicinity of the site fluctuate greatly depending on the frequency and quantity of precipitation. A well installed at the UCP facility encountered water at approximately 170 feet below ground surface.

6.0 FACTORS RELATED TO KNOWN OR POTENTIAL SITE CONTAMINATION

6.1 Contaminant Characteristics

Results of the site investigation indicated that most of the chemicals present in the soil are a result of surface spillage from the manufacturing of concrete pipes, and seem to be confined to the top 1 foot of soil. Near the pour line, petroleum hydrocarbons (C_8-C_{35}) have migrated to a depth of up to 24 feet below the ground surface.

The hydrocarbons found at the pour line are likely form oil which was used as a release agent for concrete pipe forms. Mineral oil is generally a refined liquid petroleum product of moderate carbon chain length and high flash point. It contains easily biodegradable compounds.

According to its MSDS, mineral oil has negligible water solubility and no potential carcinogenic properties. This material thus has low potential to form leachate with infiltrating water. Analytical results indicate that the hydrocarbon-contaminated soil at the pour line would not be classified as a hazardous waste. In addition to the form oil, a small amount of hydraulic fluid is known or suspected to be present in the soil at some locations. According to the MSDS (Appendix B), the petroleum-base oil for the hydraulic fluid does not require a cancer warning, nor is it classified as a potential carcinogen to humans. Similar in overall nature to mineral oil, it has a high flash point and contains easily biodegradable compounds.

6.2 Critical Habitat, Sensitive Environment, and Endangered Species

Recent aerial photographs and the Baldwin Park 7.5-minute USGS topographic quadrangle indicate the nearest wetland area to be located directly across the Santa Fe Drain in the Santa Fe Flood Control Basin and Recreation Area. The 1956 and 1969 aerial photographs, however, do not indicate wetlands in this region. Other surrounding land uses within a 2-mile radius do not indicate wetland areas; these properties are primarily developed for industrial or residential use.

The nearest surface water recreational use area is located approximately 1/2 mile to the north, at the Santa Fe Dam Recreation Area, which is up gradient of the subject site.

Although no contaminants are expected to migrate off site, the California Fish and Game Natural Diversity Data Base (NDDB, 1989) was utilized to identify sensitive species within a 2-mile radius of the site. Sensitive species or ecosystems identified by the NDDB include:

- Western Yellow-Billed Cuckoo: The legal status of this species is defined as a Federal candidate 2 and California endangered species. The cuckoo was observed next to the San Gabriel River at El Monte, approximately 2 miles south of the site.

- Parish's Gooseberry: This species has no legal status, but it is noted by the NDDB as a sensitive species and was observed next to the San Gabriel River at El Monte, approximately 2 miles south of the site.

USGS topographic quadrangles do not indicate a critical habitat for sensitive, threatened, or endangered species within a 1-mile radius of the site. However, a recent aerial photograph and the USGS quadrangles indicate a freshwater wetland area located directly across the Santa Fe Drain in the Santa Fe Flood Control and Recreation Area.

The Baldwin Park and Azusa USGS topographic quadrangles do not indicate national/state parks, forests, wildlife reserves, or historic/landmark sites within 2 miles of the site. The USGS quadrangles and a recent aerial photograph do indicate a large residential area in the City of Baldwin Park located to the south and adjacent to the site, and another residential area approximately 1 mile northwest of the site in the City of Monrovia.

6.3 Exposure Routes and Toxicity

Under the existing condition, the major exposure route of the surface soil containing petroleum hydrocarbons to humans would be through inhalation and dermal contact of fugitive dust. The mechanism associated with this exposure route would be wind dispersion. Release of dust into the atmosphere would be intermittent on windy days. This release was mitigated at UCP by paving the facility and by use of water

sprinkler systems. Because of the semi-closure status and limited operations at the facility, exposure to humans through dermal contact would be minimal.

Occasionally, surface runoff that carries soil to the settling ponds may occur, particularly during heavy rains. Petroleum hydrocarbons may be released to the pond water. Petroleum hydrocarbons in the subsurface soil at the pour area may migrate vertically toward the groundwater. However, considering the low solubility of the hydrocarbons and the depth to the groundwater (approximately 170 feet), the potential for these hydrocarbons to impact the groundwater (and resultant health risks) would be insignificant.

The relative toxicity of mineral oil in soil via inhalation or dermal contact would be low. Mineral oil has an ACGIH TLV/TWA or OSHA PEL value of 5 mg/m^3 for oil mist. It does not contain carcinogens or potential carcinogens. No health or cleanup standards have been established for mineral oil.

In summary, based on the characteristics of mineral oil, the vertical extent of hydrocarbon-contaminated soil, and the depth to groundwater, it is concluded that the hydrocarbons present in the soil at the pour line do not pose a threat to public health and the environment. As a result, factors related to soil/direct contact pathways, and factors related to water and air pathways are not addressed in this PEA.

7.0 ANALYSIS OF PATHWAYS FOR HAZARD POTENTIAL DETERMINATION

The UCP manufacturing facility, in its present condition, does not pose a threat to public health and the environment. Operations at the facility have essentially ceased during the last 6 months. This would greatly reduce the potential for

exposure of onsite workers to dust. Proposed site development would include light industrial and office buildings and paved parking lots.

Release of hydrocarbon-contaminated soil at the facility may occur through air dispersion and surface runoff (to settling ponds on site) pathways. Release of mineral oil from soil to groundwater is essentially nil based on the site investigation findings and regional hydrogeologic setting.

7.1 Air Dispersion Pathway

Although almost the entire area of the facility is paved, inhalation and dermal contact of dust may occur, particularly on windy days. Potential dust release was mitigated by use of sprinkler systems when the facility was in operation. Fugitive dust may be released during demolition and construction for the proposed development. However, dust would be mitigated by daily watering the excavation area or the entire site, as needed. Once the site development is completed, the potential for exposure to dust through air dispersion would be eliminated.

7.2 Surface Runoff Pathway

Surface runoff was collected in settling ponds located on the western corner of the property. Analysis of water samples from these ponds did not detect volatile organic compounds. The sediment samples did not contain elevated concentrations of metals or volatile halocarbons. Thus, potential adverse impact on the environment and wildlife from surface runoff would be insignificant.

7.3 Groundwater Pathway

Given the depth to groundwater (approximately 170 feet), it is unlikely that the hydrocarbons present in the soil will

reach groundwater, considering that they have penetrated only a maximum of approximately 24 feet after three to five decades of movement. Groundwater samples from monitoring wells in the site vicinity (and the well on site) have shown no detectable hydrocarbon concentrations. Activities that historically released mineral oil to the soil have ceased, so no additional inputs will occur.

7.4 Fire and Explosion Hazards

The majority of the materials such as aggregates, cement, and steel used in the manufacturing of concrete pipes are inert. Further, the soil at the pour line has been shown to be nonflammable. Thus, no known fire or explosion hazards exist at the facility.

8.0 COMMUNITY ASSESSMENT

UCP has been at the same location conducting the same business for almost 53 years. Because there has been no reported release of hazardous substance and fuels and the facility has AQMD permits for dust emissions, no complaints have been filed at the regulatory agencies against UCP. The Los Angeles County Department of Health Services, Cities of Irwindale and Baldwin Park, and their fire departments have expressed no interest or concern regarding UCP. In fact, the City of Irwindale is encouraged by the proposed site development and is participating in this site development project.

9.0 CONCLUSIONS

Based on the data and information presented in this PEA, the following conclusions can be drawn:

- UCP has been operating at this site for almost 53 years and is in the process of closing down and selling the property.

- Past and present operations have resulted in the surface spillage of petroleum hydrocarbons at a few areas on site. However, the concentration levels of petroleum hydrocarbons (as measured by EPA Method 418.1) in soil are low (less than 1,000 ppm), except at the pour line.

- Mineral oil, a release agent for concrete pipe form, has penetrated to a depth of up to 24 feet below the ground surface at the pour line. It is improbable, however, that this form oil would migrate to the groundwater (which is estimated at 170 feet deep), because it has moved only about 25 feet over a period of 30 to 50 years, and the source has now been removed.

- The mineral oil has no carcinogenic properties. The soil containing mineral oil at the pour line is not a hazardous waste per Title 22 of the California Administrative Code. Public exposure to this material would be primarily through inhalation and dermal contact of dust on windy days.

- UCP has ceased its concrete pipe manufacturing activities. The facility is essentially closed, with structures, equipment, concrete pipes, and pavements to be dismantled and/or removed prior to site development. A small amount of steel fabrication was being conducted on site at the time of a site visit on 12 June 1990.

- The Koll Company plans to develop approximately 55 acres of the property. The City of Irwindale is purchasing the remaining 17 acres for a retail development. The Koll Company intends to install site improvements, including interior streets, sewers, water, utilities, storm drains, and perimeter and street frontage landscaping. By early 1991, The Koll Company will have divided the property into parcels of varying sizes for construction. The proposed construction would be light industrial and office buildings. Current development plans will result in the construction of roads and/or buildings in the areas currently occupied by the pond on the west side of the property and by the pour line.

10.0 REFERENCES

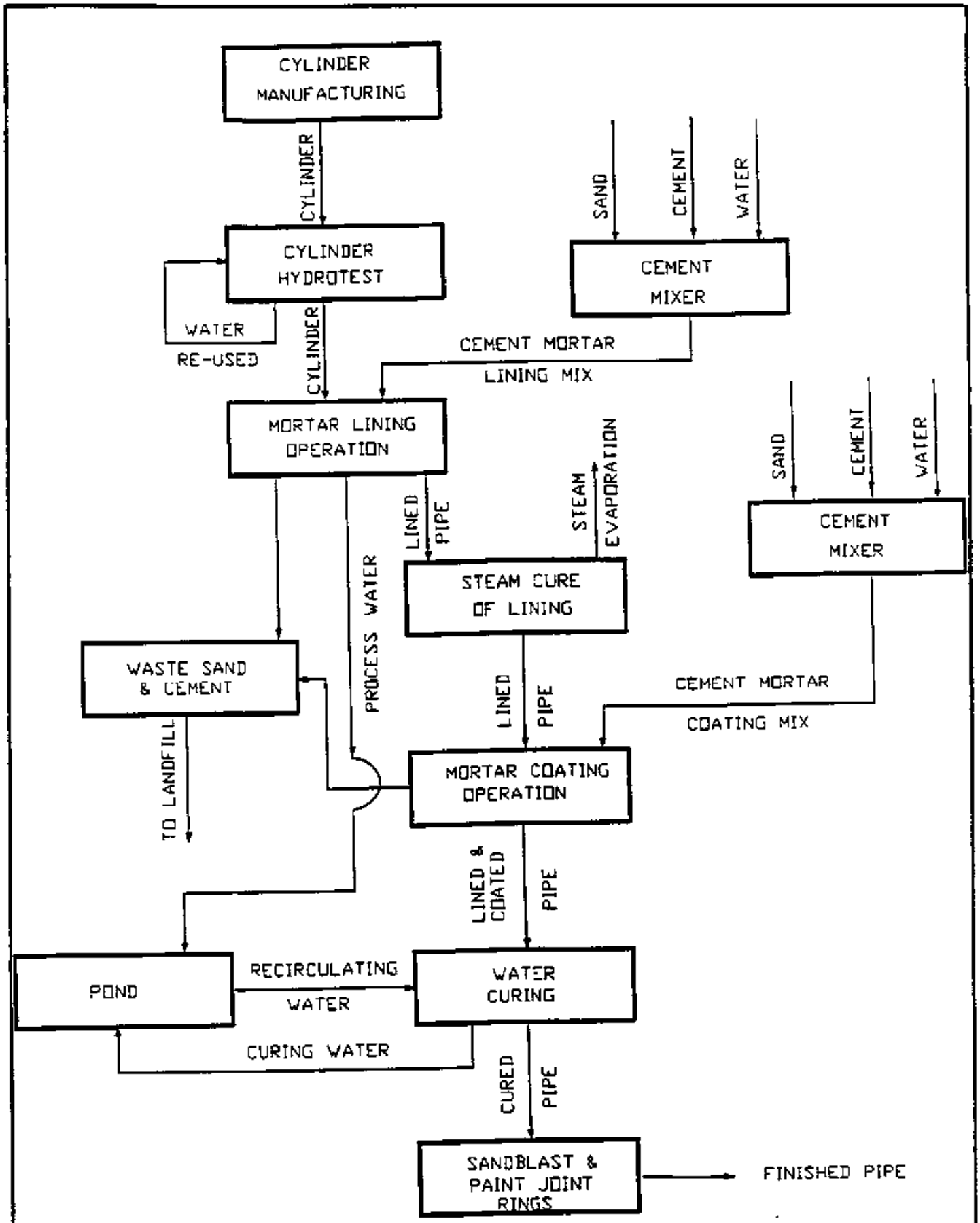
State of California, "Guidance for Preparation of a Preliminary Endangerment Assessment Report," prepared by Toxic Substances Control Program, Department of Health Services (Draft), 12 December 1989.

Woodward-Clyde Consultants, "Preliminary Site Assessment for United Concrete Pipe Manufacturing Facility Located at 14041 East Live Oak Avenue in Baldwin Park, California (Draft)," 16 December 1988.

Woodward-Clyde Consultants, "Phase 2 Site Assessment for United Concrete Pipe Manufacturing Facility Located at 14041 East Live Oak Avenue, Baldwin Park, California (Draft)," 7 February 1989.

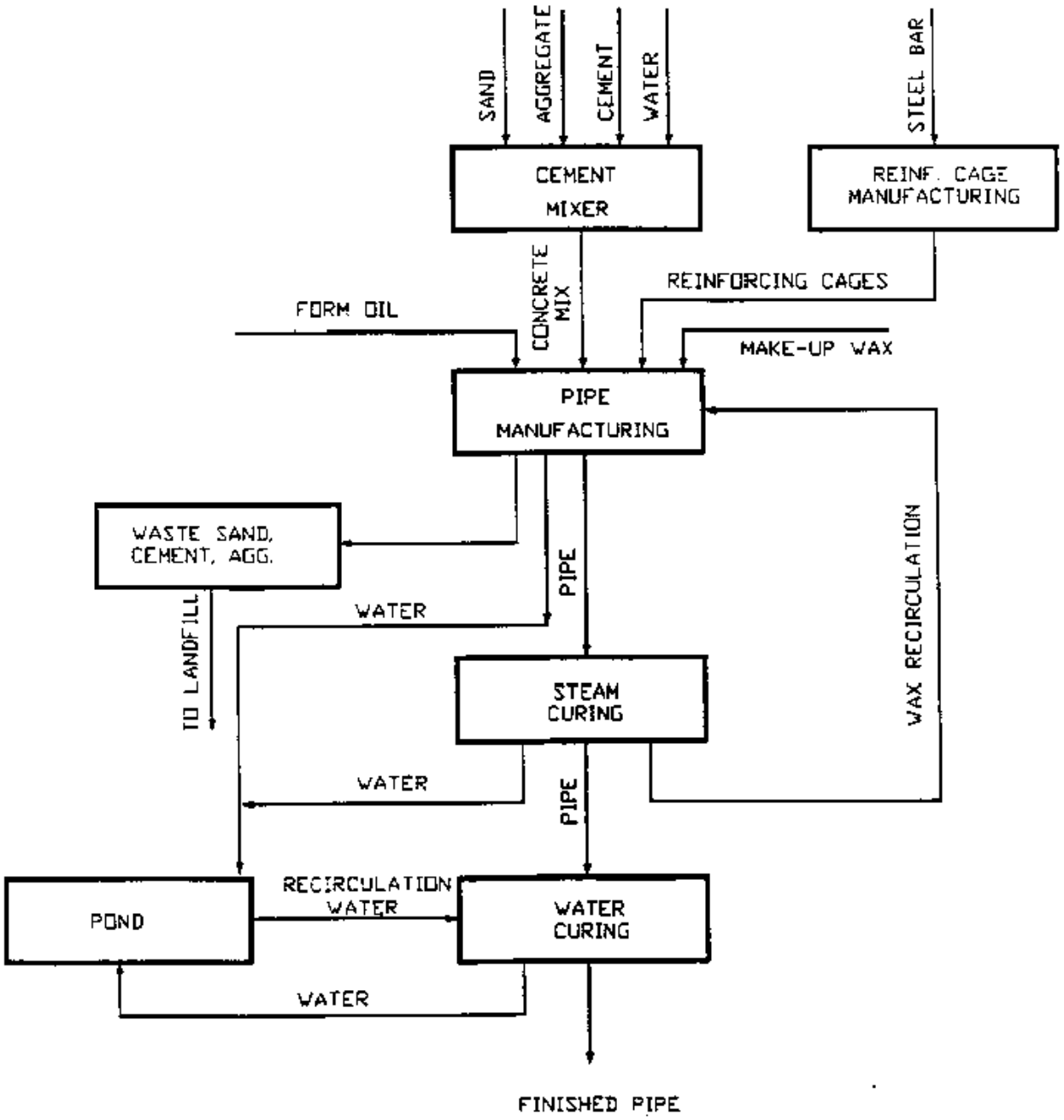
APPENDIX A

FLOW DIAGRAMS OF MANUFACTURING PROCESSES



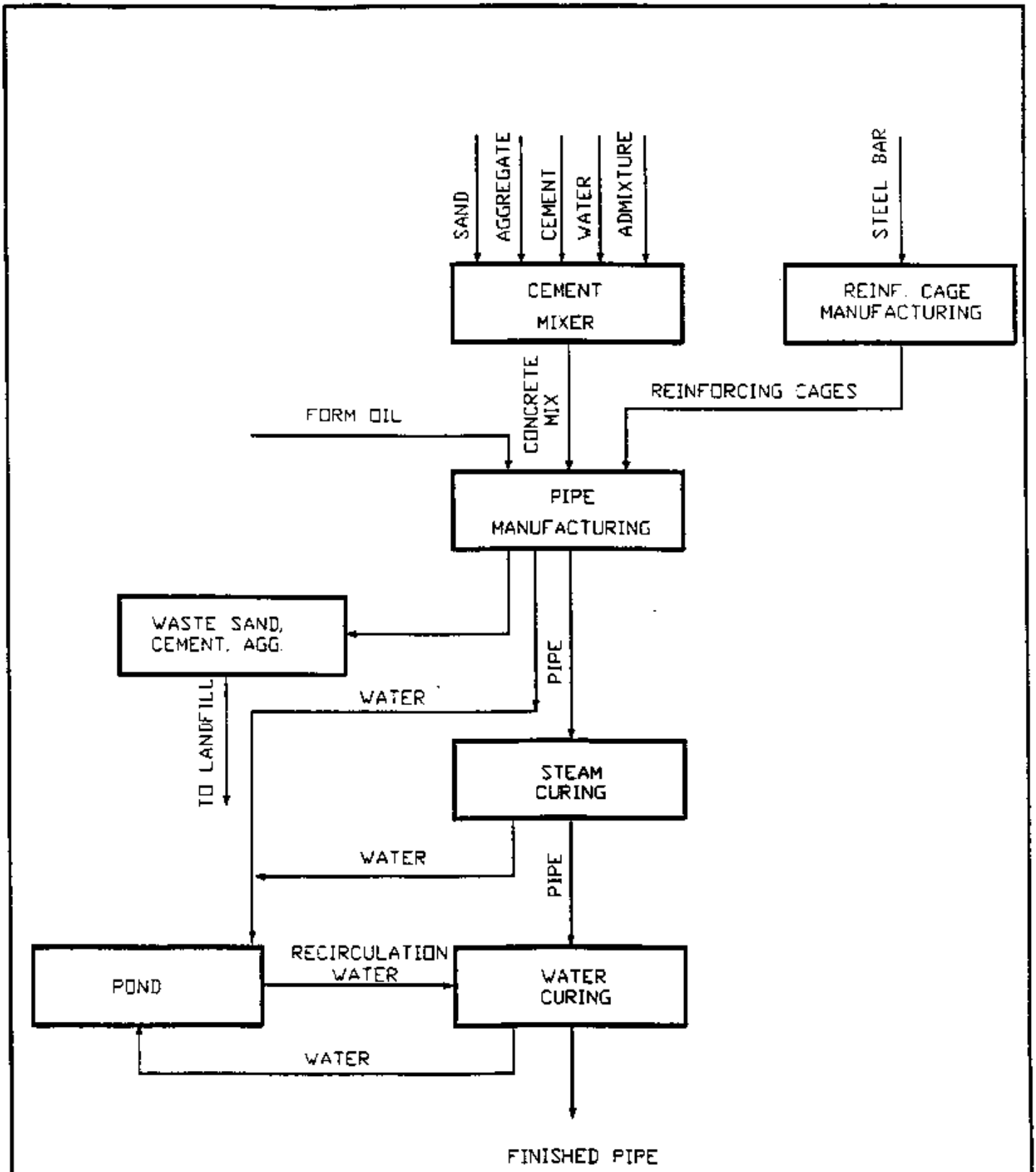
SHOT COTE PIPE MANUFACTURING FLOW DIAGRAM

Project No.: 8840484A	Date: FEB. 1989	Project: IRWINDALE SITE ASSESSMENT	



CENTRIFUGAL PLANT FLOW DIAGRAM

Project No.: 8840484A	Date: FEB. 1989	Project: IRWINDALE SITE ASSESSMENT	



POURED PIPE FLOW DIAGRAM

Project No.: 8840484A	Date: FEB. 1989	Project: IRWINDALE SITE ASSESSMENT	

APPENDIX B

MATERIAL SAFETY DATA SHEETS

cc: Henry Norman
Heather Ruth, R.N.

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MAY 1 198

4PCA 1-82

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS
(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

SECTION I

DATE: 10/1/84 SUPERSEDES: None

TRADE NAME: Amercoat

MANUFACTURER:

ID CODE NO: 1972 B Resin

Ameron Protective Coatings Division
201 North Berry Street
Brea, CA 92621
(714) 529-1951

PRODUCT CLASS: Coal tar epoxy

HEALTH: Warning

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	CAS NO.	% BY WT	OCCUPATIONAL EXPOSURE LIMITS TLV(PPM)TWA	VP mm @ 68°F	TOXICITY DATA/LD50/ORAL
Epoxy resin	65068-38-6	50	2/skin(epichlorohydrin @ 5ppm max. in resin)	13	11.4 g/kg
Nuisance particulates:					
Talc (asbestos free)	14807-96-6	32	2 mg/m^3	NP	NP
Silica (quartz)	14808-60-7	10	0.1 mg/m^3	NP	NP

SECTION III - PHYSICAL DATA

BOILING RANGE: NP

PERCENT VOLATILE

VAPOR DENSITY: NP

WEIGHT PER GALLON: 12.5 lbs

BY VOLUME: 10

EVAPORATION RATE: NP

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABLE CLASSIFICATION: OSHA: Combustibl. liquid-Class IIIB FLASH POINT: 230°F

DOT: Not applicable LEL: NP

EXTINGUISHING MEDIA: Foam, CO_2, dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS: Isolate from heat, electrical equipment, sparks and pen flame. Wear self-contained breathing apparatus.

u606r/13

cc: Henry Norman
Father Rath, R.N.

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MAY 1 1985

NPCA 1-82

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS
(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

SECTION I

DATE: 04/04/84 SUPERSEDES: 12/83 TRADE NAME: AMERCOAT

MANUFACTURER: ID CODE NO: 19728 Cure

Ameron Protective Coatings Division
201 North Berry Street
Brea, CA 92621
(714) 529-1951

PRODUCT CLASS: Coal tar epoxy coating

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS:	PERCENT BY WT	OCCUPATIONAL EXPOSURE LIMITS TLV(PPM)	VAPOR PRESSURE AT 68°F	TOXICITY DATA/LD50
Coal tar	29	.2mg/m³	0	0.1g/kg
Nonyl phenol	13	5/skin (phenol at 140ppm max)	0.36mm	0.58g/kg
Polyamine	6	.1/skin	<1mm	0.35g/kg
Diethylene triamine	1	1/skin	0.1mm	0.69g/kg
PIGMENTS - Nuisance particulates:				
Silica	46	5mg/m³	NA	NA

SECTION III - PHYSICAL DATA

BOILING RANGE: NA PERCENT VOLATILE BY VOLUME: 0.68 VAPOR DENSITY: NA

WEIGHT PER GALLON: 12.5 lbs EVAPORATION RATE: NA

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABLE CLASSIFICATION: OSHA: Combustbl.liquid-Class IIIB FLASH POINT: 225°F/SETA

DOT: Not applicable LEL: NA

EXTINGUISHING MEDIA: Foam, CO_2, Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS: Isolate from heat, electrical equipment, sparks and open flame. Wear self-contained breathing apparatus.

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1367

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

FEB 1981 RECEIVED

UOCo Code No. 05756 - 05769, West SECTION I 6/2/75

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
Union Oil Company of California	(213) 486-7600

ADDRESS (Number, Street, City, State, and ZIP Code)
Union Oil Center, 461 So. Boylston Ave., Los Angeles, California 90017

CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
N.A.	Aristowax (all grades)

CHEMICAL FAMILY	FORMULA
Hydrocarbon	Petroleum Wax

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Product not hazardous as defined by Sections 1501.2, 1502.2, 1503.2 of		
the Code of Federal Regulations		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	over 600°F	SPECIFIC GRAVITY (H_2O=1)	0.9
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT, VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (_____ =1)	N.A.
SOLUBILITY IN WATER	Insoluble		

APPEARANCE AND ODOR White-white, odorless

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	LEL	UEL
490°F typical ASTM D 92, COC, Flash Point	N.A.		

EXTINGUISHING MEDIA
Foam, Carbon Dioxide, Dry Chemical, Vaporizing Liquid Type Extinguishers

SPECIAL FIRE FIGHTING PROCEDURES
None

UNUSUAL FIRE AND EXPLOSION HAZARDS
Combination with paper, cloth, or wood wastes will increase flammability.

(Continued on reverse side)

****
MATERIAL SAFETY DATA SHEET
****

PRODUCT INFORMATION

FARBEST CORPORATION
6715 McKinley Avenue
Los Angeles, CA 90001

ISSUE DATE: 12/17/86

EMERGENCY PH# (213) 758-3181

TRADE NAME: Spun Concrete Pipe Release

CHEMICAL NAME: Organic Mixture

FORMULA: Proprietary and Trade Secret

FARBEST PRODUCT NUMBER: FF-3354

DOT IDENTIFICATION NUMBER: UN 1993

HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT:	CAS NUMBER:	ACGIH TLV/TWA:	OSHA PEL:
Solvent Naphtha	64742-89-8	300 mg/m3	300 mg/m3

Do not use or handle this product until safety precautions recommended in this data sheet have been read and understood.

The precise composition of this product is proprietary information. A more detailed disclosure will be provided by FARBEST CORPORATION to qualified Medical or Industrial Hygiene personnel as privileged information upon request in case of need for specific treatment. All components of this product have been listed on the TSCA chemical substance inventory.

PHYSICAL DATA

MATERIAL IS (AT 77 F) : Liquid
APPEARANCE AND ODOR: Fluid with solvent odor
MELTING POINT (F): NDA
BOILING POINT (F): 206
pH : NDA
SPECIFIC GRAVITY: 0.79
VAPOR PRESSURE (mm Hg): NDA
SOLUBILITY IN WATER: Negligible

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use in well ventilated area, otherwise employ a NIOSH/MSHA approved respirator.
EYES AND FACE: Chemical Safety Glasses
HANDS, ARMS, AND BODY: Rubber Gloves
OTHER PROTECTIVE EQUIPMENT: As required to minimize skin contact.

EMERGENCY MEDICAL PROCEDURES

INHALATION: Remove to fresh air. Provide oxygen if breathing is difficult. Call a physician.
INGESTION: Do not induce vomiting. Call a physician.
EYE: Immediately flush with plenty of water for at least 15 minutes. Call a physician.
SKIN: Flush skin with water followed by soap and water wash. If irritation occurs, call a physician.

HEALTH AND SAFETY INFORMATION

INHALATION: Vapors and mists may cause irritation to the mucous membranes of the upper respiratory tract.
INGESTION: May cause gastric irritation or diarrhea.
SKIN: Prolonged or repeated exposure may cause skin irritation and dermatitis.
EYES: Contact may cause corneal damage.
CARCINOGENICITY: NONE of the components in this product are listed as a carcinogen NOR as a potential carcinogen by - IARC, NTP, OSHA, or ACGIH.

FARBEST

Used @ Cont. Dept

cc: Homer
Ruth
Cont. Chris
QA
J.M.

****
MATERIAL SAFETY DATA SHEET
****

----------PRODUCT INFORMATION----------

FARBEST CORPORATION
6715 McKinley Avenue
Los Angeles, CA 90001

ISSUE DATE: 10/19/87

EMERGENCY PH# (213) 758-3181

TRADE NAME: Form Oil C-572

CHEMICAL NAME: Organic Mixture

FORMULA: Proprietary and Trade Secret

FARBEST PRODUCT NUMBER: F-3529

DOT IDENTIFICATION NUMBER: N/A

----------HAZARDOUS INGREDIENTS----------

MATERIAL OR COMPONENT:	CAS NUMBER:	ACGIH TLV/TWA:	OSHA PEL:
Mineral Oil	64741-96-4	5 mg/m3 for oil mist	5 mg/m3 for oil mist

Do not use or handle this product until safety precautions recommended in this data sheet have been read and understood.

The precise composition of this product is proprietary information. A more detailed disclosure will be provided by FARBEST CORPORATION to qualified Medical or Industrial Hygiene personnel as privileged information upon request in case of need for specific treatment. All components of this product have been listed on the TSCA chemical substance inventory.

----------PHYSICAL DATA----------

MATERIAL IS (AT 77 F) : Liquid
MELTING POINT (F): NDA
SPECIFIC GRAVITY: 0.9

APPEARANCE AND ODOR: Fluid with mineral oil odor
BOILING POINT: NDA
VAPOR PRESSURE: NDA

pH = NDA
SOLUBILITY IN WATER: Negligible

----------PERSONAL PROTECTIVE EQUIPMENT----------

RESPIRATORY PROTECTION: Use in well ventilated area, otherwise employ a NIOSH/MSHA approved respirator.
EYES AND FACE: Chemical Safety Glasses
HANDS, ARMS, AND BODY: Rubber Gloves
OTHER PROTECTIVE EQUIPMENT: As required to minimize skin contact.

----------EMERGENCY MEDICAL PROCEDURES----------

INHALATION: Remove to fresh air. Provide oxygen if breathing is difficult. Call a physician.
INGESTION: Do not induce vomiting. Call a physician.
EYE: Immediately flush with plenty of water for at least 15 minutes. Call a physician.
SKIN: Flush skin with water followed by soap and water wash. If irritation occurs, call a physician.

----------HEALTH AND SAFETY INFORMATION----------

INHALATION: Mists may cause irritation to the mucous membranes of the upper respiratory tract.
INGESTION: May cause gastric irritation or diarrhea.
SKIN: Prolonged or repeated exposure may cause skin irritation and dermatitis.
EYES: Contact may cause irritation.
CARCINOGENICITY: NONE of the components in this product are listed as a carcinogen NOR as a potential carcinogen by - IARC, NTP, OSHA, or ACGIH.

OCT 23 1987
HCL

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MATERIAL SAFETY DATA SHEET
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PRODUCT INFORMATION

FARBEST CORPORATION
6715 Mckinley Avenue
Los Angeles, CA 90001

ISSUE DATE: 09/02/86

EMERGENCY PH# (213) 758-3181

TRADE NAME: Poured Pipe Release 1089

CHEMICAL NAME: Organic Mixture

FORMULA: Proprietary and Trade Secret

FARBEST PRODUCT NUMBER: AF-10007

DOT IDENTIFICATION NUMBER: N/A

HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT:	CAS NUMBER:	ACGIH TLV/TWA:	OSHA PEL:
Mineral Oil	64741-96-4	5 mg/m3 for oil mist	5 mg/m3 for oil mist

Do not use or handle this product until safety precautions recommended in this data sheet have been read and understood.

The precise composition of this product is proprietary information. A more detailed disclosure will be provided by FARBEST CORPORATION to qualified Medical or Industrial Hygiene personnel as privileged information upon request in case of need for specific treatment. All components of this product have been listed on the TSCA chemical substance inventory.

PHYSICAL DATA

MATERIAL IS (AT 77 F) : Liquid
APPEARANCE AND ODOR: Fluid with a mineral odor
MELTING POINT (F): NDA
BOILING POINT: NDA
pH = NDA
SPECIFIC GRAVITY: 0.9
VAPOR PRESSURE: NDA
SOLUBILITY IN WATER: Negligible

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use in well ventilated area, otherwise employ a NIOSH/MSHA approved respirator.
EYES AND FACE: Chemical Safety Glasses
HANDS, ARMS, AND BODY: Rubber Gloves
OTHER PROTECTIVE EQUIPMENT: As required to minimize skin contact.

EMERGENCY MEDICAL PROCEDURES

INHALATION: Remove to fresh air. Provide oxygen if breathing is difficult. Call a physician.
INGESTION: Do not induce vomiting. Call a physician.
EYE: Immediately flush with plenty of water for at least 15 minutes. Call a physician.
SKIN: Flush skin with water followed by soap and water wash. If irritation occurs, call a physician.

HEALTH AND SAFETY INFORMATION

INHALATION: Mists may cause irritation to the mucous membranes of the upper respiratory tract.
INGESTION: May cause gastric irritation or diarrhea.
SKIN: Prolonged or repeated exposure may cause skin irritation and dermatitis.
EYES: Contact may cause irritation.
CARCINOGENICITY: NONE of the components in this product are listed as a carcinogen NOR as a potential carcinogen by - IARC, NTP, OSHA, or ACGIH.

14585

McGean-Rohco, Inc.

1250 Terminal Tower, Cleveland, Ohio 44113, 216/621-8425

MATERIAL SAFETY DATA SHEET

Product Name:	FORM FINISH 2000 (RELEASE)		Emergency Phone No.: (216)441-4900
Plant Address:	2910 Harvard Ave., Cleveland, OH 44109		Chemtrec Phone No.: 800/424-9300
Prepared By:	TSCA Coordinator	Issue Date: 8/86	Revised Date: NA

INGREDIENTS AND HAZARDOUS COMPONENTS

Material	%	TLV	C.A.S. #	Supplier Certification
Contains nothing considered hazardous by Federal Law.	NA	NA	NA	NA

PHYSICAL DATA

Boiling Point: UK	Freezing Point: UK	Specific Gravity: 0.865	pH: NA
Vapor Pressure at 20° C: UK	Vapor Density (Air = 1): UK	% Volatiles by Volume: NA	Odor: Slight
Evaporation Rate (Butyl Acetate = 1): <1		Solubility in Water: Insoluble	
Appearance and Form: Light yellow liquid.			

FIRE AND EXPLOSION HAZARD DATA

Flash Point: 140°C.	Flammable Limits in Air: % By Volume	Upper: NA
Test Method: C.C.		Lower:
Extinguishing Media: If involved in fire, do not use water. Use foam, CO_2, dry chemicals.		
Special Fire Fighting Procedures: NA		
Unusual Fire and Explosion Hazards: None		
DOT Classification: NA	Note: UK = Unknown NA = Not Applicable	

Occupational Safety and Health Administration

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
Nox-Crete Chemicals, Inc.	402-341-2080
ADDRESS (Number, Street, City, State, and ZIP Code)	
24th & William Street, Omaha, Nebraska, 68108	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
Petroleum Derivative	Nox-Crete Form Coating/Agent Release
CHEMICAL FAMILY	FORMULA
Aliphatic & Cyclic Hydrocarbons	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	0		BASE METAL		
CATALYST	0		ALLOYS		
VEHICLE	0		METALLIC COATINGS		
SOLVENTS	> 90	> 2000	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES	< 10		OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Additives are vegetable fatty substances and emulsifiers		
for which no TLV is established but estimate would be in		
excess of 2000. Mixture formula for petroleum distillate		
solvent not applicable because mean B.P. is > 200°C.		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	310	SPECIFIC GRAVITY (H_2O=1)	0.871
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%) @ 68°F in 12 hours	< 20%
VAPOR DENSITY (AIR=1)	> 1.0	EVAPORATION RATE (ethylether=1) < 20%	> 40
SOLUBILITY IN WATER	insol.	> 80%	> 2000

APPEARANCE AND ODOR Amber liquid, viscosity and odor similar to light petroleum distillate.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
100°F ASTM D56-70, Varies, Typical	165°F		

EXTINGUISHING MEDIA
CO2, Dry Chemicals, Foam. Water may be ineffective, but can be applied with fog nozzles to cool fire fighters and closed containers. Use air supplied breathing masks.

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS
Considered combustible liquid. Keep away from heat and open flame. Produces CO, CO_2, and H_2O on combustion.

(Continued on reverse side)

MAR 2 5 1987

Sika Corporation

MATERIAL SAFETY DATA SHEET

Manufacturer's Name:

Sika Corporation
875 Valley Brook Avenue
Lyndhurst, NJ 07071

Date of Preparation: 1/09/86

Telephone Numbers: Emergency: 800-424-9300 Information: 201-933-8800

SECTION I - PRODUCT IDENTIFICATION

Product No: 148

Product Class: Admixture for concrete

Product Label Name: Plastocrete 151
Formulation Identification: 1-05-84

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	Percent	Listing NTP	Listing IARC	Occupational Exposure Limits TLV	Occupational Exposure Limits PEL	Vapor Pressure
NaOA 1310-73-2		NO	NO	2mg/m^3		N/A

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

May 27, 1981

SDS #D121-2

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
W. R. Grace and Company	1-617-876-1400 X-181
ADDRESS (Number, Street, City, State, and ZIP Code)	
62 Whittemore Avenue-Cambridge, MA 02140	Quality Assurance Manager
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
Lignin/Amine Solution	WRDA with Hycol (ADMIXTURE)
CHEMICAL FAMILY Aqueous Solution of Hydrocarbons/Lignin Sulfonate and Amines	FORMULA N.A.

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Formaldehyde	1.3%	5 PPM

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N.A.	SPECIFIC GRAVITY (H_2O=1)	1.1
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT, VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (_____ =1)	N.A.
SOLUBILITY IN WATER	complete	pH	7.0

APPEARANCE AND ODOR Dark brown colored liquid.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Greater than 200°F	FLAMMABLE LIMITS	Lel	Uel

EXTINGUISHING MEDIA

SPECIAL FIRE FIGHTING PROCEDURES N.A.

UNUSUAL FIRE AND EXPLOSION HAZARDS

MATERIAL SAFETY DATA SHEET

W. R. Grace & Co.
62 Whittemore Ave.
Cambridge, MA 02140

MSDS Number: D-8622
Cancels: D-8614
Date Prepared: 10/23/86

Telephone Number for
Information and Emergency Response
(617) 876-1400
X-3140 or 3897

SECTION I - PRODUCT IDENTIFICATION

Trade Names and Synonyms: WRDA-19

Chemical Name and Family: Calcium Naphthalenesulfonate Formaldehyde Copolymer, in Aqueous Solution.

Formula: $(C_{10}H_8O_3S, CH_2O)_xCa_x$

CAS#: 37293-74-6

DOT Hazard Class/ID#/Label: Not Applicable.

Reportable Quantity (RQ): Not Applicable.

Surface Freight Classification: Concrete or Masonry Plasticizer and Water Reducing Compound

NPCA-HMIS Hazard Index:

- Health: 3
- Flammability: 1
- Reactivity: 0
- Personal Protection: B, E

SECTION II- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Ingredient (CAS#, Chemical & Common Names)	Percent by Weight	Exposure Limits OSHA	ACGIH	OTHER
Formaldehyde Synonyms: Methylene Oxide, Formic Aldehyde	<0.1%	3ppm 5ppm (ceiling) 10ppm/30 minutes peak above ceiling 8 hour IDLH 100ppm	1ppm	NIOSH 0.8ppm (ceiling)

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#D-8622

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	>212°F (estimated)	Specific Gravity (H_2O = 1)	~1.2
Vapor Pressure (mm Hg.)	20	% Volatiles by volume	60% water
Vapor Density (AIR = 1)	(N. A.)	Evaporation Rate (Butyl Acetate = 1)	Equal to water
Solubility in Water	Complete	pH of 1% solution	7.5 - 11.5

Appearance and Odor: Dark brown liquid with slight moth-ball naphthalene odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): > 200°F (estimated)

Flammable Limits: N. A. LEL: N. A. UEL: N. A.

Extinguishing Media: Product is an aqueous solution and is unlikely to burn until all water is evaporated.

Special Fire Fighting Procedures: None.

Unusual Fire and Explosion Hazards: None Known.

SECTION V - REACTIVITY DATA

Stable: X

Conditions to Avoid: None Known.

Incompatability (Materials to Avoid): None Known

Hazardous Decomposition or Byproducts: If product is dried and burned, oxides of carbon and sulfur may evolve.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None Known.

SECTION VI - HEALTH HAZARD DATA

(Include all known acute and chronic effects, signs, and symptoms of exposure and medical conditions generally aggravated by exposure)

Routes of Exposure:

Inhalation:

Exposure by inhalation not expected to occur unless specific use generates a localized mist. If inhaled as a mist, may cause slight irritation to the upper respiratory tract.

SECTION VI - HEALTH HAZARD DATA (Cont'd)

Skin and Eye:

Contact with the alkaline solution may cause eye burns and skin irritation. Dermal LD_{50} rabbit for similar products is 16,000 mg/kg.

Ingestion:

Alkaline solution may cause burns to the gastrointestinal tract if swallowed. Systemic toxicity is low. Oral LD_{50} rat for similar products is 3,800 mg/kg.

Carcinogenicity According to NTP, IARC and OSHA:

This product contains a level of formaldehyde below the level where labeling would be required by the OSHA Hazard Communication Standard (29 CFR §1910.1200). Formaldehyde is considered a possible carcinogen based on tests with laboratory animals.

Emergency and First Aid Procedures:

If inhaled and irritating symptoms develop, move to fresh air. If symptoms persist, consult a physician.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. See a physician. Flush skin with water immediately. Call a physician if skin shows signs of irritation. Wash clothing before re-use.

If swallowed, give large amounts of water or milk to drink. Do not induce vomiting. Call a physician immediately. Never give anything by way of mouth to an unconscious person.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Warning Statements:

DANGER! ALKALINE SOLUTION MAY CAUSE EYE BURNS AND SKIN IRRITATION.

- Contains Calcium Naphthalenesulfonate Formaldehyde Copolymer (CAS# 37293-74-6).
- Swallowing liquid may cause burns to gastrointestinal tract.
- May be irritating to nose and throat if inhaled as mist.

Precautionary Measures:

- Do not get in eyes, on skin, or on clothing.
- Wash thoroughly after handling.
- Avoid breathing mist. Use with adequate ventilation.
- Keep container closed.

Steps to be Taken in Case Material is Released or Spilled:

Prevent product from entering drinking water supplies or streams. Observing precautions above, collect liquid or solidify liquid with an inert, noncombustible material and remove for disposal.

SECTION VII - PRECATIONS FOR SAFE HANDLING AND USE (Cont'd)

Waste Disposal Method:

According to the EPA (40 CFR § 261.3), waste of this product is not defined as hazardous. Solidification must be accomplished prior to disposal in a landfill. Dispose of all waste in accordance with local, state and federal government regulations.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type):

Not generally required. If specific use generates a mist, use of a half-face mask with a prefilter for mist or dust is recommended. Consult respirator manufacturer for appropriate type.

Ventilation

Local Exhaust: Not generally required.

Mechanical: Yes

Special: N. A.

Other: N. A.

Protective Gloves: Impervious rubber gloves should be worn.

Eye Protection: Wear goggles to protect against splashing.

Other Protective Clothing or Equipment: Wear appropriate clothing to prevent skin contact.

Work/Hygenic Practices: Note precautions above.

"THE DATA INCLUDED HEREIN ARE PRESENTED ACCORDING TO W. R. GRACE & CO.'S PRACTICES CURRENT AT THE TIME OF PREPARATION HEREOF, ARE MADE AVAILABLE SOLELY FOR THE CONSIDERATION, INVESTIGATION AND VERIFICATION OF THE ORIGINAL RECIPIENTS HEREOF AND DO NOT CONSTITUTE A REPRESENTATION OR WARRANTY FOR WHICH GRACE ASSUMES LEGAL RESPONSIBILITY. IT IS THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE ITS OWN PROGRAM AND TO COMPLY WITH ALL NATIONAL, FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS APPLICABLE TO SAFETY, OCCUPATIONAL HEALTH, RIGHT-TO-KNOW AND ENVIRONMENTAL PROTECTION."

DAREX · CONCRETE ADMIXTURES



RECEIVED
DEWELL MORGAN

MAY 1 4 1987

DESCRIPTION:

WRDA®-19 is a high range water-reducer, commonly referred to as a superplasticizer. It is an aqueous solution of a modified naphthalene sulfonate. It is a low viscosity liquid which has been formulated by the manufacturer for use as received. WRDA-19 contains no added chloride. WRDA-19 is formulated to comply with specifications for Chemical Admixtures for Concrete, ASTM Designation: C-494 as a Type A, or as a Type F admixture.

One gallon of WRDA-19 weighs approximately 10 lbs.

DISPERSION:

WRDA-19 is a superior dispersing admixture having a marked capacity to disperse the cement agglomerates normally found in a cement-water suspension. The capability of WRDA-19, in this respect, exceeds that of normal water reducing admixtures.

USES:

WRDA-19 produces concrete with extremely workable characteristics referred to as high slump, flowing concrete. WRDA-19 also allows concrete to be produced with very low water/cement ratios at low or normal slumps.

WRDA-19 is ideal for use in prestress, precast, bridge deck or any concrete where it is desired to keep the water/cement ratio to a minimum and still achieve the degree of workability necessary to provide easy placement and consolidation. WRDA-19 will also fluidize concrete making it ideal for tremie concreting or other applications where high slumps are desired.

ADVANTAGES:

1. WRDA-19 can produce high slump flowable concrete at no loss in strength.
2. WRDA-19 can produce low water/cement ratio concrete and therefore, high strengths.
3. WRDA-19, in prestress/precast work, can be used to substantially reduce or eliminate the high energy requirements of external heat for accelerated curing.
4. WRDA-19 concrete produced with Type I cement may be substituted for normal concrete produced with Type III cement to achieve early release strengths.
5. WRDA-19 concrete, even at high slump, exhibits no significant segregation in comparison to concrete without a superplasticizer at the same slump.
6. WRDA-19 aids in rapid discharge of concrete from truck mixers thereby reducing on the job time and improving mixer utilization.

ADDITION RATES:

Addition rates of WRDA-19 can vary with type of application, but will normally range from 6 fluid ounces to 20 fluid ounces per 100 lbs of cement. In most instances the addition of 10 to 16 fluid ounces per 100 lbs. of cement will be sufficient. At a given water/cement ratio, the slump required for placement can be controlled by varying the addition rate.

COMPATIBILITY:

In concrete containing WRDA-19, the use of a Vinsol resin air entraining agent (such as DARAVAIR®) is recommended to provide suitable air void parameters for resistance against freeze-thaw attack.

Most Type A water reducers or Type D water reducing retarders are compatible with WRDA-19 as long as they are separately added to the concrete. Pretesting of the concrete should be performed to optimize dosages and addition times of these admixtures. Caution should be exercised when using WRDA-19 together with a retarder, as excessive retardation can occur if the admixture dosages are too high.

Pretesting of the concrete should be performed to determine dosages and addition times of these admixtures. The admixtures should not contact each other before they enter the concrete.

PACKAGING:

WRDA-19 is available in bulk, delivered by metered tank trucks, and in 55 gallon drums. WRDA-19 contains no flammable ingredients.

It will begin to freeze at approximately 32° F, but will return to full strength after thawing and thorough agitation.

In storage, and for proper dispensing, WRDA-19 should be maintained at temperatures above 32°F.

W. R. Grace & Co.
Construction Products Division

3d

CONCRETE MATERIALS

We hope the information given here will be helpful. It is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification but we do not warrant the results to be obtained. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale which apply to all goods supplied by us. No statement, recommendation or suggestion is intended for any use which would infringe any patent or copyright. Construction Products Division, W. R. Grace & Co., 62 Whittemore Ave., Cambridge, Mass. 02140

GRACE
Construction Products

Emergency Phone Number(800) 457-2022

Material Safety Data Sheet

CHEVRON AW Hydraulic Oil 68 **CPS234228**

UNITED CONCRETE PIPE CORP
PO BOX 429
BALDWIN PARK, CA 91706
Print Date: November 26, 1989

MATERIAL ORDERED FOR:
14041 EAST LIVE OAK AVE
BALDWIN PARK, CA 91706

This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community right-to-know/emergency response reporting requirements under SARA Title III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS. Discard any previous edition of this MSDS.

The Chevron MSDS has been revised to include a first aid statement for the accidental injection under the skin.

1. PRODUCT IDENTIFICATION

CHEVRON AW Hydraulic Oil 68

- A HAZARD WARNING IS NOT REQUIRED FOR THIS PRODUCT UNDER OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

CHEVRON PRODUCT NUMBER(S): CPS234228
PRODUCT INFORMATION: (800)582-3835

Revision Number: 11 Revision Date: 11/18/89 MSDS Number: 000080
NDA - No Data Available NA - Not Applicable

Prepared According to the OSHA Hazard Communication Standard (29 CFR 1910.1200) by the Chevron Environmental Health Center, Inc., P.O. Box 4054, Richmond, CA 94804.

2. FIRST AID

EYE CONTACT:
No first aid procedures are required. However, as a precaution flush eyes with fresh water for 15 minutes. Remove contact lenses if worn.
SKIN CONTACT:
No first aid procedures are required. As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing.

Note to Physician: Injection under the skin of materials similar to this product is associated with accidents involving high-pressure equipment. When ejected from this type of equipment, the material can easily penetrate the skin and leave a small, sometimes bloodless, puncture wound. Yet, because of its driving force, material injected into a fingertip can be deposited into the palm of the hand. Within 24 hours, there is usually a great deal of swelling, discoloration, and intense throbbing pain in the affected part. Immediate treatment at surgical emergency center is recommended.
INHALATION:
Since this material is not expected to be an immediate inhalation problem, no first aid procedures are required.
INGESTION:
If swalloved, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

3. IMMEDIATE HEALTH EFFECTS

EYE CONTACT:
This substance is not expected to cause prolonged or significant eye irritation. This hazard evaluation is based on the data from similar materials.
SKIN IRRITATION:
This substance is not expected to cause prolonged or significant skin irritation. This hazard evaluation is based on data from similar materials.
DERMAL TOXICITY:
The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if it gets on the skin. This hazard evaluation is based on data from similar materials.
RESPIRATORY/INHALATION:
The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if inhaled. This hazard evaluation is based on data from similar materials.
INGESTION:
The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if swallowed. This hazard evaluation is based on data from similar materials.

4. PROTECTIVE EQUIPMENT

EYE PROTECTION:
No special eye protection is usually necessary.
SKIN PROTECTION:
No special skin protection is usually necessary. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing protective clothing.
RESPIRATORY PROTECTION:
No special respiratory protection is normally required. However, if operating conditions create airborne concentrations which exceed the recommended exposure standards, the use of an approved respirator is required.
VENTILATION:
Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

5. FIRE PROTECTION

FLASH POINT: (COC) 428F (220C)
AUTOIGNITION: NDA
FLAMMABILITY: NA
EXTINGUISHING MEDIA:
CO2, Dry Chemical, Foam and Water Fog.
NFPA RATINGS: Health 0; Flammability 1; Reactivity 0; Special NDA;
HMIS RATINGS: Health 0; Flammability 1; Reactivity 0; Other NDA;
(Least-0, Slight-1, Moderate-2, High-3, Extreme-4). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association or, if applicable, the National Paint and Coating Association, and do not necessarily reflect the hazard evaluation of the Chevron Environmental Health Center. Read the entire document and label before using this product.
FIRE FIGHTING PROCEDURES:
For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
COMBUSTION PRODUCTS:
Normal combustion forms carbon dioxide and water vapor and may produce oxides of sulfur and phosphorus. Incomplete combustion can produce carbon monoxide.

6. STORAGE, HANDLING, AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:
NDA.
STABILITY:
Stable.

HAZARDOUS POLYMERIZATION:
Polymerization will not occur.
INCOMPATIBILITY:
May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
SPECIAL PRECAUTIONS:
CAUTION! Do not use pressure to empty drum or explosion may result. DO NOT weld, heat or drill container. Replace cap or bung. Emptied container still contains hazardous material which may ignite with explosive violence if heated sufficiently.

7. PHYSICAL PROPERTIES

SOLUBILITY: Soluble in hydrocarbon solvents; insoluble in water.
APPEARANCE: Pale yellow liquid.
BOILING POINT: NA
MELTING POINT: NA
EVAPORATION: NA
SPECIFIC GRAVITY: 0.88 @ 15.6/15.6C
VAPOR PRESSURE: NA
PERCENT VOLATILE (VOLUME %): NA
VAPOR DENSITY (AIR=1): NA
VISCOSITY: 61 cSt @ 40C (Min.)

8. SPILL RESPONSE AND DISPOSAL

CHEMTREC EMERGENCY PHONE NUMBER: (800) 424-9300 (24 hour).
SPILL/LEAK PRECAUTIONS:
This material is not expected to present any environmental problems other than those associated with oil spills.

Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.
DISPOSAL METHODS:
Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

9. EXPOSURE STANDARDS, REGULATORY LIMITS AND COMPOSITION

COMPOSITION COMMENT:

All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

Based upon information reviewed to date, this product fits the ACGIH definition for mineral oil mist. The ACGIH TLV is 5mg/m3, the OSHA PEL is 5mg/m3.

The percent compositions are given to allow for the various ranges of the components present in the whole product and may not equal 100%.

PERCENT/CAS# COMPONENT/REGULATORY LIMITS

100.0 % CHEVRON AW Hydraulic Oil 68

CONTAINING

> 99.0 % LUBRICATING BASE OIL

The BASE OIL may be a mixture of any of the following: CAS 64741884, CAS 64741895,CAS 64741964,CAS 64741975,CAS 64742014,CAS 64742525, CAS 64742536,CAS 64742547,CAS 64742627,CAS 64742650,CAS 72623837.

< 1.0 % ADDITIVES

TLV - Threshold Limit Value
STEL - Short-term Exposure Limit
RQ - Reportable Quantity
CC - Chevron Chemical Company
PEL - Permissible Exposure Limit
TPQ - Threshold Planning Quantity
CPS - CUSA Product Code
CAS - Chemical Abstract Service Number

10. REGULATORY INFORMATION

DOT SHIPPING NAME: NOT DESIGNATED AS A HAZARDOUS MATERIAL BY THE FEDERAL DOT
DOT HAZARD CLASS: NOT APPLICABLE
DOT IDENTIFICATION NUMBER: NOT APPLICABLE

SARA 311 CATEGORIES:
1. Immediate (Acute) Health Effects; NO
2. Delayed (Chronic) Health Effects; NO
3. Fire Hazard; NO
4. Sudden Release of Pressure Hazard; NO
5. Reactivity Hazard; NO

WHEN A COMPONENT OF THIS MATERIAL IS SHOWN IN THIS SECTION, THE REGULATORY LIST ON WHICH IT APPEARS IS INDICATED.

REGULATORY LISTS:

01=SARA 313	02=MASS RTK	03=NTP Carcinogen
04=CA Prop. 65	05=MI 406	06=IARC Group 1
07=IARC Group 2A	08=IARC Group 2B	09=SARA 302/304
10=PA RTK	11=NJ RTK	12=CERCLA 302.4
13=MN RTK	14=ACGIH TLV	15=ACGIH STEL

Revision Number: 11 Revision Date: 11/18/89 MSDS Number: 000080
NDA - No Data Available NA - Not Applicable

15=ACGIH Calculated TLV 17=OSHA PEL 18=OSHA STEL
19=Chevron TLV 20=EPA Carcinogen 21=TSCA SECT 4
22=TSCA SECT 5 SNUR 23=TSCA SECT 6 RULE 24=TSCA SECT 12 EXPORT
25=TSCA SECT 8A CAIR 26=TSCA SECT 8D REPORT 27=TSCA SECT 8E
28=Canadian WHMIS

11. PRODUCT TOXICOLOGY DATA

EYE IRRITATION:
NDA. The hazard evaluation was based on data from similar materials.
SKIN IRRITATION:
NDA. The hazard evaluation was based on data from similar materials.
DERMAL TOXICITY:
NDA. The hazard evaluation was based on data from similar materials.
RESPIRATORY/INHALATION:
NDA. The hazard evaluation was based on data from similar materials.
INGESTION:
NDA. The hazard evaluation was based on data from similar materials.

12. ADDITIONAL HEALTH DATA

ADDITIONAL HEALTH DATA COMMENT:
This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils require a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

****

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Appendix C
Tank Removal Records

Part A	Tanks Overview
Part B	Centrifugal Building - Boiler Tanks
Part C	Garage Tanks
Part D	Garage Waste Oil Sump and 3,000 Gallon Tank

Part A

Tanks Overview

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1648 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-6111

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4088
LOS ANGELES, CALIFORNIA 90051

December 14, 1987

IN REPLY PLEASE
REFER TO FILE: I-593-3S

Mr. Frederick Gobler
United Concrete Pipe
Division of U.S. Pipe & Foundary
P.O. Box 429
Baldwin Park, CA 91706

Dear Mr. Gobler:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
APPLICATION FOR CLOSURE
FACILITY AT: 14041 Live Oak Ave.

Please find enclosed an Application for Closure forms per your request.

All existing underground tanks must be either closed or permitted. If the tanks are to be closed, complete the copy of the application form and return with the proper fee and required supporting information.

Soil sampling and analysis will be required for all closures. Soil borings will be required if the tank contained a volatile or semi-volatile priority pollutant, or an extremely hazardous material. A plot plan to scale showing location of tank(s), buildings, adjacent streets, north arrow and proposed soil sampling points must accompany the application forms.

If you have any questions concerning this matter, please contact Mr. Blair Burgess at (213) 226-4437.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

CL201 1/87

COUNTY OF LOS ANGELES

FIRE DEPARTMENT

POST OFFICE BOX 3009, TERMINAL ANNEX
LOS ANGELES, CALIFORNIA 90051
574-0949

JOHN W. ENGLUND
FIRE CHIEF
FORESTER & FIRE WARDEN

UNITED CONCRETE PIPE
14041 E. LIVE OAK
BALDWIN PARK, CA 91706

ATTENTION MR. FRITZ GOBLER

DEAR MR. GOBLER:

In regards to your request in procedures for abandonment or removal of underground storage tanks; Our department recognizes both removal and abandoning in place. However, the Department of County Engineer must be contacted first and their requirements complied with prior to Fire Department involvement.

The following are required procedures for Underground Tank Abandonment in place:

1. Obtain a permit, through the local Fire Prevention Office, for Abandonment in place and contact the local Inspector at least 48 hours in advance of the abandoning date.
2. Remove all flammable or combustible liquid from the tank and from all connecting lines.
3. Disconnect the suction, inlet, gauge and vent lines.
4. Fill the tank and any remaining stubs completely with an approved non-shrinking inert solid material and cap all tank inlets and outlets.

If you have any questions regarding these procedures and requirements please feel free to contact me at my office.

Very Truely yours,

JOHN W. ENGLUND, FIRE CHIEF
LOS ANGELES COUNTY FIRE DEPARTMENT

By Michael J. Saenz
MICHAEL SAENZ, INSPECTOR
FIRE PREVENTION DIVISION

COUNTY OF LOS ANGELES

FIRE DEPARTMENT
POST OFFICE BOX 3009, TERMINAL ANNEX
LOS ANGELES, CALIFORNIA 90051
574-0949

JOHN W. ENGLUND
FIRE CHIEF
FORESTER & FIRE WARDEN

JUNE 25, 1986

UNITED CONCRETE PIPE
DIVISION of U.S. PIPE
P.O. BOX 429
BALDWIN PARK, CA 91706

Attention Mr. Fritz Gabler P.E.

Dear Mr. Gabler:

In regards to the abandonment or removal of underground storage tanks. Our department recognizes both removal or abandoning in place. The Department of County Engineer must be contacted in either case and their requirments must be met prior to Fire Department involvement.

In the case of abandonment in place, as per your request, the following procedure is required by our department:

1. Remove all flammable or combustible liquid from the tank and from all connecting lines.

2. Disconnect the suction, inlet, gauge and vent lines.

3. Fill the tank and any remaining stubs completely with an approved non-shrinking inert solid material and cap all tank inlets and outlets.

Also a permit is required by this department and you must contact the local Fire Inspector at least 24 hours in advance of the date of abandonment.

If you have questions regarding this procedure, pleast feel free to contact me at my office.

Very truly yours,

JOHN W. ENGLUND, FIRE CHIEF
LOS ANGELES COUNTY FIRE DEPARTMENT

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO
P.O. BOX 4059
LOS ANGELES, CALIFORNIA 90051

December 3, 1987

IN REPLY PLEASE
REFER TO FILE
I-593-3S

Mr. Frederick Gobler
United Concrete Pipe
Division of U.S. Pipe & Foundary
P. O. BOX 429
Baldwin Park, CA 91706

Dear Mr. Gobler:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT (HMUSP)
LEAK DETECTION PROGRAM/TANK MONITORING PROGRAM (LDP/TMP)
IMPLEMENTATION REPORT
HMUSP NO. 157
FACILITY LOCATION: 14041 East Live Oak Avenue, Irwindale

This office has reviewed the LDP/TMP implementation report submitted on October 27, 1986 for the subject facility.

[X] In order better evaluate the report, the information indicated on the attached Additional LDP/TMP Reporting Requirements sheet must be submitted to this office by January 4, 1988.

[ ] Based on the information submitted, the implementation of the LDP/TMP meets this office's requirements. Further reporting requirements will be outlined in the operational permit which will be forwarded to you at a subsequent date.

[ ] Other:

If you have any questions regarding this matter, please contact Mr. Blair Burgess at (213) 226-4437.

Very truly yours,

(213) 458-3507

T. A. TIDEMANSON
Director of Public Works

By
Waste Management Division

Enc.

cc: Hydrosolutions of California, Inc.

LD304 8/87

FILE # 593-3S
HMUSP # 157

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ADDITIONAL LDP/TMP REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete evaluation of the LDP/TMP implementation report.

[ ] 1. Plot plan to scale showing locations of tanks and associated piping, boring and monitoring well locations, buildings, adjacent streets, and north arrow.

[ ] 2. Information pertaining to the tanks contradicts information previously submitted on the permit application form or hazardous substance storage statements. These contradictions must be corrected.

[ ] 3. Number and location of soil and/or groundwater samples is not adequate.

[ ] 4. Sampling protocol.

[ ] 5. Sample analysis method(s).

[ ] 6. Boring logs certified by a California registered geologist, California registered civil engineer with sufficient experience in soils, or a California certified engineering geologist.

[ ] 7. Documentation as to depth of groundwater at facility.

[ ] 8. Monitoring well specifications and cross section showing well construction.

[X] 9. Monitoring well specifications do not conform to Los Angeles County guidelines for the groundwater condition. Well heads must be installed to conform to Los Angeles County Guidelines.

[X] 10. Manufacturer and model number of monitoring sensor or device(s). (Certification of installation)

[ ] 11. Manufacturer and model number of pressure line monitoring system.

[ ] 12. Manufacturer and model number of overfill protection device.

[ ] 13. Tank integrity test results and data sheets.

[ ] 14. Manufacturer and model number of Tank Level Monitor (TLM) system.

[ ] 15. Details of inventory reconciliation or tank gauging procedures.

[X] 16. Other: Verify that the piping system for tank 4 is a suction system. A closure permit must be obtained for tank 8.

LD304A 8/87

PROVISIONAL
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

PERMIT NO. 157

EXPIRATION DATE OCT 12 1987

PERMISSION IS HEREBY GRANTED UNDER LACC TITLE 11, DIVISION 4 TO:

[redacted] <<<<<<<< FILE NUMBER
[redacted] <<<<<<<< PERMITTEE

[redacted] <<<<<<<< FACILITY ADDRESS

TO STORE HAZARDOUS MATERIALS IN UNDERGROUND TANK(S) LOCATED AT THE FACILITY ABOVE.

NUMBER OF PERMITTED TANKS: 6

THIS PROVISIONAL PERMIT IS SUBJECT TO THE FOLLOWING REQUIREMENTS:

PART A — GENERAL CONDITIONS AND LIMITATIONS (ATTACHED).

PART B — AUTHORIZED HAZARDOUS MATERIAL STORAGE TANKS (ATTACHED).

PART C — SPECIFIC CONDITIONS AND LIMITATIONS:

1. THE PERMITTEE SHALL SUBMIT FOR APPROVAL AND IMPLEMENT A LEAK DETECTION PROGRAM (LDP) AND A TANK MONITORING PROGRAM (TMP) PREPARED IN ACCORDANCE WITH "UNDERGROUND STORAGE OF HAZARDOUS MATERIALS - GUIDELINES FOR EXISTING FACILITIES, OCTOBER 1986."

2. THE FOLLOWING TIME SCHEDULE SHALL APPLY TO SUBMITTALS REQUIRED BY THIS PROVISIONAL PERMIT:

   a. PERMIT FEE DUE BY (SEE INVOICE) To Be Billed

   b. TANK INTEGRITY TEST RESULTS DUE BY JUL 10 1987

   c. PROPOSALS FOR LDP AND TMP DUE BY JUL 10 1987

3. PERMIT EFFECTIVE DATE 3/1/85
   NOTE: THE EFFECTIVE DATE IS DETERMINED BY ORIGINAL DATE OF PERMIT APPLICATION.

PART D — SPECIAL CONDITIONS AND LIMITATIONS ATTACHED. YES [X] NO [ ]

This Provisional Permit is valid only for the continued operation of tanks providing suitable storage and expires six (6) months from the date of issue. Permittee has until the expiration date to complete an approved LDP and to install and be in compliance with an approved TMP. Upon full compliance with the approved LDP and TMP and all other conditions and limitations, this Provisional Permit will be replaced by a full term Operational Permit for the remainder of the unexpired five (5) year term from the effective date unless otherwise noted in Part D above.

T. A. TIDEMANSON
DIRECTOR OF PUBLIC WORKS

BY _____ APR 10 1987
WASTE MANAGEMENT DIVISION

APR 13 1987

HCL

PP80: 10/86

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT

PART A — GENERAL CONDITIONS AND LIMITATIONS

TERM OF PERMIT

1. The combined provisional and full term operational permits shall be valid for a maximum period of five (5) years from the effective date. However, if the Department of Public Works (DPW) finds that the life expectancy of a facility is less than five (5) years, the DPW may adjust the term of the permit to reflect such a condition.

FEES

2. All fees shall be due and payable on the billing date established by the DPW. Fees not paid within 30 calendar days from the billing date shall be considered delinquent. Delinquent fees shall be subject to a 10 percent penalty fee for each 30 day period beyond the billing date that the fee is due. Permits for which the annual permit fee installment is delinquent for 90 days or more are subject to suspension.

REPORTS AND RECORDS

3. At least annually and due by the anniversary of the effective date of this permit, a written report must be submitted to the Department of Public Works, Waste Management Division, P.O. Box 4089 Terminal Annex, Los Angeles, CA 90051 detailing (but not limited to) the following:

   a. Any changes in the type of hazardous materials stored within the facility.

   b. Any changes in the uses of the underground facility.

   c. Changes or modifications to monitoring procedure.

   d. A detailed account of any unauthorized discharges, and the remedial measures employed.

   e. Any modifications to the facility except for routine required maintenance.

   In the event there has been no change of operation nor unauthorized release, a negative declaration to that effect may be submitted.

   The report or negative declaration shall be certified by the permittee or an authorized representative who is responsible for operations at the facility.

   This report is required by local agencies to satisfy Section 25286(c) of the State of California Health and Safety Code. A report form will be made available to owners and operators to comply with this requirement. The report shall be delinquent 30 days after its due date and as such may result in suspension or revocation of the permit.

4. Every permittee shall provide testing, monitoring (if applicable), and inspections in compliance with this permit and shall maintain records adequate to demonstrate compliance therewith.

5. All required records shall be maintained by the permittee and made available for inspection for a period of time not less than three (3) years from the date of the required annual report for the year during which the testing, monitoring or inspection was performed. Said records shall be made available to the DPW, County Health Officer or Forester and Fire Warden during normal working hours and at any time upon reasonable notice.

RENEWALS AND EXTENSIONS

6. If this is a provisional permit, it may be extended to a maximum of one (1) additional year upon written application stating the reasons for such a request and upon approval by the Director of Public Works.

7. Every application for the renewal of a operational permit or extension of a provisional permit shall be made at least 30 days prior to the expiration date of such permit. If a timely application for renewal has been submitted, the permit shall remain in effect until the DPW has made a decision and any administrative appeal has been exhausted.

APPEALS

8. Any person dissatisfied with the decision of the DPW may appeal the decision, in writing, to the Appeals Board, setting forth with particularity the ground or grounds for the appeal. Such appeal shall be submitted within 30 days after notice of the decision has been given.

ADDITIONAL APPROVALS AND REPLIES

9. Additional approvals shall be required for any of the following actions:

   a. Tank repair.

   b. Modifications.

   c. Change or addition of hazardous materials stored.

   d. Change of approved monitoring system.

10. Procedures for an application for a permit shall also apply to an application for an additional approval. Each application for an additional approval shall be accompanied by the appropriate fee and supporting information.

11. Any substantial modification or repair of a facility other than minor repairs or emergency repairs shall be in accordance with plans to be submitted to the DPW as an additional approval.

12. Permittee shall carry out routine maintenance, ordinary upkeep and minor repairs in a careful and safe manner. No permit will be required for such maintenance, upkeep and repairs.

13. Permittee may make emergency repairs to a facility in advance of seeking an additional approval whenever an immediate repair is required to prevent or contain an unauthorized discharge or to protect the integrity of the containment. However, within five (5) working days after such emergency repairs have been started, permittee shall seek additional approval by submitting drawings or other information adequate to describe the repairs to the DPW.

CLOSURES, DECONTAMINATION AND NEW CONSTRUCTION

14. Replacement of tanks at an existing facility shall be considered a closure of the tanks to be replaced and a new installation of tanks, and all fees shall be assessed accordingly.

15. No tank shall be abandoned. Tanks which are temporarily out of service, and are intended to be returned to use, must continue to be monitored and inspected. Any tank which is not being monitored and inspected must be closed or removed in a manner approved by the DPW.

16. Prior to any permanent or temporary closures being initiated, an Application for Closure form, the appropriate fee and required supporting information shall be filed with the DPW.

17. Plans for the decontamination of a facility shall be submitted to the DPW for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies include the California Regional Water Quality Control Board, the Los Angeles County Department of Health Services and the South Coast Air Quality Management District.

18. The installation of a new tank shall require submittal to the DPW of an application for new construction, the appropriate new construction plan clearance fee and supporting information as required by the DPW.

TRANSFERS

19. A Hazardous Materials Underground Storage Permit may be transferred to a new owner of the same facility provided:

   a. The new owner accepts full responsibility for all obligations under this permit at the time of the transfer of the facility.

   b. The transfer shall be documented on a form provided by the DPW within 30 days of transfer of ownership.

   c. The appropriate fee is paid.

PART B — TANK DATA
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT NO. 157

AUTHORIZED HAZARDOUS MATERIAL STORAGE TANKS

TANK NUMBER	CAPACITY (GALLONS)	CONTENTS
BOILER — 3 - CLOSED	10,000	#2 Fuel Oil
*4 IN SERVICE	10,000	Unleaded Gasoline
— 5 — CLOSED	10,000	Diesel
— 6 — CLOSED	10,000	Gasoline
— 7 - CLOSED	1,000	GASOLINE
(8) REMOVED	500	Waste Oil
*9 IN SERVICE	10,000 (dbl wall)	Diesel
— 1 — CLOSED	10,000	DIESEL
— 2 — CLOSED	"	"

* 4-12-90 - JUAN MURCIA U.C.P.

PERMIT # HMUSP 157 ← U.C.P. IS ANALYZING THEIR COPY FROM

FILE # I-593-3S

L.A. COUNTY DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
P.O. BOX 1460
ALHAMBRA, CA.
91802-1460
(818) 458-3500

PP801B 10/86

PART D -- SPECIAL CONDITIONS AND LIMITATIONS
HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT NO. 157

1. Permittee shall provide certification by an authorized independent technician that the monitoring system is installed and operational before the expiration of this Provisional Permit. The technician shall be certified by the manufacturer of the monitoring system to install, calibrate, service and inspect the monitoring system.

2. Monitoring system installation shall comply with all local fire, building, mechanical and electrical code and permit requirements.

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90032
Telephone: (213) 226-4111

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4088
LOS ANGELES, CALIFORNIA 90051

October 23, 1987

IN REPLY PLEASE
REFER TO FILE
I-593-3S

Mr. Frederick Gobler
United Concrete Pipe
Division of U.S. Pipe and Foundry
P.O. Box 429
Baldwin Park, CA 91706

Dear Mr. Gobler:

HAZARDOUS MATERIALS UNDERGROUND STORAGE PROGRAM (HMUSP)
LEAK DETECTION PROGRAM/TANK MONITORING PROGRAM (LDP/TMP)
HMUSP NO. 157
FACILITY LOCATION: 14041 East Live Oak Avenue, Irwindale

This office has reviewed the LDP/TMP proposal submitted on August 4, 1987 for the subject facility.

In order to comply with the County's minimum LDP/TMP requirements, the information indicated on the attached Additional LDP/TMP Requirements sheet must be submitted to this office by November 20, 1987.

If you have any questions regarding this matter, please contact Mr. Blair Burgess at (213) 226-4437.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By
Waste Management Division

Enc.

cc: Hydrosolutions of California, Inc.

LD302 5/87

FILE # I-593-3S
HMUSP # 157

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ADDITIONAL LDP/TMP REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete evaluation of the LDP/TMP proposal.

[ ] 1. Plot plan to scale showing locations of tanks and associated piping, boring and monitoring well locations, buildings, adjacent streets, and north arrow.

[ ] 2. Information pertaining to the tanks contradicts information previously submitted on the permit application form or hazardous substance storage statements. These contradictions must be corrected.

[ ] 3. Number and location of soil and/or groundwater samples is not adequate.

[ ] 4. Proposed sampling protocol.

[ ] 5. Proposed sample analysis method(s).

[ ] 6. Boring logs certified by a California registered geologist, California registered civil engineer with sufficient experience in soils, or a California certified engineering geologist.

[ ] 7. Type of monitoring proposed is not appropriate for tank(s) number _____.

[ ] 8. Documentation as to depth of groundwater at facility.

[ ] 9. Monitoring well specifications and cross section showing well construction.

[ ] 10. Monitoring well specifications do not conform to Los Angeles County guidelines for the groundwater condition.

[ ] 11. Manufacturer and model number of monitoring sensor or device(s).

[ ] 12. Manufacturer and model number of pressure line monitoring system.

[X] 13. Manufacturer and model number of overfill protection device.

[ ] 14. Tank integrity test results and data sheets.

[ ] 15. Manufacturer and model number of Tank Level Monitor (TLM) system.

[ ] 16. Pressurized pipelines must be shown on the plot plan.

[ ] 17. Monitoring for pressurized pipelines is required.

[X] 18. Other: LDP/TMP for waste oil tank #8 is required

LD302 6/87

Part B

Centrifugal Building

10,000 gallon	Fuel oil/diesel
8,000 gallon	Fuel oil/diesel
8,000 gallon	Fuel oil/diesel

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1640 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90032
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4088
LOS ANGELES, CALIFORNIA 90051

February 1, 1988

IN REPLY PLEASE REFER TO FILE I-593-3S

U.S. PIPE & FOUNDRY CO.
14041 E. LIVE OAK AVENUE
IRWINDALE, CA 91708

BOILER TANKS

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE PERMIT NO. 3361B
FACILITY LOCATION: 14041 E. LIVE OAK AVENUE

This office has reviewed the soil/groundwater assessment report submitted on NOV. 18, 1987 required as a part of the subject closure procedure. Based on the information submitted, we find that:

[x] The closure is final and no further action is required.

[ ] The soils removed during the tank excavation are unrestricted and may be used as backfill material. The closure is final and no further action is required.

[ ] Excavated soils may be a hazardous waste and are not suitable for fill material or disposal on-site. Contaminated soils must be manifested, transported and disposed of pursuant to Chapter 6.5, California Health and Safety Code, unless evidence is presented indicating that disposal is proper at a less restricted facility. Copies of completed manifests or other appropriate evidence indicating legal disposal shall be submitted to this office before this project can be considered closed.

[ ] The permanent closure of the tank(s) in place shall comply with requirements set by the local Fire Department. Verification must be submitted to this office indicating proper closure and completion of all work.

If you have any questions concerning this matter, please contact Ms. Nicole Long at (213) 226- 4010 .

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Nicole Long
Waste Management Division

cc:

CL204 7/87

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-6111

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4088
LOS ANGELES, CALIFORNIA 90051

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUCH, Assistant Director

IN REPLY PLEASE
REFER TO FILE I-593-3S

November 6, 1987

U.S. Pipe & Foundry Co.
14041 East Live Oak Avenue
Irwindale, CA 91708

Gentlemen:

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3361B
FACILITY LOCATION: 14041 EAST LIVE OAK AVENUE

This office has reviewed the closure report submitted on October 30, 1987, for the subject facility.

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by December 4, 1987.

If you have any questions regarding this matter, please contact Mr. Martin Moreno at (213) 226-5930.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By Martin Moreno
Waste Management Division

Enc.

cc: Western Environmental Services

CL207 3/87

NOV 13 1987

HCL

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete the evaluation of Closure Permit No. 3361B.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjatent streets and north arrow.

[ ] Insufficient number of samples were obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[ ] Submit logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at DOHS certified laboratory.

[X] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil.

[ ] Signature on the report is required of CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

[ ] Define the vertical and lateral extent of contamination.

[ ] Propose a remedial action plan to mitigate contamination.

[X] Other Please include either the triple rinse or tank hazardous waste manifest.

CL207 3/87

SAMPLE COLLECTION AND REMOVAL OF UNDERGROUND STORAGE TANKS UNITED CONCRETE PIPE DIVISION 14041 EAST LIVE OAK AVENUE BALDWIN PARK, CALIFORNIA

Project No. 21213

Prepared for:
Rudy's Service Station Equipment Maint., Inc.
2017 Seaman Avenue
South El Monte, California 91733

Prepared by:
WESTERN ENVIROMENTAL SERVICES, INC.
2113 WEST SEVENTEENTH STREET
LONG BEACH, CALIFORNIA 90810

October 21, 1987

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3.0 Geology	2
4.0 Laboratory Analyses and Results	2
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Appendix A - Laboratory Reports	
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LIST OF FIGURES

Figure No.	Title
1	Site Plan

LIST OF TABLES

Table No.	Title
1	Summary of Underground Storage Tank Data
2	Summary of Soil Sampling

1.0 INTRODUCTION

1.1 PURPOSE OF SCOPE OF WORK

This report summarizes underground storage tank removals and soil sampling operations performed at United Concrete Pipe Division (United). The subject site is located at 14041 East Live Oak Avenue, Baldwin Park, Los Angeles County, California

The work accomplished under Los Angeles County Permit No. 3361-B, on October 14, 1987 consisted of the removal of three diesel fuel underground storage tanks, and collection and quantitative analyses of 6 soil samples, used to document subsurface soil conditions.

United engaged the services of Rudy's Service Station Equipment Maint., Inc. (Rudy's) to perform the excavation and removal of the underground storage tanks. Western Environmental Services (WES) was employed under verbal agreement by Rudy's to: 1) collect soil samples from beneath the bottom of each tank and 2) prepare this report on tank removal operations. Included herewith are discussions on field procedures, laboratory testing, and analytical results for soil samples recovered during the excavation and subsequent tank removals.

2.0 FIELD PROCEDURES

On October 14, 1987, under the supervision of Los Angeles County Fire Department, three underground diesel fuel storage tanks were removed and disposed of properly. The tank numbers, capacities and contents as determined by field personnel are summarized in Table 1.

TABLE 1
SUMMARY OF UNDERGROUND STORAGE TANKS DATA
UNITED CONCRETE

TANK NO.	CAPACITY (gals.)	CONTENTS
1	10,000	Diesel
2	8,000	Diesel
3	8,000	Diesel

Following the removal of the tanks, six soil samples (1A, 1B, 2A, 2B, 3A, 3B) were collected at a depth of two feet below tank bottom by a WES geologist. Sample locations are shown on Figure 1 - Site Plan.

The samples were recovered from the excavations using a back hoe and quickly placed by hand into four ounce glas sample jars, sealed with a teflon-lined lid, each sample within labeled and immediately stored on ice in an ice chest until transport to the laboratory. WES chain-of-custody procedures were followed to ensure the integrity of samples submitted for analyses.

3.0 GEOLOCY

The United site overlays alluvial sediments, gravels and cobbles interbedded with coarse grained sands of recent age. The elevation of the tank pit areas is approximately 400 feet above seal level; the surrounding topography slopes gently to the South. A review of California Department of Water Resources (DWR) records indicate the first principle aquifer beneath the site is greater than 100 feet below the surface; semi-perched zones may occur at shallower depths.

4.0 LABORATORY TESTING AND RESULTS

All samples were submitted for analyses to Chemical Research Laboratories, Stanton, California. Samples were tested for total recoverable hydrocarbons according to E.P.A. method 418.1. The sample is extracted using a horn-type sonicator and examined by infrared spectroscopy. Laboratory certificate and chain-of-custody records are included in Appendix A and B respectively.

Based on laboratory results for samples collected, it appears hydrocarbon leakage has occurred at the site. Sample reference numbers, locations and test results (in parts per million) are summarized in Table 2.

TABLE 2
SUMMARY OF SOIL SAMPLING
D&K CONCRETE

SAMPLE NO.	LOCATION	E.P.A. 418.1 (ppm)
1A	Southside of northern diesel tank	100
1B	Northside of northern diesel tank	ND(1)
2A	Southside of southeast diesel tank	15
2B	Northside of southeast diesel tank	1[illegible]9
3A	Southside of southwest diesel tank	ND(1)
3B	Northside of southwest diesel tank	6

5.0 CONCLUSIONS

In accordance with both State and County Guidelines for Underground Storage of Hazardous Materials, WES has completed a field sampling program associated with the removal of underground fuel tanks at the United facility. The results of field study indicates relatively low concentration of petroleum based hydrocarbons have leaked into the soil at the tank pit locations. Due to the deep groundwater table and dense conglomeratic subsurface soil conditions, we recommend United following regulatory approval backfill, compact and resurface the existing excavation.

If we can be of further assistance or provide further information, feel free to call.

Sincerely

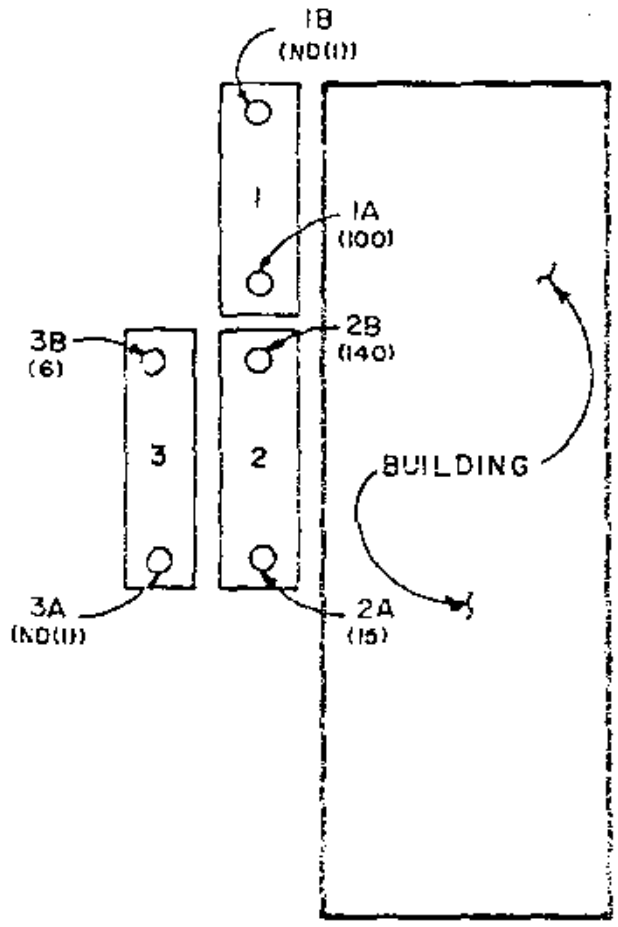
Western Environmental Services

David D. Aronne
Project Geologist

Received by:

Paul Lipinski
California Registered Geologist #3991

FIGURES



DRAWING NUMBER

CHECKED BY

APPROVED BY

DRAWN BY

LEGEND:

B1 ○ LOCATION OF SAMPLES COLLECTED OCT. 14, 1987

(100) CONCENTRATION OF TOTAL HYDROCARBON (PPM)

1 TANK LOCATION

TANK DATA

NO.	DESCRIPTION
1	10,000 GALLON DIESEL
2	8,000 GALLON DIESEL
3	8,000 GALLON DIESEL

APPROX. SCALE

0 20 40 FT.

FIGURE 1

PARTIAL SITE PLAN AND SAMPLE LOCATIONS

UNITED CONCRETE PIPE
14041 EAST LIVE OAK AVE.
BALDWIN PARK CA. 91706
PREPARED FOR
RUDY'S SERVICE STATION
EQUIPMENT MAINT. INC.
2017 SEAMAN AVENUE
SO. EL MONTE, CA.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

October 20, 1987

WESTERN ENVIRONMENTAL SERVICES
P.O. BOX 9806
LONG BEACH, CA 90810
ATTN: DAVID ARONNE

ANALYSIS NO.: 728703-001/006
ANALYSES: EPA METHOD 418.1
DATE SAMPLED: 10/14/37
DATE SAMPLE REC'D: 10/14/87
PROJECT: UNITED CONCRETE

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 728703-001/006 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

REVIEWED AND APPROVED

10/21/87
DATE

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-5370 • FAX: (714) 891-5917 • (800) LAB-ICRL

LABORATORY REPORT

WESTERN ENVIRONMENTAL SERVICES
P.O. BOX 9806
LONG BEACH, CA 90810
ATTN: DAVID ARONNE

ANALYSIS NO.: 728703-001/006
ANALYSES: EPA METHOD 418.1
DATE SAMPLED: 10/14/87
DATE SAMPLE REC'D: 10/14/87
DATE ANALYZED: 10/15/87
SAMPLE TYPE: SOIL
PROJECT: UNITED CONCRETE

SAMPLE IDENTIFICATION	TOTAL PETROLEUM HYDROCARBONS EPA METHOD 418.1 [mg/kg]
1A SOUTHSIDE OF NORTHERN 10K DIESEL 2'B.G.	100
1B NORTHSIDE OF NORTHERN 10K DIESEL 2' B.G.	ND(1)
2A SOUTHSIDE OF EAST 8K DIESEL 2' B.G.	15
2B NORTHSIDE OF EAST 8K DIESEL 2' B.G.	140
3A SOUTHSIDE OF WEST 8K DIESEL 2' B.G.	ND(1)
3B SOUTHSIDE OF WEST 8K DIESEL 2' B.G.	6

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

CHEMICAL RESEARCH LABORATORIES, INC.

7440 LINCOLN WAY • GARDEN GROVE, CA 92641
(714) 898-6370 • (213) 599-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date Oct 14 Page 1 of 1

CLIENT Western Environmental Services

ADDRESS PO Box # 9806
Long Beach, Ca 90810

PROJECT NAME United Concrete

PROJECT MANAGER David Aronne

PHONE NUMBER 213-495-1334

SAMPLERS: (Signature) David Aronne

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
1A	Southside of northern 10k desiel 2' B.G.	10-14-97			✓		✓	✓	E.P.A 418.1
1B	Northside of northern 10k desiel 2' B.G.	↓			✓		✓	✓	
2A	Southside of ~~west~~ east 8k desiel 2' B.G.				✓		✓	✓	
2B	northside of east 8k desiel 2' B.G.				✓		✓	✓	
3A	southside of west 8k desiel 2' B.G.				✓		✓	✓	
3B	northside of west 8k desiel 2' B.G.				✓		✓	✓	

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
David Aronne Western Environmental Services Inc 10-14-97		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
		[illegible]	10/14 19:00

Method of Shipment:

Special Instructions: 48 hour [illegible] NLT Friday P.M.

SOURCE: Adapted from U.S. EPA, 1985

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 00331

TANK DISPOSAL FORM

Date: 10-12 ,19 87
Job #
P.O. #

CONTRACTOR: Rudy's Service
ADDRESS: 2017 Seaman Ave. S. El Monte, Ca, 91733
JOB SITE: United Concrete Pipe
ADDRESS: 14041 E. Live Oak Blvd Baldwin Park
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC NO.
10-14-87	9:30	3-10000		#2

SPECIAL INSTRUCTIONS:

Third Tank 8000 has a manway on it We have to rent a special trailer to transport

COMMODITY (SPECIFY)

✓	Services Rendered	Cost
___	Disposal Fee	100.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	250.00
___	Fiberglass Tank Disposal Fee Per Tank	200.00
___	Cancellation Fee	250.00
✓	Other Specify Special Fee	
	TOTAL CHARGES	$ 250.00

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

TANKS RECEIVED

QTY.	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
___	280	☐	☐	.15	
___	500	☐	☐	.22	
___	550	☐	☐	.25	
___	1000 - 12ft.	☐	☐	.46	
___	1000 - 6ft.	☐	☐	.63	
___	1500	☐	☐	.90	
___	2000	☐	☐	1.00	
___	2500	☐	☐	1.18	
___	3000	☐	☐	1.36	
___	4000	☐	☐	1.70	
___	5000	☐	☐	2.50	
___	6000	☐	☐	2.92	
___	7500	☐	☐	3.36	
1	8000	☐	☑	3.55	3.55
___	9000	☐	☐	3.94	
___	10000	☐	☐	4.47	

NO. OF TANKS: 1 TOTAL NET TONS: 3.55

*F = FIBERGLASS S = STEEL TOP

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

M. Jimenez
AUTHORIZED REP.

GENERATOR COPY

10-14-87.
DATE

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 00330

TANK DISPOSAL FORM

Date: 10-12 ,19 97
Job #
P.O. #

CONTRACTOR: Rudy's Service
ADDRESS: 2017 Seaman Ave. S. El Monte, Ca. 91733
JOB SITE: United Concrete Pipe
ADDRESS: 14041 E. Live Oak Blvd. Baldwin Park
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY	LIC NO.
10-14-97	12:30	3-10,000	[illegible]	[illegible]

SPECIAL INSTRUCTIONS:

TIME IN: 12:30
TIME OUT: 1:23

COMMODITY (SPECIFY)

QTY.	TANKS RECEIVED GALLONS	TYPE F* S*	NET TONS	TOTAL
	280		.35	
	500		.55	
	550		.25	
	1000 - 12ft.		.4	
	1000 - 6ft.		.63	
	1500		.90	
	2000		1.00	
	2500		1.13	
	3000		1.25	
	4000		1.79	
	5000		2.50	
	6000		2.92	
	7500		3.50	
	8000		3.50	
	9000		3.5	
2	10000	☑	4.4	8.44

✓	Services Rendered	Cost
✓	Disposal Fee	100.00
	Extensive Loading Time	150.00
	Disposal Fee with Permit	250.00
	Fiberglass Tank Disposal Fee Per Tank	200.00
	Cancellation Fee	250.00
	Other Specify	

TOTAL CHARGES $ 100.00

NO. OF TANKS: 2 TOTAL NET TONS: 8.44

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

*F = FIBERGLASS (S = STEEL 105)

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION
THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

[signature] 10-14-97
AUTHORIZED REP. GENERATOR COPY DATE

Part C

Garage Tanks

10,000 gallon	Diesel
10,000 gallon	Gasoline
1,000 gallon	Gasoline

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-4111

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

March 30,1987

IN REPLY PLEASE REFER TO FILE I-593-3S

United Concrete Pipe Division
Box 429
Baldwin Park, CA 91706
Attn: Mr. Frederick Gobler

Gentlemen: United Concrete Pipe Div.

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE PERMIT NO. 1292B/2236B
FACILITY AT: 14041 E. Live Oak Avenue

This office has reviewed the soil/groundwater assessment report submitted on March 17,1987 as required as part of the subject closure procedure. Based on the information submitted, the following action is required:

[XX] The closure is final and no further action is required.

[ ] The soils removed during the tank excavation are unrestricted and may be used as backfill material. The closure is final and no further action is required.

[ ] The soils are not suitable as fill material and must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.2, unless evidence is presented indicating that disposal is proper at a less restricted facility. Copies of all completed manifests shall be submitted to this office indicating legal disposal.

[ ] The permanent closure of the tank(s) in place shall comply with requirements set by the local Fire Department. Verification must be submitted to this office indicating proper closure and completion of all work.

If you have any questions concerning this matter, please contact Ofori Amoah at (213) 226-4014.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

cc:

CL204 8/86

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director
WYNN L. SMITH, Chief Deputy Director
CECIL E. BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

IN REPLY PLEASE REFER TO FILE I-593-3S

February 10, 1987

U.S. Pipe & Foundry Co.
Box 429
Baldwin Park, CA 91706

Attn: Mr. Frederick Cobler

Gentlemen:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE PERMIT NO. 2236B
FACILITY AT: 14041 E.Live Oak Ave.

This office has reviewed the soil/groundwater assessment report submitted on January 28, 1987 as required as part of the subject closure procedure. Based on the information submitted, the following action is required:

[ ] The closure is final and no further action is required.

[ ] The soils removed during the tank excavation are unrestricted and may be used as backfill material. The closure is final and no further action is required.

[X] The soils are not suitable as fill material and must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.2, unless evidence is presented indicating that disposal is proper at a less restricted facility. Copies of all completed manifests shall be submitted to this office indicating legal disposal.

[ ] The permanent closure of the tanks(s) in place shall comply with requirements set by the local Fire Department. Verification must be submitted to this office indicating proper closure and completion of all work.

If you have any questions concerning this matter, please contact Ofori K. Amoah at (213) 226-4014.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

2-11-87
WE MUST HAVE UNITS WHAT SOIL

cc:

CL204 8/86

UNITED CONCRETE PIPE

A DIVISION OF U.S. PIPE AND FOUNDRY CO.

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

January 22, 1987

Ofori K. Amoah
County of Los Angeles
Department of Public Works
2250 Alcazar Street
Los Angeles, CA 90051

Dear Mr. Amoah:

In accordance with State and Local laws, enclosed is a copy of the underground tank closure and site accessment report from Brown and Caldwell Consulting Engineers for the Baldwin Park Plant. The contents of the report for this site seem to be self explanatory. In light of the limited contamination levels, and deep ground water we request authorization to backfill, and complete the closure at this location.

Your prompt attention would be appreciated, and if there is any additional information I can supply to expedite the process, please contact me.

Very truly yours,

Frederick C. Gobler, P.E.

FCG:ag

Encl.

BROWN AND CALDWELL
CONSULTING ENGINEERS

January 19, 1987

Mr. Frederick C. Gobler, P.E.
Senior Mechanical Engineer
United Concrete Pipe
A Division of U.S. Pipe
Post Office Box 429
Baldwin Park, California 91706

12-2990-00

Subject: Soil Sample Analysis for
United Concrete Pipe Company at
14041 Live Oak Drive
Baldwin Park, California

Dear Mr. Gobler:

Attached is a copy of the subject United Concrete Pipe Division site plan (Attachment A) located in Baldwin Park, California. Also attached are the report of analytical results (Attachment B) for five soil samples taken at the site, a copy of the Chain-of-Custody Record for the samples (Attachment C), and a sketch showing where the samples were taken (Attachment D).

Five soil samples were obtained from a three tank excavation on December 17, 1986. Two 10,000 gallon fuel tanks were pulled initially, on December 11,1986, with a verbal authorization from the County of Los Angeles Fire Prevention Division located on 125 South Baldwin Avenue. Soil samples were not obtained that day because equipment was not available to collect soil from the bottom of the excavation pit. The third, 1,000 gallon fuel tank was removed on December 17, 1986 in the presence of Michael Saemz of the County of Los Angeles Fire Prevention Division.

Soil samples were obtained by using a clam bucket digger on a 15-10 crane to collect soil at an approximate depth of three feet below where each tank was positioned. Each sample was then collected in a 2-inch diameter brass tube using a hand shovel. The brass tubes were capped with a teflon liner and plastic cap, sealed around the edge of the cap with electrical tape, then placed on ice for storage and transport to the laboratory.

Two soil samples were collected for both the 10,000 gallon regular and the 1,000 gallon gasoline fuel tanks. Only one sample was obtained for the 10,000 gallon diesel tank because the east sidewall to that tank contained a full 10,000 gallon fuel tank which would be in danger of sliding into the pit if excavation continued on the southeast side. Each sample was analyzed for petroleum hydrocarbons using EPA Method 8015. Total fuel hydrocarbon concentrations in the five samples ranged from less than 10 to 560 mg/kg.

A review of the available information indicates groundwater is located approximately 200 feet below the United Concrete site (verbal, Los Angeles Public Works, Loleta Amandy and Bulletin No. 104-2, Planned Utilization of Groundwater Basins - San Gabriel Valley, DWR). The soils beneath the site consist of recent and older alluvium deposits to an approximate depth of 2,500 feet (Bulletin No. 104-2, DWR). These deposits consist predominantly of coarse sands, gravels and boulders which were deposited along the San Gabriel River Channel.

I trust this letter meets your requirements at the present time. If you have any questions, please contact me.

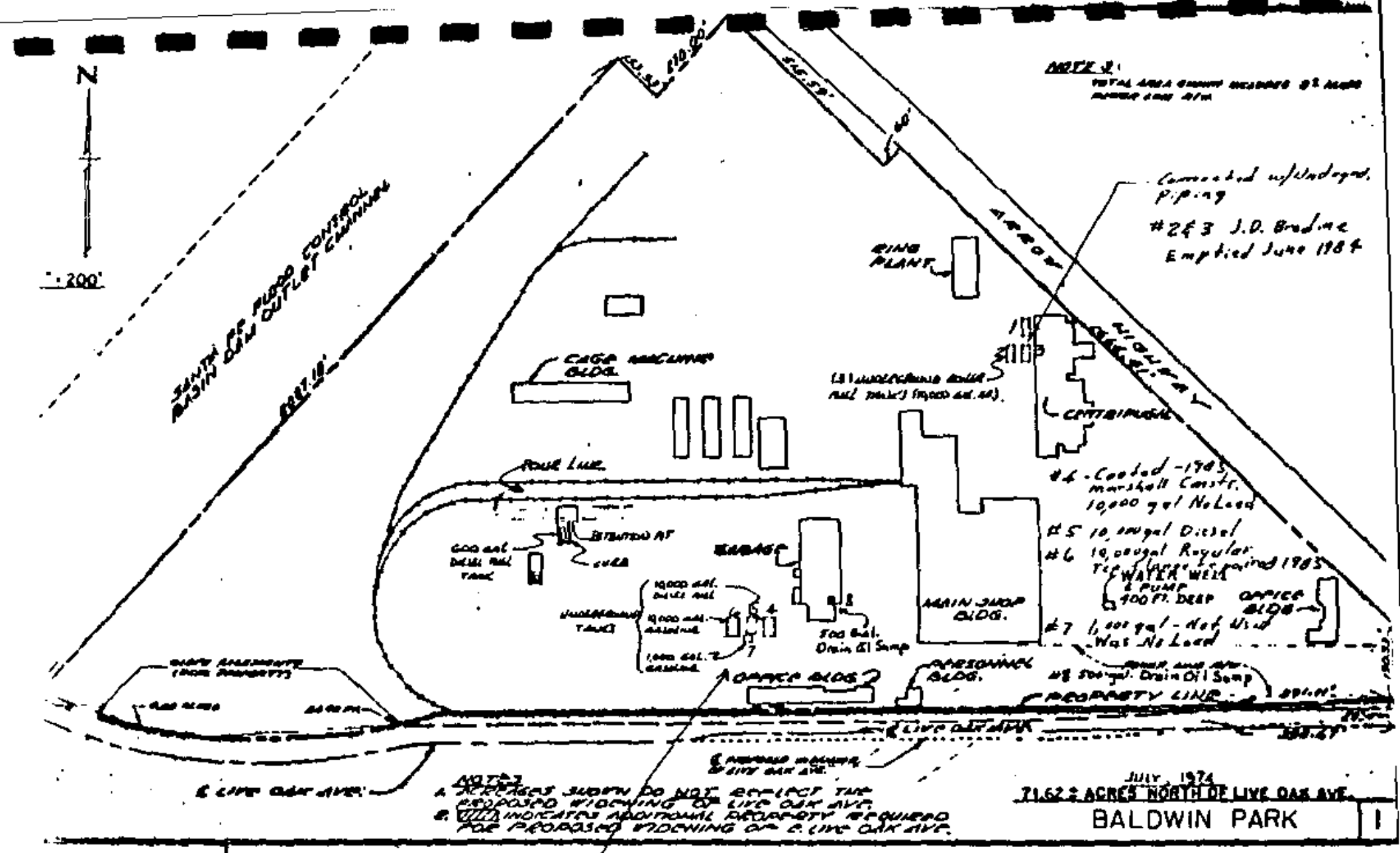
Very truly yours,

BROWN AND CALDWELL

Vijay K. Bedi
Supervisor
Hazardous Materials Management Department

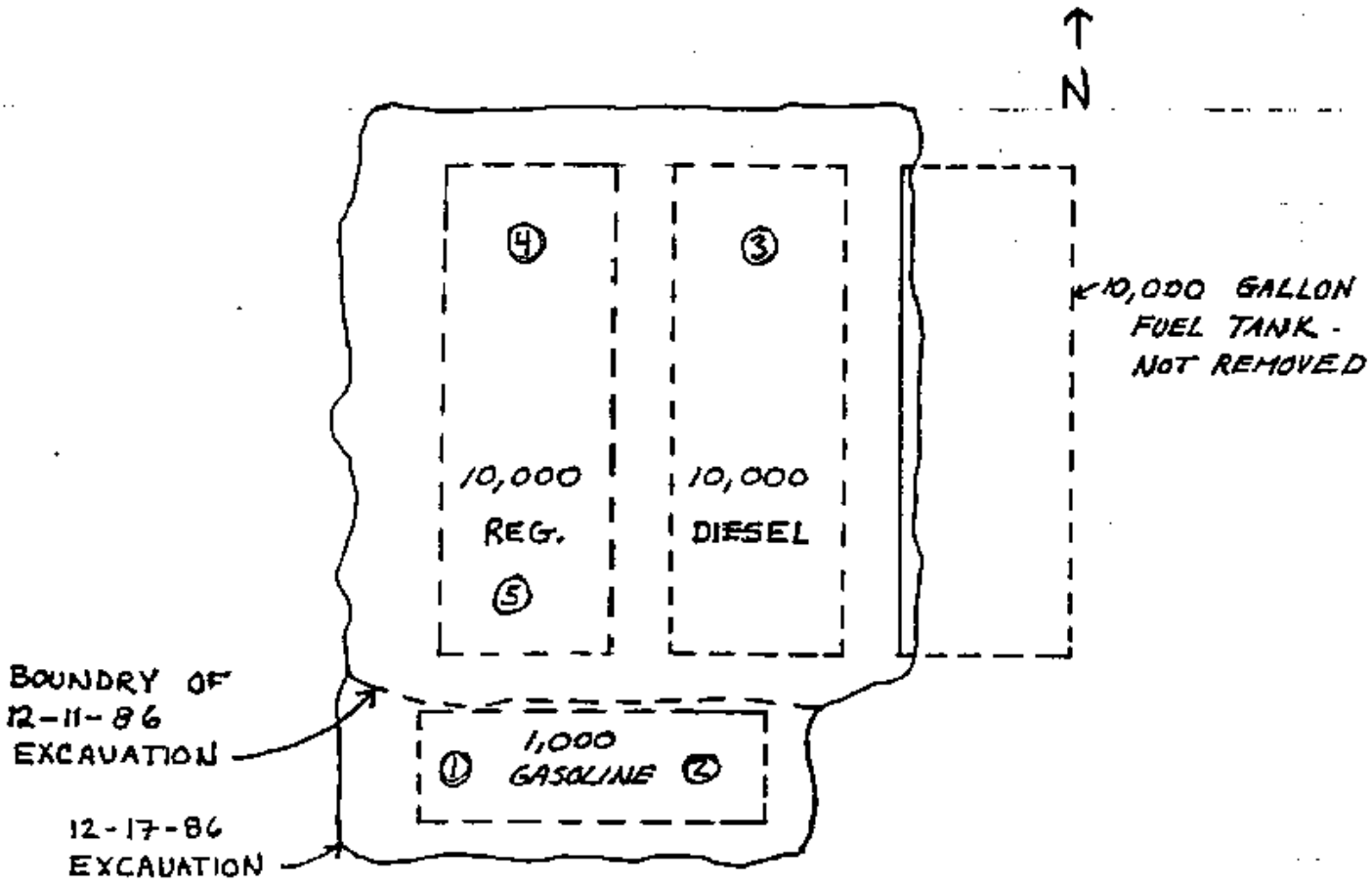
REGISTERED GEOLOGIST
VIJAY KUMAR BEDI
No. EG 1247
CERTIFIED
ENGINEERING
GEOLOGIST
Exp. 6/30/88
STATE OF CALIFORNIA

VKB:ln
Enclosure



U. S. PIPE & FOUNDRY COMPANY
UNITED CONCRETE PIPE DIVISION
14041 EAST LIVE OAK AVENUE
IRWINDALE, CALIFORNIA 91708

FOR DETAIL
SEE SHEET 2



LEGEND

① Sample log No. 12-291-1 taken 12-17-86 = 560 mg/kg (ppm)
② Sample log No 12-291-2 taken 12-17-86 = 200 mg/kg (ppm)
③ Sample log No 12-291-3 taken 12-17-86 = 34 mg/kg (ppm)
④ Sample log No 12-291-4 taken 12-17-86 = <10 mg/kg (ppm)
⑤ Sample log No 12-291-5 taken 12-17-86 = 37 mg/kg (ppm)

2990 JOB NO	KM BY	UNITED CONCRETE TANK EXCAVATION SUBJECT	1-13-87 DATE	2 SHEET NO

BROWN AND CALDWELL BC
ANALYTICAL LABORATORIES

December 22, 1986

Mr. Ron Mazella
Rudy's Service Station
5811 Temple City Blvd.
Temple City, CA 91780

Date Received: 12/17/86
Date Sampled: 12/17/86
Lab Number: P86-12-291

Sample Identification	Petroleum Hydrocarbons, mg/kg
1. 1000 gallon tank - West End	560
2. 1000 gallon tank - East End	200
3. 10,000 gallon diesel - North End	34
4. 10,000 gallon reg. - North End	<10
5. 10,000 gallon reg. - South End	37

Jane Freemyer
Laboratory Support Supervisor

JF:jm

BROWN AND CALDWELL

Client name: LAB JOB

Job number: 7990 -

Project name: RUDY'S SER. ST. - UNITED CONCRETE

Project manager: RUDY

Sampler(s): L. MASERIAN

Sample no.	Date sampled	Time sampled	Type Composite or Grab	Sample description	Number of containers	mg/kg	EPA 8015	Hazardous sample Special handling required	Remarks
	12-17	12:30		1000 Gal. tank - west end		560	X		Rush
	"	"		1000 Gal. tank - east end		200	X		
	"	"		10,000 Gal Diesel - North end		34	X		48 HR.
	"	"		10,000 Gal Reg - North end		<10	X		
	"	"		10,000 Gal Reg - South end		37	X		DUE 12/19

Analyses required

	Signature	Company	Date	Time
Relinquished by	Lisa Maserjian	BC Eng.	12-17-86	1:05
Received by	Fran McKee	B & C	12-17-86	1:05
Relinquished by				
Received by				
Relinquished by				
Received by				

BROWN AND CALDWELL Analytical Laboratories

☐ 1255 Powell Street, Emeryville, CA 94608 (415) 428-2300

☐ 371 South Fair Oaks Avenue, Pasadena, CA 91105 (213) 681-4666

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.
Hazardous samples will be returned to client or disposed of at client expense.

Part D

Garage Waste Oil Sump and 3,000 Gallon Tank

UNITED
CONCRETE PIPE
CORPORATION

August 2, 1989

County of Los Angeles
Department of Public Works
Waste Management Division
900 S. Fremont Avenue
Alhambra, CA 91803-1331

Attention: John Awuja

Dear John:

Here is a chronology of events concerning the removal of the 500 gallon concrete sump and 3000 gallon steel tank that had been used for waste oil collection and storage.

4-10-87	HMUSP No. 157 (includes waste oil sump as tank No. 8)
10-5-87	Test Boring Report (Hydrosolutions)
8-2-88	Permit 4654B pulled for 500 gallon concrete drain oil sump
1-12-89	Discovery of 3000 gallon steel tank
3-16-89	Permit 5418B for 3000 gallon steel tank only (pulled by Rudy's)
*3-31-89	Tank cleaned, inspected and removed soil samples S1 and S2 collected
4-13/14-89	Excavation of contaminated soil 9 samples tested by mobile lab
5-31-89	Material divided into 5 piles
*6-1-89	Each pile sampled
*6-15/16-89	All material screened
6-19-89	Fines (-1 inch) hauled to Casmalia
6-19/23-89	Excavation backfilled
6-26-89	Letter to Nichols
7-14-89	Report from Terra-Tech
8-1-89	Discovered permit 5418B covered only 3000 gallon tank

*Tony Palagyi of your Arcadia office was present

The physical arrangements of the waste-oil collection system is shown in the attached sketch.

We request that a single permit be issued to cover both the sump and tank.

Sincerely,

Bill Richardson
Principal Project Engineer

BR:ag

Attachment

UNITED CONCRETE PIPE CORPORATION

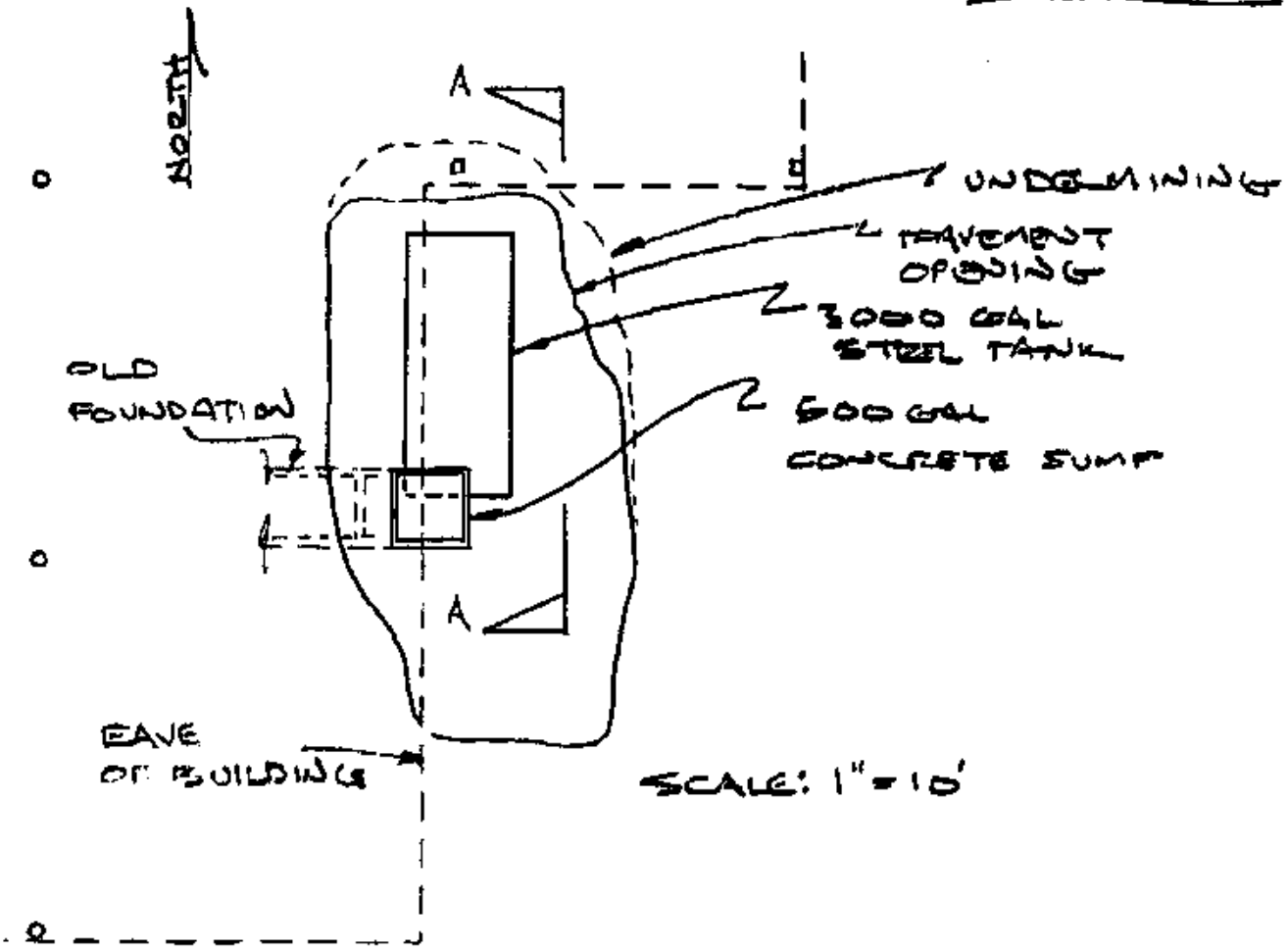
ENGINEERING CALCULATIONS

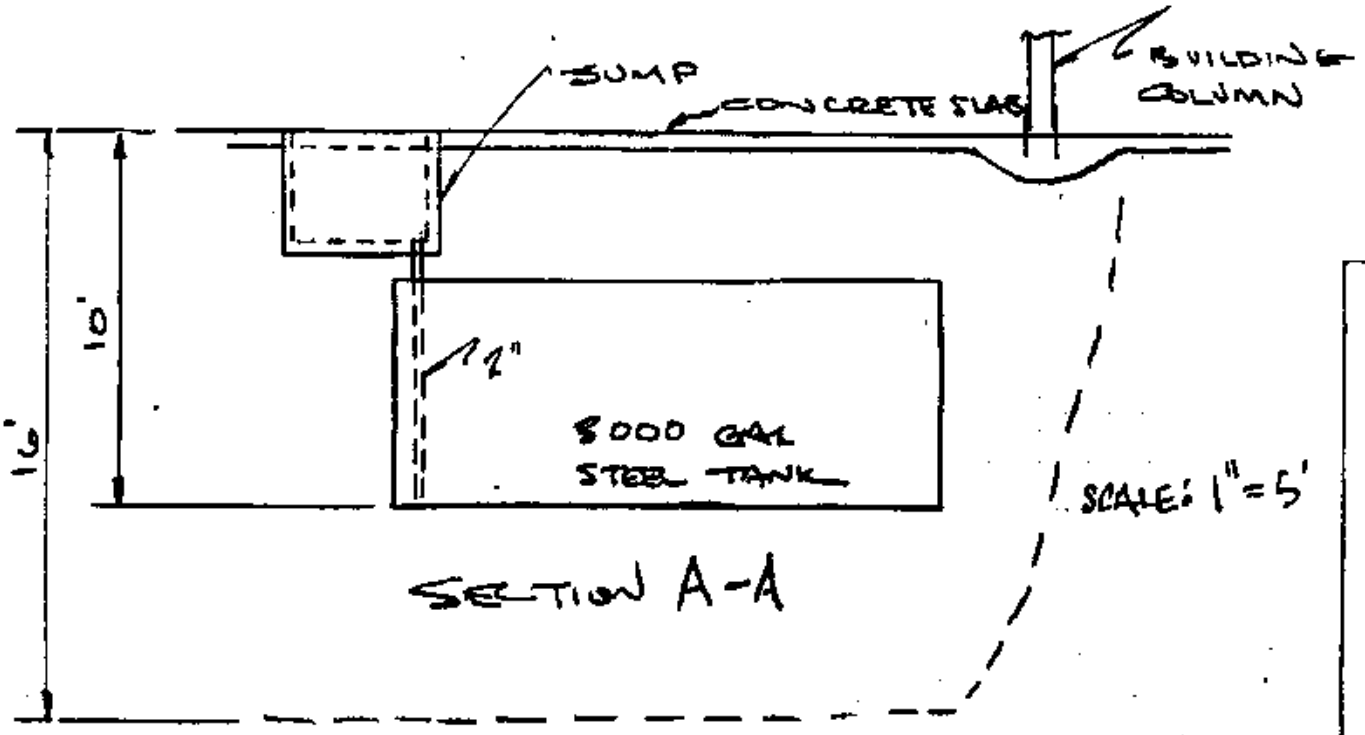
NO. _____

DESCRIPTION FRP WASTE OIL SYSTEM SHEET _____ OF _____

DATE 8/2/89

FOR LAMONT OF SUMP & TANK COMP. BY _____ C'K'D BY _____





DATE

TITLE

272 2-88

UNITED
CONCRETE PIPE
CORPORATION

December 1, 1989

County of Los Angeles
Dept. of Public Works
Waste Mgmt. Division
900 S. Fremont Ave.
Alhambra, CA 91803-1331

Attention: John Awuja

RE: HMUSP 157
FILE 593
PERMIT 4654B, & PERMIT 5418

Dear Mr. Awuja:

The geologist's report for the 500 gallon sump and 3,000 gallon waste oil tank is enclosed. If any additional information is required, please let me know so that this closure can be completed.

Sincerely,

Fritz C. Gobler, P.E.

FCG:ag

Encl.

TERRA TECH LABS Inc.

AN ENVIRONMENTAL TESTING SERVICE

TANK CLOSURE REPORT

prepared for

RUDY'S SERVICE STATION
REPAIR AND MAINT., INC.
United Concrete Pipe Corporation
14041 East Live Oak
Baldwin Park, California

prepared by

TERRA TECH LABS, Inc.
Huntington Beach, California

July 8, 1989
1026-12

INTRODUCTION

The United Concrete Pipe Corporation located at 14041 East Live Oak Avenue in the City of Irwindale, California had used a waste oil system consisting of a 500 gallon concrete sump piped to a 3,000 gallon steel storage tank. In order to comply with the Los Angeles County Public Works Department, Waste Management Division's underground storage tank regulations, United Concrete Pipe Corporation requested the permanent closure of this tank, including removal of the sump and all associated piping. Closure permit #5418B was issued March 16, 1989 (Appendix A). The tank and sump were removed from the ground on March 23, 1989 by Rudy's Service Station Repair and Maint., Inc. of South El Monte, California. The tank was triple rinsed and this rinsate material manifested and taken to Petroleum Recylcing Center in Signal Hill, California (Appendix B). The tank was then rendered inert and certified clean by Harbor Testing Laboratory (Appendix C). The tank was removed from the site the same day by American Metal Recycling in Ontario, California (Appendix D). Soil sampling and laboratory analyses to determine the past integrity of the tank and future use of the soil was peformed by TERRA TECH LABS, Inc. on March 31, April 13 and April 14, 1989. All excavated soil was stockpiled adjacent to the tank pit pending laboratory analyses.

PROCEDURE

Two soil samples were collected from this site on March 31, 1989. One sample each (S2 and S1) was collected from two beneath the north and south ends.

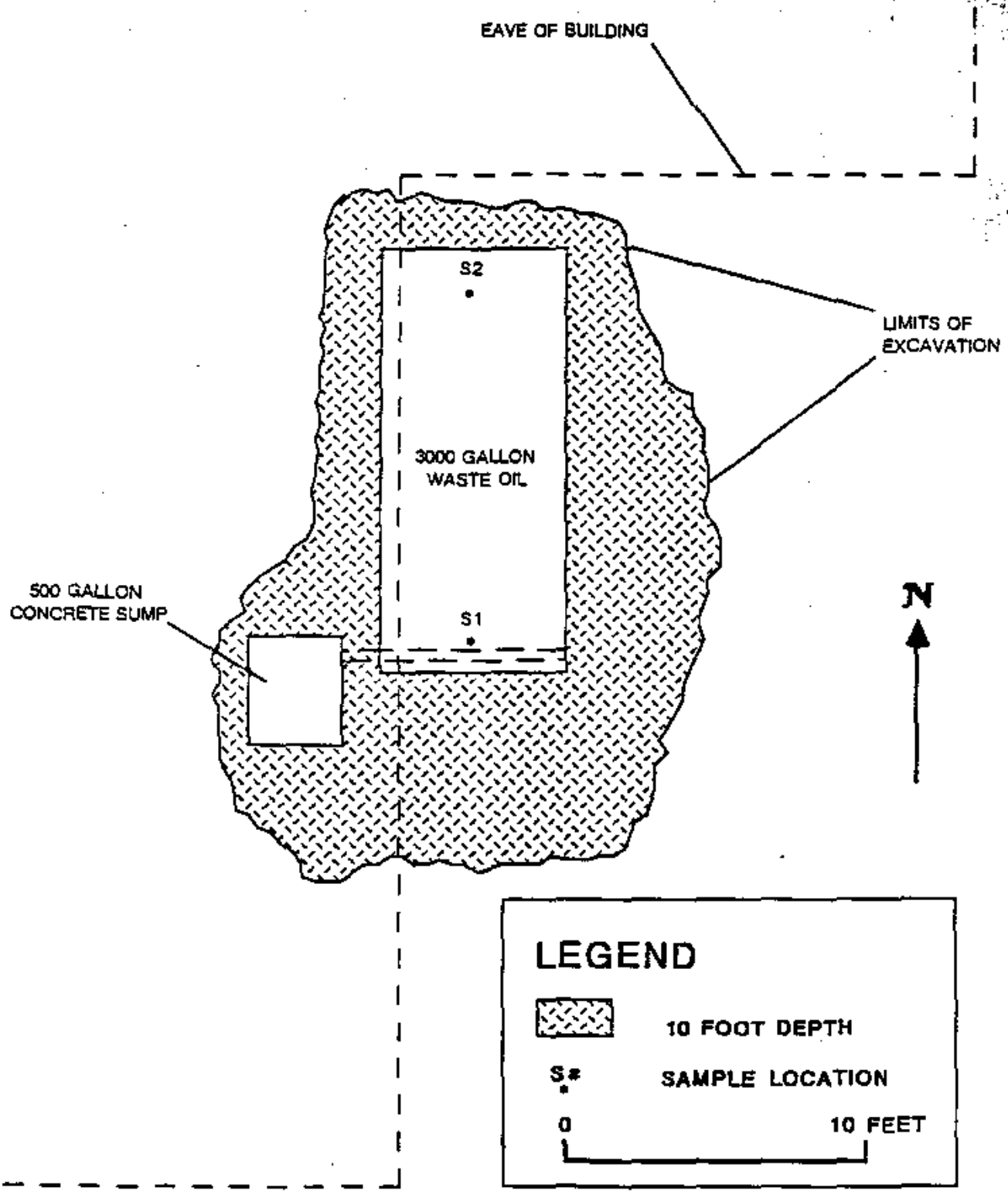
respectively, of the tank (ten feet below ground surface). See Figure 1 for sample locations. These samples were collected under the direction and supervision of Mr. Tony Palagyi, Inspector for the Los Angeles County Department of Public Works Waste Management Division.

On April 13, 1989 two additional samples (S3 and S4) were collected from four and six feet beneath the south end of the 3,000 gallon waste oil tank excavation, respectively (fourteen and sixteen feet below ground surface). One sample (SP1) was also collected from the surrounding spoils pile. See Figure 2.

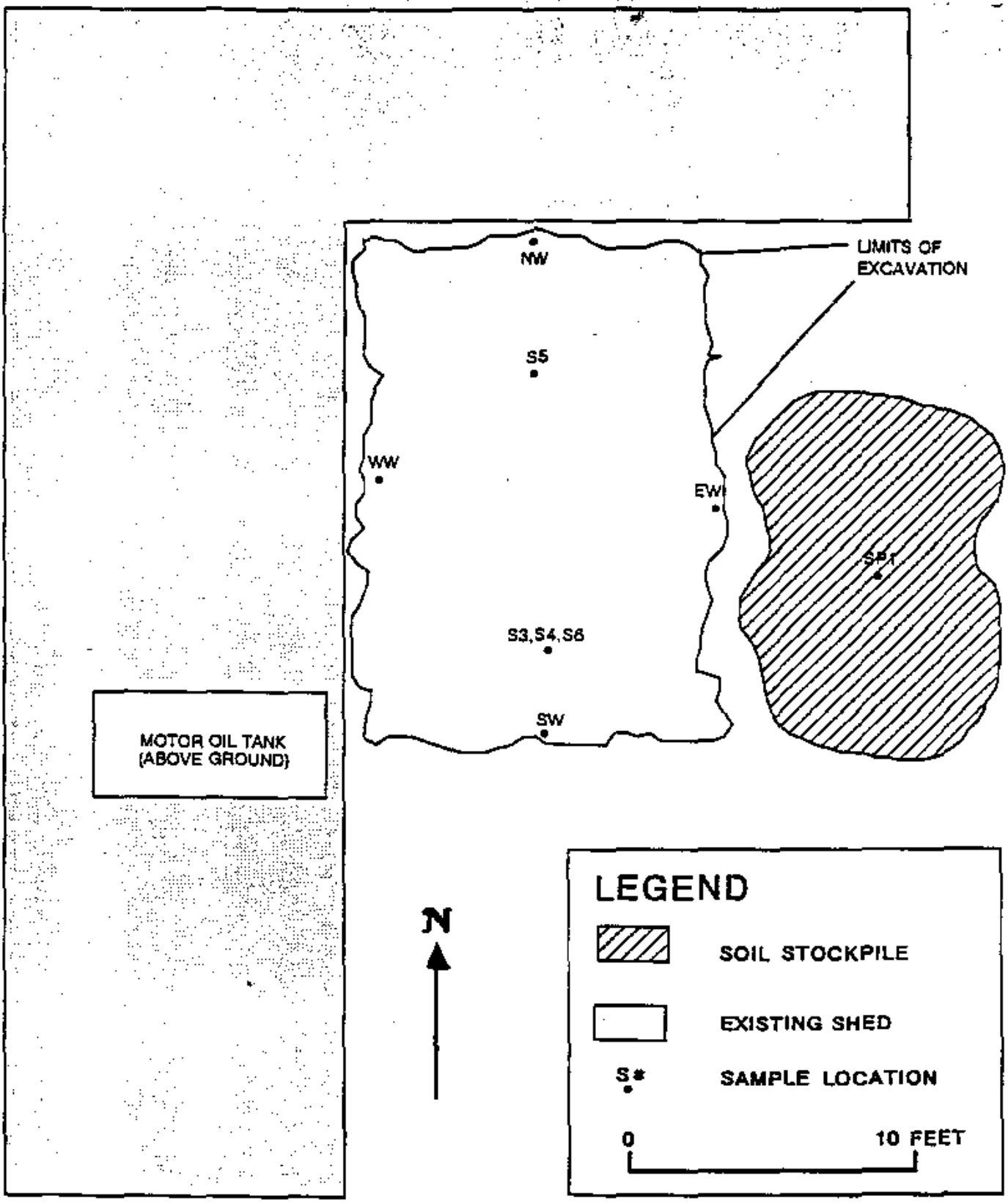
On April 14, 1989 an additional six samples were collected from the tank excavation. Two samples (S5 and S6) were collected from the north and south ends of the tank excavation at a depth of approximately seventeen feet below ground surface. One sample each (NW, SW, EW and WW) was collected from the north, south, east and west walls, respectively. These wall samples were collected at a depth of sixteen feet below ground surface. See Figure 2 for sample locations. This sampling was overseen by Mr. Tony Palagyi of the Los Angeles County Department of Public Works.

The contaminated soil removed from the excavation was segregated into five spoils piles and the United Concrete Pipe Company requested that TERRA TECH LABS, Inc. return to the site to sample these spoils piles. On June 1, 1989 five samples (SP1-SP5) were collected from the site, one from each spoils pile. See Figure 3 for spoils pile locations and sample locations.

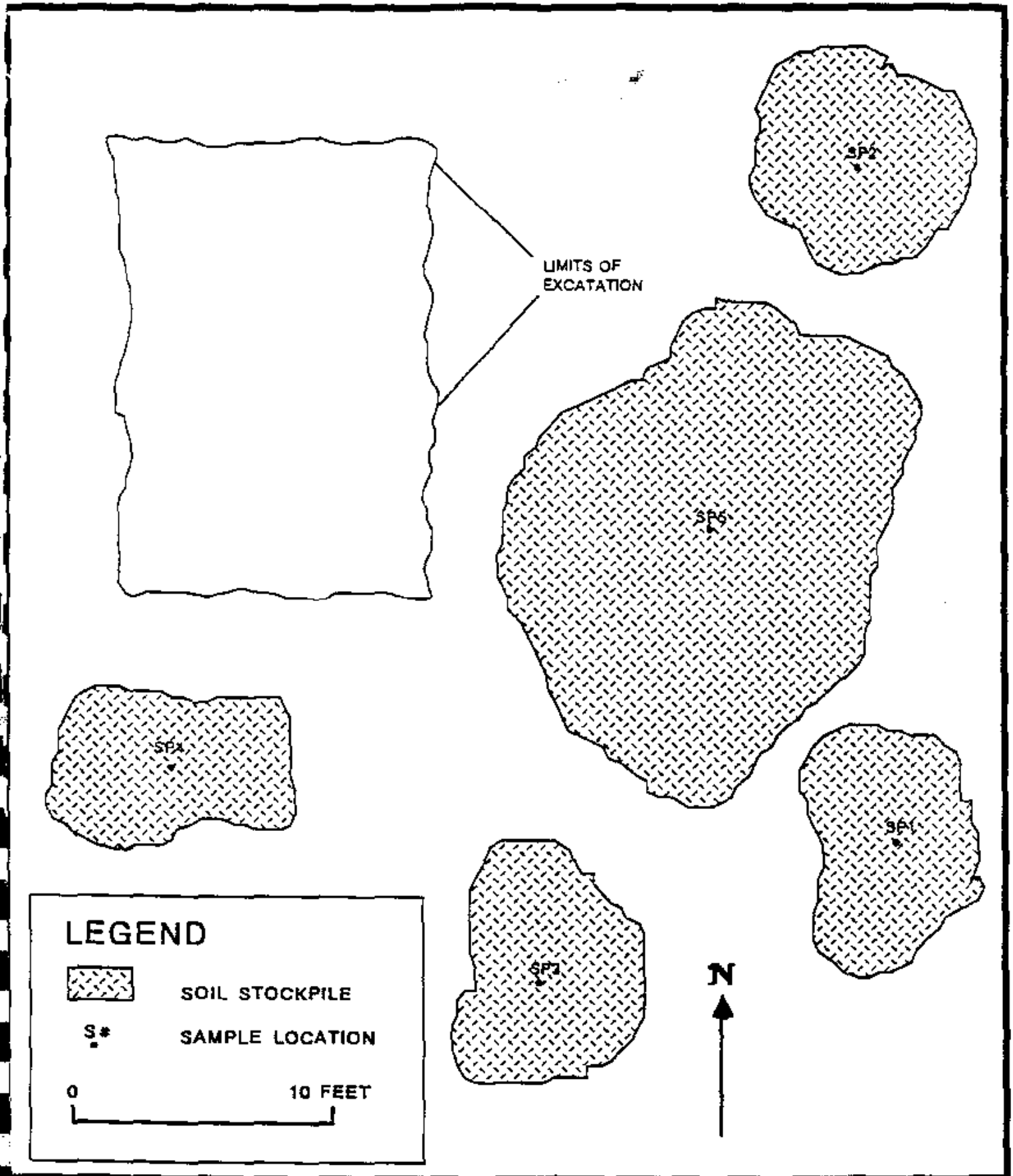
The soil samples were collected with a clean trowel that was washed with trisodium phosphate (TSP), rinsed in distilled water and air dried before each sample



TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE 16371 Gothard Street, Suite G Huntington Beach, CA 92647	FIGURE 1 - SITE PLAN United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	PROJECT NUMBER: 1026-12 DATE: 03-31-89



TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE 16371 Gothard Street, Suite G Huntington Beach, CA 92647	FIGURE 2 - SITE PLAN United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	PROJECT NUMBER: 1026-12 DATE: April, 1989



TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE 16371 Gothard Street, Suite G Huntington Beach, CA 92647	FIGURE 3 - SITE PLAN United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	PROJECT NUMBER: 1026-12 DATE: 06-01-89

was collected. The samples were packed in sterile 8 oz., open mouth glass jars until full, thus allowing no headspace. The jars were then sealed with screw-top caps containing Teflon liners, labeled, and stored in a cooler with ice to maintain laboratory storage temperatures of approximately 4 degrees Centigrade until mobile analyses could be performed. Chain-of-Custody records were completed for each sample to ensure traceability (Appendix E). These samples were collected from the center of the bucket of a backhoe and gradall after soil had been removed down to the aforementioned depths.

Visual inspection of the tank revealed no evidence of leakage or spillage. No odors or staining were evident in the tank excavation. Ground water was not observed in the tank excavation. According to the Los Angeles County Flood Control District's well # 3020G as of October 1988, the depth to ground water adjacent to this site was 159.2 feet below ground surface.

The soil samples were submitted to TERRA TECH LABS, Inc. of Huntington Beach, California on March 31, April 13, April 14, and June 1, 1989. The analysis specified and performed for the samples collected was in accordance with EPA Method 418.1. This method utilizes a solvent (Freon-113) extraction and then analysis with an infrared spectrophotometer (IR). The two original samples collected from the tank excavation (S1 and S2) were also analyzed in accordance with EPA Method 8020 for volatile aromatics.

LABORATORY RESULTS

Chemical analysis of the soil samples collected on March 31, 1989 revealed

sample S1 to have a detectable total recoverable petroleum hydrocarbon concentration of 4780 mg/kg and sample S2 to have a detectable total recoverable petroleum hydrocarbon concentration of 33.1 mg/kg. Sample S2 revealed no detectable volatile aromatic concentrations and sample S1 revealed no detectable benzene, ethylbenzene or total xylene concentrations. Sample S1 revealed a very low detectable level of toluene (0.58 mg/kg). According to the Los Angeles County Department of Public Works, the generally accepted action limit for petroleum hydrocarbons is 100 mg/kg. Therefore, further excavating, sampling and analyses were performed on April 13 and 14, 1989.

Chemical analysis of the two samples (S3 and S4) collected from the south floor of the tank excavation on April 13, 1989 revealed total recoverable petroleum hydrocarbon concentrations of 259 and 202 mg/kg, respectively. The spoils pile sample collected on this date revealed a total recoverable petroleum hydrocarbon concentration of 318 mg/kg. Since these soil samples exceeded the action limit, additional samples were required. Chemical analysis of the six samples (S5, S6, NW, SW, EW and WW) collected on April 14, 1989 revealed total recoverable petroleum hydrocarbon concentrations of ND, 77.7 mg/kg, ND, 30.4 mg/kg, ND and 93.8 mg/kg, respectively (where ND means not detected at 1.0 mg/kg). These samples were not analyzed by EPA Method 8020 for volatile aromatics because the most contaminated sample (S1) did not reveal any significant volatile aromatic concentrations. Because all of these deeper floor and wall samples revealed total recoverable petroleum hydrocarbon concentrations less than the generally accepted action level of 100 mg/kg,

no further sampling or analyses were performed from the tank excavation. See Appendix F for all laboratory results.

The contaminated soil that was removed from the excavation was stockpiled adjacent to the tank excavation while disposal and treatment options are explored. Chemical analysis of the five soil samples collected from the surrounding spoils piles revealed total recoverable petroleum hydrocarbon concentrations of 545, 1500, 1150, 644 and 649 mg/kg (samples SP1-SP5, respectively). See Appendix F. United Concrete Pipe Corporation decided to haul their contaminated soil to a Class 1 Hazardous Waste Facility, but only after a waste minimization process. This waste minimization process was performed in order to remove the rocks and boulders from the soil because of the much lower surface area to weight ratio (representing contaminated soil) of the larger particles (the rocks and boulders). This process was verbally approved by Ms. Nichole Long of the Los Angeles County Department of Public Works (Appendix G). All material from the excavation was passed over a one inch opening screen powered by pneumatic vibrators. Undersize (less than one inch) material was hauled to the Class 1 landfill, while oversize (greater than one inch) material was used as part of the backfill. Approximately one hundred fifty two tons of contaminated soil was removed from this site and sent to Casmalia Resources in Casmalia, California (Appendix H).

HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

RECEIVED
MORGAN
AUG 1 1989

Permit 5418	B
File 593	R/C 35
Fee $ 141.00	
Check [X] Cash [ ]	

OWNER: Name UNITED CONCRETE PIPE Phone 818-337-1211
Mailing Address 14041 E LIVE OAK AVE City BALDWIN PARK State CA Zip 91706

FACILITY:
Occupant Name UNITED CONCRETE PIPE Phone 818-337-1211
Site Address 14041 E LIVE OAK AVE City BALDWIN PARK Zip 91706
Mailing Address SAME City SAME State Zip SAME
Contact Person BILL RICHARDSON Title FOREMAN

CONTRACTOR [ ], complete below: OWNER/OPERATOR AS CONTRACTOR [✓]
Name RUDY'S SERVICE STATION MAINT. INC Phone 818-443-0181
State License No. 535465 Class C61-D40

CLOSURE REQUESTED:
[ ] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? Ø
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Construction Material	Age (Years)	Capacity (gal)	Materials Stored (Past/Present)
1	STEEL	15	3,000	WASTE OIL

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[✓]
Have structural repairs ever been made to these tanks?	[ ]	[✓]
Will new underground tanks be installed after closure?	[ ]	[✓]
Will any wells, including monitoring wells, be abandoned?	[ ]	[✓]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature [signature] Date 3-16-89
(Print Name) RUDY ARGANDUNA Phone 818-443-0181
Owner [✓] Operator [ ] Contractor [ ]

==========TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS==========

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

By [signature] Date 3/16/89

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type. (Form designed for use on elite (12-pitch typewriter))

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CA000398671 8 — Manifest Document No.: 87 8 2 0 7 5
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: UNITED CONCRETE INC, 14041 E. LIVE OAK AVE, CAIRLEON PARK CA 91706
4. Generator's Phone (818) 337-1211
A. State Manifest Document Number: 87782075
B. State Generator's ID: CA000398671 8

5. Transporter 1 Company Name: SAN KAY WASTE OIL
6. US EPA ID Number: CAC98236662 0
C. State Transporter's ID: 906[illegible]
D. Transporter's Phone: 98 575-[illegible]

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: PETROLEUM RECYCLING CENTER, 1835 E 29 ST, SIGNAL HILL CA 90806
10. US EPA ID Number: CAT080011059
G. State Facility's ID: CAT080011059
H. Facility's Phone: 213-595-6597

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE [illegible] COMPLETABLE N.O.S. N.A. 1270	001	TT	1750	G	State 241 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: WASTE OIL AND WATER - FROM UNDERGROUND STORAGE TANK. TO BE REMOVED. 90

K. Handling Codes for Wastes Listed Above: a. [illegible] b. c. d.

15. Special Handling Instructions and Additional Information: Gloves / Ground Cable

16. [illegible] by declare that the contents of this consignment are fully and accurately described above by proper shipping [illegible]d, and labeled, and are in all respects in proper condition for transport by highway according to applicable [illegible]ulations.

[illegible]y that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have [illegible]ble and that I have selected the practicable method of treatment, storage, or disposal currently available to [illegible]re threat to human health and the environment; OR, if I am a small quantity generator, I have made a good [illegible]on and select the best waste management method that is available to me and that I can afford.

PPC
2651 Walnut Avenue
Signal Hill, California 90806

Printed/Typed Name: BILL RICHARDSON — Signature: BILL RICHARDSON — Month Day Year: 03 31 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: VAN SEMMINAS (Sr. Dr.) — Signature: [signature] — Month Day Year: 03 31 89

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: [illegible] — Signature: [signature] — Month Day Year: 04 [illegible] 89

GENERATOR — TRANSPORTER — FACILITY

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-86) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

INSTRUCTIONS ON THE BACK

THOMAS R. BECK & ASSOC., INC.
dba HARBOR TESTING LABORATORY
24 HOUR PHONE (213) 834-6222

MARINE CHEMIST CERTIFICATE

SERIAL NO. S 205

RUDY'S MAINT. CAPPED CONCRETE FILL 31 MARCH 89

Survey Requested by | Vessel Owner or Agent | Date

I [illegible] | [illegible] | 1441 E. LIVE OAK AVE

Vessel | Type of Vessel | Seismic Location of Vessel

WATER OIL | [illegible] | [illegible]

Gas Cargo | Tank Involved | Time Survey Completed

TESTED BY LEE
OF NO. NAVAL

IN BELOW GRADE
TANK IDENTIFIED WITH
NO SIGNAL MAST

SAFE FOR HOT WORK TO
CUT TANK WITH TORCH
TO REMOVE PIPING INTO
EXISTING CONTAINED WATER
IN TANK. TANK MUST BE
CLEANED AND PURGED
BEFORE CUTTING TORCH
OPERATIONS BEGIN.
ALL OPENINGS TO
TANK MUST BE KEPT
OPEN WHILE HOT WORK
IS BEING PERFORMED.

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306-1980, Subsections 1-6.1 through 1-6.4, and Subsection 5-3.2).

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers has not been met.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306-1980 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-3 of NFPA 306-1980 and understands conditions and limitations under which it was issued."

This Certificate is issued on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed _____ Signed _____

Name Certificate Date Marine Chemist Certificate No.

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 30470

TANK DISPOSAL FORM

Date: 3-23 ,1989.
Job #
P. O. #

CONTRACTOR: Rudys Service
ADDRESS: 2017 Seaman Av. S. El Monte, CA 91733
JOB SITE: United Concrete
ADDRESS: 14041 E. Live Oak
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.
3-30-89	10:00	1-3,000		

SPECIAL INSTRUCTIONS: one Truck
Pick up Check

TIME IN: 10:00
TIME OUT: 10:50

check #4807

Paid In Full

TANKS RECEIVED

QTY.	GALLONS	TYPE F* S*	NET TONS	TOTAL
	250	F S	.14	
	500	F S	.21	
	550	F S	.24	
	1000 - 12 ft.	F S	.44	
	1000 - 6 ft.	F S	.61	
	1500	F S	.87	
	2000	F S	.97	
	2500	F S	1.14	
1	3000	F S	1.32	1.32
	4000	F S	1.84	
	5000	F S	2.42	
	6000	F S	2.84	
	7500	F S	3.28	
	8000	F S	3.44	
	9000	F S	3.82	
	10000	F S	4.33	
	12000	F S	4.93	

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

NO. OF TANKS: 1
TOTAL
NET TONS: 1.32

*F — FIBERGLASS *S — STEEL

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP.

3-31-89.
DATE

CONTRACTOR COPY

CHAIN-OF-CUSTODY RECORD

Client: LSSM
Client Project #:
Project Name: United Concrete Pipe
Site Address: 14091 E. Live Oak, Baldwin Park, CA
Sampler's Signature: Thomas F. Wolf

Analysis Requested

Project #: 1026-12
Date: 03-31-89 Page 01 of 01

SAMPLE CONDITION
Rec'd on Ice: yes/no
Sealed Container: yes/no

TURNAROUND REQUESTED:
☐ 0 Hours ☒ 24 Hours
☐ 72 Hours ☐ 7 Days

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
S1	S: end of tank 2' below tank bottom	03-30-89	1102		✓	✓					01	Soil, glass jar.
S2	N. end of tank 1½' below tank bottom	03-30-89	1106		✓	✓					01	Soil, glass jar

Relinquished by: (Signature)	Date	Received by: (Signature)	Date		
Thomas F. Wolf	03-31-89			02	Total Number of Containers
Company: Terra Tech Labs	Time 12:30	Company:	Time		
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) Brian Calhoun	Date 3/31/89		
Company:	Time	Company: TERRA TECH LABS	Time 12:30		

TERRA TECH LABS, INC.
16371 Gothard St. Suite G
Huntington Beach, CA 92647
Tel. (714) 842-6077

CHAIN-OF-CUSTODY RECORD

Client: Rudy's Service Station Repair & Maintenance
Client Project #:
Project Name: United Concrete Pipe
Site Address: 14041 East Live Oak
Baldwin Park, CA
Sampler's Signature: Lisa Newcombe-Dieri

Project #: 1026-12
Date: 4/13/89 Page 01 of 01

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED
[ ] 8 Hours [ ] 24 Hours
[ ] 72 Hours [ ] 7 Days
ON-SITE

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
SP1	Surrounding spoils pile	4/13/89	745			✓					1	soil, glass jar
S3	south end of tank, 4' below tank	4/13/89	750			✓					1	
S4	south end of tank, 6' below tank	4/13/89	810			✓					1	

Relinquished by: (Signature)	Date	Received by: (Signature)	Date
Lisa Newcombe-Dieri	4/13/89		
Company: Terra Tech Labs	Time 1430	Company:	Time
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) Gerald H. [illegible]	Date 04-13-89
Company:	Time	Company: TTL	Time 1430

Total Number of Containers

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92647
Tel (714) 842-0077

CHAIN-OF-CUSTODY RECORD

Client: Rudy's Service Station Repair & Maint.
Client Project #:
Project Name: United Concrete Pipe
Site Address: 14041 E. Live Oak, Baldwin Park, CA
Sampler's Signature: Lisa Newcombe-Dierl

Project #: 1026-12
Date: 4/14/89 Page 01 of

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED
[ ] 8 Hours [ ] 24 Hours
[ ] 72 Hours [ ] 7 Days

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
NW	north wall at 16' below ground	4/14/89	8:35			✓					1	soil, glass jar
S5	north floor at 17' below ground	4/14/89	8:40			✓					1	
S6	south floor at 17' below ground	4/14/89	9:10			✓					1	
SW	south wall at 16' below ground	4/14/89	9:15			✓					1	
EW	east wall at 16' below ground	4/14/89	9:25			✓					1	
WW	west wall at 16' below ground	4/14/89	9:30			✓					1	soil, glass jar

Relinquished by: (Signature)	Date	Received by: (Signature)	Date
Lisa Newcombe-Dierl	4/14/89		
Company: Terra Tech Labs	Time: 11:00 a.m.	Company:	Time
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) Thomas P. Wirl	Date: 04-14-89
Company	Time	Company: Terra Tech Labs	Time: 11:00 a.m.

6 Total Number of Containers

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92647
Tel (714) 842-6077

CHAIN-OF-CUSTODY RECORD

Client	Client Project #	Analysis Requested								Project # 1026-12
Project Name [illegible] Pipe										Date 6-01-89 Page 01 of 01
Site Address [illegible] Oak										SAMPLE CONDITION Rec'd on Ice yes/no Sealed Container yes/no
[illegible] Park, Ca										TURNAROUND REQUESTED: ☐ 8 Hours ☐ 24 Hours ☐ 72 Hours ☒ 7 Days
Sampler's Signature [illegible]										

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)				Number of Containers	SAMPLE TYPE/CONTAINER
[illegible]	[illegible] PIPE	06-01-89	10:08			✓				01	SOIL/GLASS JAR
[illegible]	[illegible] PIPE	06-01-89	10:13			✓				01	SOIL/GLASS JAR
[illegible]	[illegible] PIPE	06-01-89	10:14			✓				01	SOIL/GLASS JAR
[illegible]	[illegible] PIPE	06-01-89	10:26			✓				01	SOIL/GLASS JAR
[illegible]	[illegible] PIPE	06-01-89	10:31			✓				01	SOIL/GLASS JAR

Relinquished by: (Signature) [illegible]	Date 06-01-89	Received by: (Signature)	Date	05	Total Number of Containers
Company: [illegible]	Time 12:30	Company:	Time		
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) [illegible]	Date 6/1/89		
Company	Time	Company: [illegible]	Time 1230		

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92647
Tel. (714) 842-6077

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR & MAINTENANCE, INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK, CALIFORNIA

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : MARCH 31, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID#	CONCENTRATION (mg/kg)
S1	4760
S2	33.1

Reviewed & Approved: Liz Newcomb-Davis
Date: 4/5/89

Note: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

TERRA TECH

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIE OAK
BALDWIN PARK, CALIFORNIA

ANALYSIS OF VOLATILE AROMATICS
EPA METHOD 8020

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : APRIL 1, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYLBENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
S1	ND..01	0.58	ND..05	ND..05
S2	ND..01	ND..01	ND..05	ND..05

ND - Not detected at indicated level of detection.

Reviewed & Approved: Lisa Navarrete-Dezi
Date: 4/5/89

NOTE: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

TERRA TECH LABS, Inc.
AN ENVIRONMENTAL TESTING SERVICE

LABORATORY RESULTS

PREPARED FOR

UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK, CA

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : JUNE 1, 1989
DATE ANALYZED : JUNE 5, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	CONCENTRATION (mg/kg)
SP1	545
SP2	1500
SP3	1150
SP4	644
SP5	649

Reviewed&Approved: Lisa Newcombe-Davis
Date: 6/16/89

Note: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

16371 Gothard Street Suite G, Huntington Beach, California 92647 Tel (714) 842-6077 Fax (714) 842-1891

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : April 13-14, 1989
DATE ANALYZED : April 13-14, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	CONCENTRATION (mg/kg)
SP1	318
S3	259
S4	202
NW	ND (1.0)
S5	ND (1.0)
S6	77.7
SW	30.4
EW	ND (1.0)
WW	93.8

ND - Not detected at indicated level of detection.

Reviewed&Approved: [signature]
Date: 4/18/89

Note: Samples were received by the mobile laboratory, intact and with Chain-of-Custody attached.

UNITED
CONCRETE PIPE
CORPORATION

June 26, 1989

Los Angeles County
Department of Public Works
Waste Management Division
P.O. Box 1460
Alhambra, CA 91802-1460

Attention: Ms. Nichole Long

Dear Ms. Long:

We have acted upon your verbal approval and backfilled the excavation remaining after removal of our 3,000 gallon waste oil tank.

About one-third of the backfill material was boulders and rocks - the oversize from the 1 inch screening process. The 151.68 tons of undersize was hauled to Casmalia Resources on June 19, 1989.

The screening process resulted in an estimated one-third reduction of material that had to go to disposal. Tony Palagyi of your organization's Arcadia office observed our screening operation. I wish your schedule had permitted you to check it out. I expect, however, that another opportunity will soon come up.

In the meantime, we'll be working on the details needed for completion of this project.

Thanks.!

Sincerely,

Bill Richardson
Principal Project Engineer

BR:ag

cc: G. D. Redmond
Tony Palagyi

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

Form Approved OMB No. 2050—0039 (Expires 9-30-91)

Please print or type. (Form designed for use on elite (12-pitch typewriter).

Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982523425 — Manifest Document No. 00016

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE CORPORATION
14041 E. Live Oak Avenue
Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 8845171 1

B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID:
D. Transporter's Phone: (714) 625-6645

7. Transporter 2 Company Name: J-CAL TRANS
8. US EPA ID Number: CAD980814983
E. State Transporter's ID: 200383
F. Transporter's Phone: 213 [illegible]

9. Designated Facility Name and Site Address
Casmalia Resources
New Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020748125
G. State Facility's ID: [illegible]
H. Facility's Phone: 805 737 [illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other CA Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile#165200[illegible]CA

K. Handling Codes for Wastes Listed Above
a. [illegible] b.
c. 03 d. —

15. Special Handling Instructions and Additional Information
Gloves and goggles
Quote# 1399SM

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: Bill Richardson
Signature: BILL RICHARDSON
Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible]
Signature: [illegible]
Month Day Year: 06 19 89

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: Casmalia Resources #11947[illegible]
Signature: [illegible]
Month Day Year: 06 [illegible]

Do Not Write Below This Line

EPA 8700—22 (Rev. 9-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

State of California—Health and Wellare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982153425 — Manifest Document No. 02005 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: United Concrete Pipe, 14041 E Live Oak, Baldwin Park, CA
4. Generator's Phone (818) 337-1211
A. State Manifest Document Number: 88451712
B. State Generator's ID: HAHQ 36029889
5. Transporter 1 Company Name: M & M Transport — 6. US EPA ID Number: CAD982376410 — C. State Transporter's ID: 90660 — D. Transporter's Phone: 213 [illegible]
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: Casmalia Resources, Natural, Casmalia, CA 93429 — 10. US EPA ID Number: CAD 070436125 — G. State Facility's ID — H. Facility's Phone: 8059375445

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste(s), Liquid		DM	00224	T	State 611 / EPA/Other [illegible]
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

GENERATOR Return To Generator COPY

J. Additional Descriptions for Materials Listed Above: 11.H 30.2 Contaminated with Waste Motor Oil — Profile #165002406
K. Handling Codes for Wastes Listed Above: a. 03 — b. — c. — d.

15. Special Handling Instructions and Additional Information: Gloves & Goggles — P.O.# 1399541

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: Bill Richardson — Signature: Bill Richardson — Month Day Year: 06 19 89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature — Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: STEVE MARISCAL — Signature — Month Day Year: 06 19 89

FACILITY

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: [illegible] — Signature — Month Day Year

DHS 8022 A (1/88)
CCR 66700—22
(Formerly 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

State of California—Health and Wellare Agency
Form Approved OMB No. 2050—0039 (Expires 6-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981521362505 — 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
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin park, CA 91706

4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451714

B. State Generator's ID: CA036101798

5. Transporter 1 Company Name: Containerized Chemical Disposal — 6. US EPA ID Number: CAT000611148

C. State Transporter's ID: 006736

D. Transporter's Phone: (714) 525-6645

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
CASMALIA RESOURCES
Rte Road
Casmalia, CA 93429 — 10. US EPA ID Number: CAD020748125

G. State Facility's ID

H. Facility's Phone: CAD020749125

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a) Soil contaminated with waste motor oil
Profile# 16520024CR

K. Handling Codes for Wastes Listed Above
a. — b.
c. 03 — d.

15. Special Handling Instructions and Additional Information
Gloves and goggles
Quote# 17995-1

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: BILL RICHARDSON — Signature: BILL RICHARDSON — Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: TERRY L BROWN — Signature — Month Day Year: 06 19 89

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: [illegible] NEL 45,3016 — Signature — Month Day Year

Do Not Write Below This Line

8022 A (1/88)
8700—22
(1-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982523425 — Manifest Document No.: 000002
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451715
B. State Generator's ID: HAHQ36-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID: 006730
D. Transporter's Phone: (714) 625-6645

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:
CASMALIA RESOURCES
Ntu Road
Casmalia, CA 92429
10. US EPA ID Number: CAD020748125
G. State Facility's ID: CAD020748125
H. Facility's Phone: 8059378449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	[illegible]	State 611; EPA/Other Ca Only
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile #16520024CR

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
Gloves and goggles
Quote# 1399SM

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.

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Printed/Typed Name: BILL RICHARDSON
Signature: BILL RICHARDSON
Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: KEVIN CRODDY
Signature: [signature]
Month Day Year: 06 19 89

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: Casmalia Resources #119969 46 78 Ulss
Signature: Dennis Fraley
Month Day Year: 06 19 89

GENERATOR — TRANSPORTER — FACILITY

HS 5022 A (1/86)
A 6700—22
(9-88) Previous editions are obsolete

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State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pack typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982523425 — Manifest Document No.: 00003
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451716
B. State Generator's ID: NAH036-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID:
D. Transporter's Phone: (714) 625-6645

7. Transporter 2 Company Name: [illegible] TRANSPORT
8. US EPA ID Number: CAD[illegible]
E. State Transporter's ID: 006734
F. Transporter's Phone: [illegible]

9. Designated Facility Name and Site Address:
CASMALIA RESOURCES
Ntu Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020748126
G. State Facility's ID: [illegible]
H. Facility's Phone: 805 937 8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	[illegible]	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile# 16520024CR

K. Handling Codes for Wastes Listed Above
a. [illegible] b.
c. d.

15. Special Handling Instructions and Additional Information
Gloves and goggles Quote# 1399SM

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.
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Printed/Typed Name: BILL RICHARDSON — Signature: BILL RICHARDSON — Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: [illegible]

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: [illegible] RESOURCES — Signature: [illegible] — Month Day Year: [illegible]

GENERATOR — TRANSPORTER — FACILITY

HS 8022 A (1/88)
A 8700—22
(Rev. 9-88) Previous editions are obsolete.

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Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982523425 — Manifest Document No. 88451717

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706

4. Generator's Phone (818) 337-1211

A. State Manifest Document Number 88451717

B. State Generator's ID CAB0536020898

5. Transporter 1 Company Name — 6. US EPA ID Number
Containerized Chemical Disposal — CAT000611483

C. State Transporter's ID 00632

D. Transporter's Phone (714) 625-6645

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 — 10. US EPA ID Number
CASMALIA RESOURCES
Ntu Road
Casmalia, Ca 93429 — CAD982074825

G. State Facility's ID CAD982074825

H. Facility's Phone 805 937-8459

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile: 16520024CR

K. Handling Codes for Wastes Listed Above
a. G3 b.
c. d.

15. Special Handling Instructions and Additional Information
Gloves and goggles Quote# 1399SM

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: BILL KICHARDSON — Signature: BILL CHAPMAN — Month 06 Day 13 Year 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month — Day — Year

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 # 11-067 NCI US, ROCIB — Signature — Month 06 Day 14 Year 89

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HS 322 A (1/88)
P 700—22
(10-88) Previous editions are obsolete.

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APPENDIX D

SITE INVESTIGATION PROCEDURES AND RESULTS

from: Woodward-Clyde Consultants (1989)

APPENDIX D

SITE INVESTIGATION PROCEDURES AND RESULTS

D.1 INTRODUCTION

Several areas of environmental concern were identified by Woodward-Clyde Consultants (Woodward-Clyde) during the preliminary site assessment (PSA) (see Table 2 in report text). The objectives of field investigation conducted by Woodward-Clyde between 12 December 1988 and 28 January 1989 included the sampling and testing of soil, water, and sediment from these areas to evaluate the nature and extent of chemicals present, if any.

Most of the suspect areas identified during the PSA included areas of obvious surface staining (Areas A, B, C, D, E, F, G, H, K, L, M, N, PB, P3, P4, and Q). Soil samples were generally collected at the surface and at various depths below the surface. Other surface areas, unstained but noted during the site visit for other reasons, included I, J, R, and S. Area R did not require sampling because contamination was apparently not present; at Area A, the existence of petroleum hydrocarbons had already been documented. Locations I and I2 were of interest because of suspected solvent use in the general area. Locations J1, J2, and J3 were adjacent to transformers which, from previous testing, were known to contain detectable concentrations of PCBs. Area S contained a transformer which may have PCB concentrations in its oil.

D.2 SOIL SAMPLING

Soil samples were generally obtained from trenches using a backhoe with a maximum reach of 17 feet. The backhoe was

operated by Aman Brothers Construction Company. Small trenches, roughly 4 by 8 feet, were opened to obtain the majority of the samples. Larger trenches (approximately 25 feet long by 4 feet wide by up to 17 feet deep) were opened for more extensive sampling. Trenched areas are indicated on Figure 4 in the report text. Several concrete covered areas required coring before the backhoe could be used for trenching; these locations are also indicated on Figure 4. After trenching to the maximum achievable depth, some areas still showed elevated levels (>1,000 ppm) of volatile hydrocarbons using an OVA. Some of these areas were then evaluated using a drill rig, at locations indicated on Figure 4. Upon completion, trenches were backfilled with the excavated material. Boreholes were grouted bottom to top. A small amount of soil cuttings from the boreholes was stockpiled on site. After collecting samples at the surface, trenching, coring, and/or drilling continued until: (a) the hydrocarbons were no longer evident (by visual observation or OVA readings), (b) the maximum attainable depth was achieved, or (c) trenching or coring was prevented by refusal (unyielding strata).

D.3 TRENCHING

Soil samples were collected at Locations C1, D, E, H1, J1, J2, and J3 on 28 December 1988. Areas C, D, and E included surface soils that were stained and appeared to contain form oil. Location H1 was located in the natural drainage sump close to but downgradient from drums stored nearby on a concrete pad. Locations J1, J2, and J3 were located close to but downgradient of the nearby transformers. Sampling at Area D was limited to the surface because the concrete underlying this area appeared to be in excess of 12 inches thick. There was no evidence that oils or other fluids had

penetrated the underlying concrete. The thin layer of organic material found in the shallow soil atop the concrete appeared to be hydraulic fluid and/or form oil and appeared to be limited to a horizontal area approximately 10 feet by 20 feet. The total volume for the stained material was estimated to be about 4 cubic yards; it remained in place at the site.

Soil samples from Locations B, C3, C4, G1, KC2, L, M, PB, and Q1 were collected on 29 December 1988. Area B includes an area close to a sump containing vehicular waste oil. Access for the trenching was made by saw cutting the overlying concrete. Dark colored soils were noted adjacent to the sump to a depth of approximately 5 feet. (The excavation was temporarily halted for the day pending information about a newly uncovered pipeline of uncertain origin.) As previously mentioned, Area C includes surficial soil apparently contaminated by form oil, and it also includes a natural drainage channel that carries surface runoff from the northern portion of the site. Location KC2 is similar to the other Area C locations, but was apparently recently contaminated with form oil at the surface. Location G1, in the steam cleaning area behind the vehicle maintenance shop, was underlain by concrete approximately 8 inches thick.

Location L was beneath a leaking drum apparently used to dispense a heavy petroleum product. The contamination in this area appeared local and shallow. Location M was apparently a drainage area for the ring plant sinks. The area appeared very wet during the field program, but showed no visual evidence of contamination. Location PB was the stockpiling area for sediment removed from various ponds and sumps at the facility, including the sediments removed from ponds at Locations O1, O2, and P2. The overall pile consisted

of three distinct colorations of soil, each of which was sampled; a composite sample was then made by mixing the separate samples.

Location Q1 was an area overlain by paraffin-laden runoff water from the pipe coating process at the centrifugal line. A soil sample was obtained after coring through approximately 18 inches of concrete. Samples collected from beneath the concrete were noted to have a slight odor similar to the wet, organic-rich smell associated with natural anaerobic decomposition processes, such as those occurring in swamps. The presence of large cobbles precluded sampling below a depth of approximately 18 inches.

On 29 December 1988, Locations B, C5, F, G2, H2, I, I2, N, P3, P4, and Q2 were sampled or resampled. Excavation at Location B was extended, exposing a tank at an approximately 5-foot depth which was approximately 5 feet in diameter by 12 feet in length. Location C5 was planned to be beyond the area of obvious surface soil contamination near the pour line. Evidence of contamination was found down to about a 12-foot depth, where excavation was halted due to organic odors emanating from the hole.

Location G2, in the apparent natural drainage sump downstream from Location G1, was resampled to obtain a more representative sample. Upon coring, a sample was collected at a depth of approximately 12 inches which had a slight odor similar to that noted at Location Q1.

Location H2 was next to unmarked drums. The soil beneath the general area appeared to be fortified with cement or lime that prevented excavation below about 8 feet.

As previously discussed, Locations I1 and I2 are under or adjacent to a solvent storage area. Location I1 was in the drainage downstream from I2 and may also have received contributions of form oil from the pour line. Location I2 was adjacent to and under the actual general solvent storage yard. The area is overlain with asphalt, which showed no visual evidence of contamination.

At Area N, the initial problem involved substantiating the cleanliness of soil from the previous tank excavation. Redigging in the old excavation produced no evidence of contamination, either in the fill or in the bottom of hole, at an approximately 8-foot depth. A nearby tank used for dispensing form oil was noted to have stained a large area next to the centrifugal building. Sampling was not possible directly beneath the tank due to high density of utility lines. Preliminary digging, however, showed the tank to be underlain by asphalt which, in turn, was underlain by a concrete slab of unknown thickness and extent. Samples labeled N were located in the drainage sump downstream from the tank.

Location P3 includes the centrifugal line's designated sump; the sump was surrounded by soil stained with paraffin and perhaps form oil, which probably resulted from sump overflows. During sampling, the sumps were observed to be in an overflow condition. During excavation, the soil was observed to be discolored to a depth of approximately 18 inches. Location P4, adjacent to the paraffin utilization area, showed no visual evidence of contamination at the surface or to excavation depth. Location Q2 was cored approximately 2 feet from the designated drain for the area which ultimately drained to the sumps at Location P3. At

Location Q2, the concrete was approximately 8 inches thick. Sediment from coring had a slight odor similar to that noted at Location Q1.

On 12 January 1989, Location B, in the waste oil sump area, was re-excavated, and Location Q3, in the centrifugal line area, was cored. At Location B, samples were collected at about 1 foot up from the bottom of the tank at both ends. The samples did not appear to be discolored. Samples from Location Q3 appeared to be clean, with none of the odor noted at Locations Q1 and Q2.

On 13 January 1989, Trenches C8 through C12 were opened. Location C8 was selected to better assess the lateral extent of contamination noted earlier at Location C1. Locations C11 and C12 were both relatively shallow because concrete or lime enriched soil prevented excavation to depth. Locations C7, C9, and C10 were longer trenches located at tangents to the pour line track; these trenches were designed to allow a partial three-dimensional view of the contamination near the pour line. Samples collected from these trenches are designated by two numbers, the first of which indicates depth and the second its distance north of the tracks. All three trenches started approximately 10 feet north of the tracks and were extended to the north roughly 25 feet at a depth of approximately 15 feet. Soils in all three were significantly discolored to depths of approximately 5 feet. Soils from the two trenches to the west, C7 and C9, showed significant discoloration to depths of 17 and 12 feet, respectively. In light of high concentrations at depth, a drilling program was planned to better assess the vertical extent of contamination in these areas.

D.4 DRILLING

Drilling was performed by Becker Drills, Inc., of Commerce City, Colorado. Drilling began on 27 January 1989 and was completed on 28 January 1989. Soil borings were drilled using a mobile AP1000 Becker hammer drill with a double wall drive pipe (9-inch O.D. by 6-inch I.D.) driven by a diesel operated pile hammer. The borings were advanced along the pour line to evaluate the vertical extent of the form oil in the soil. Drilling was necessary because the backhoe's reach was limited to 17 feet.

This drilling technique uses air to bring the soil to the surface. In this process, double-wall pipe is driven by a diesel-operated pile hammer, while pressurized air is forced down the annulus at the drive pipe. The compressed air rapidly transports the material cut by the drill bit to the surface through the inside pipe (see attached schematic). The drill cuttings are then passed through a cyclone and discharged onto the ground, where they accumulate. Grab samples were obtained from the accumulated cuttings and placed into 4-ounce Q pak (TM) bottles for laboratory analysis.

Borings were drilled to between about 35 and 54 feet in depth. The specific depth at each boring is shown on the boring logs. The soil was sampled, first at about a 3- to 5-foot depth, then at approximately 5- to 10-foot intervals to boring depth.

Observations made by Woodward-Clyde personnel during the drilling and sampling operations were recorded on the boring logs. These observations include a visual soil description and sampling depth.

D.5 WATER AND SEDIMENT SAMPLES

Areas sampled for water and sediment included the ponds or sumps at P1, P2, and O2. Areas sampled for water only included P3, O1, and Cesspools 1 through 4 (CES1-CES4). Water samples were collected approximately 4 inches below the surface of the water.

Water and/or sediment samples were collected from the settling ponds P1, P2, O1, and O2 on 28 December 1988 (see Figure 4 in report text). Location P1-P2, on the west side of the facility, is an unlined drainage area which, at the north end, receives water from the cement coating manufacturing processes and, at the south end, receives surface runoff from a large portion of the 74-acre site. Sump overflows from pipe manufacturing areas along the centrifugal line may also flow to the south end of these ponds. Sediment samples were taken at an approximate depth of 6 inches. On 1 January 1989, Location P1 was resampled at a depth of 18 inches. This latter sample was called "PB-Sed2" but should not be confused with other samples labeled PB, which were removed from the pond bottom stockpile near the northern end of the site. An oil-like, iridescent sheen was seen on the water surface after sampling the southern end of the pond at both the 6-inch and 18-inch depths. No oil-like sheen was observed during sampling of P2 at the northern end of the pond.

Ponds O1 and O2 are settling ponds located directly outside the concrete cutting process area on the west side of the centrifugal line. During sampling, Pond O1 was approximately 17 feet deep and Pond O2 was approximately 12 feet deep. Sediment in these ponds is periodically removed and added to the pond bottom stockpile located near the northern end of the

site. Pond O1 did not yield a sediment sample because the pond had been recently cleaned. The sediment sample from Pond O2 was chalky and similar in appearance to the samples taken at P2.

Location P3, on the east side of the centrifugal line, consisted of overflow sumps. Solid paraffin-like residues were observed on the surface of soils surrounding these sumps. A sediment sample was not obtainable.

Approximately 10 cesspools are known to be located on the site. The periodic pumping out of these pools is apparently the primary means of sewage disposal on the site. Six cesspools were identified as possibly containing hazardous materials (perhaps from such activities as washing of hands coated with potentially hazardous materials and/or the possible past disposal practices). Of the six cesspools identified, two (CES5 and CES6) were not sampled. CES5, which has not been in regular use for several years, could not be located. CES6 was thought to be similar to CES1, located at the other end of the same building (main shop building).

D.6 DISCUSSION OF ANALYTICAL RESULTS

Analytical results are presented in Table 3 (soil samples) and Table 4 (water samples) of the report text. Elevated concentrations (>100 ppm) of heavy hydrocarbons (C_9-C_{30}) were found at a depth of approximately 5 feet at Area B, the location of the waste oil sump. The hydrocarbons were not found deeper at elevated concentrations. The liquid in the underground tank in Area B showed elevated hydrocarbon concentrations (1,000,000 ppm TPH, by EPA Method 418.1; 7 ppm total lead; and 83,600 ppm diesel hydrocarbons, by EPA Method 8015). The concentrations of hydrocarbons in material

sampled from the tank are consistent with the known use of the tank, which was to collect waste oil from the vehicle maintenance shop. The liquid in the tank was removed during the removal of the tank (see Appendix C).

Areas sampled along the pour line are shown on Figure 4. Results obtained from samples taken from Trenches C5, C7, and C10 show significant concentrations of TPH to depths of about 15 to 17 feet. Other trenches show declining concentrations with increasing depth, as in Trench C9. Samples taken from borings at the pour line show consistent decreases in concentration with depth. Soil samples taken below approximately 20 feet show low levels of TPH.

Two soil samples from the pour line area were evaluated to assess if they were hazardous under current regulations. The samples were analyzed for flash point (EPA Method 1010), pH (EPA Method 9045), purgeable organics (EPA Method 8240), and base/neutral and acids (EPA Method 8270) and aquatic toxicity. It was determined that the material has no detectable flash point. The pH of the material is between 8.74 and 9.13. Organics quantified in the samples were toluene (47 ppb), ethylbenzene (29 ppb), and 1,1,1-trichloroethane (27 ppb). Acetone at 60 ppb was detected in one sample, most likely attributable to laboratory contamination. Laboratory data sheets are included in Appendix E. No compounds were present above the detection limit when the samples were analyzed by EPA Method 8270. An aquatic toxicity evaluation was performed on the samples, and the results indicate that the material is non-hazardous with respect to aquatic toxicity. A final determination on management of this material will require discussions with the appropriate regulatory agencies.

Four cesspool areas were sampled to ascertain whether these areas are strictly domestic flow or if products from the manufacturing process were also discharged. The samples were analyzed for aromatic volatile aromatics using EPA Method 602. Two areas (CES-3B, CES-4B) showed no detectable concentrations of volatile organics or halogenated organics. CES-1B contained 112 ppb of volatile hydrocarbons (BTXE).

Soils from Areas G, L, and M were analyzed for evidence of solvent use. No significant concentrations were found, and it was concluded that no contamination from the use of solvents has occurred in this area.

Soil samples from Area Q (surface staining by hydraulic fluid) showed no significant hydrocarbon concentrations. Sediments and/or water sampled for volatiles and halogenated organics at Areas O and P, near the centrifugal building, showed no significant concentrations of either.

A sediment sample collected from the pond on the western side of the property on 12 January 1989 showed elevated concentrations of TPH (4,430 ppm), with kerosene (2,540 ppm) the dominant fraction at the 18-inch depth.

More comprehensive sampling conducted on 6 June 1990 included the collection of ten additional samples to better characterize the distribution of TPH in the sediments. Samples were collected at depths of 6, 24, 36, and/or 42 inches at five locations, and were tested for TPH. All the samples contained less than 500 ppm TPH (diesel), and the concentrations decreased with depth at four of the five locations. TPH concentrations at the 24- to 42-inch depth ranged from non detect (ND) to 142 ppm. Use of the pond as

a settling basin for water made turbid from concrete processing associated with pipe production may have yielded a semi-impervious barrier at the pond bottom.

APPENDIX E

SITE INVESTIGATION - LABORATORY REPORTS

Client: Woodward-Clyde Sample: P-2 (Water)
Job Number: 11660
Date Analyzed: 12/30/88 File: 1649 40

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

		TTLC Limits mg/Kg	Sample	10X STLC Limits mg/Kg	Detect. Limit
Antimony		500	ND<0.003	150	0.003
Arsenic		500	0.048	50	0.002
Barium		10000	1.6	1000	0.06
Beryllium		75	ND<0.003	7.5	0.003
Cadmium		100	0.003	10	0.002
Chromium	(III/VI)	2500/500	0.13	5600/50	0.009
Cobalt		8000	0.033	800	0.001
Copper		2500	0.36	250	0.04
Lead		1000	0.21	50	0.008
Mercury		20	ND<0.008	2	0.008
Molybdenum		3500	0.018	3500	0.001
Nickel		2000	ND<0.2	200	0.2
Selenium		100	ND<0.2	10	0.2
Silver		500	ND<0.0010	50	0.001
Thallium		700	ND<0.0010	70	0.001
Vanadium		2400	0.097	240	0.007
Zinc		5000	0.88	2500	0.09

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Client: Woodward-Clyde Consultants Sample: P-2 (Soil)
Job Number: 11660
Date Analyzed: 1-03-89 File: 1620 22

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

		TTLC Limits mg/Kg	Sample	10X STLC Limits mg/Kg	Detect. Limit
Antimony		500	0.7	150	0.3
Arsenic		500	10	50	1
Barium		10000	108	1000	0.8
Beryllium		75	0.26	7.5	0.07
Cadmium		100	ND<0.03	10	0.03
Chromium	(III/VI)	2500/500	14.2	5600/50	0.5
Cobalt		8000	7.31	800	0.02
Copper		2500	25.3	250	0.5
Lead		1000	5.5	50	0.1
Mercury		20	ND<0.1	2	0.1
Molybdenum		3500	0.36	3500	0.04
Nickel		2000	9	200	1
Selenium		100	ND<3	10	3
Silver		500	ND<0.03	50	0.03
Thallium		700	0.07	70	0.02
Vanadium		2400	31.6	240	0.8
Zinc		5000	39	2500	1

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Client: Woodward-Clyde Consultants Sample: M-51
Job Number: 11660
Date Analyzed: 1-03-89 File: 1620
24

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

		TTLC Limits mg/Kg	Sample	10X STLC Limits mg/Kg	Detect. Limit
Antimony		500	ND<0.3	150	0.3
Arsenic		500	3	50	2
Barium		10000	59.6	1000	0.8
Beryllium		75	0.1	7.5	0.07
Cadmium		100	ND<0.03	10	0.03
Chromium	(III/VI)	2500/500	9.6	5600/50	0.5
Cobalt		8000	4.76	800	0.02
Copper		2500	10.4	250	0.5
Lead		1000	2.2	50	0.1
Mercury		20	ND<0.1	2	0.1
Molybdenum		3500	0.05	3500	0.04
Nickel		2000	6.7	200	0.1
Selenium		100	ND<3	10	3
Silver		500	ND<0.03	50	0.03
Thallium		700	0.06	70	0.02
Vanadium		2400	23	240	4
Zinc		5000	28	2500	1

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Client: Woodward-Clyde Sample: O-1
Job Number: 11660
Date Analyzed: 12/30/88 File: 1649
38

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

		TTLC Limits mg/Kg	Sample	10X STLC Limits mg/Kg	Detect. Limit
Antimony		500	ND<0.003	150	0.003
Arsenic		500	ND<0.002	50	0.002
Barium		10000	ND<0.06	1000	0.06
Beryllium		75	ND<0.003	7.5	0.003
Cadmium		100	ND<0.002	10	0.002
Chromium	(III/VI)	2500/500	0.022	5600/50	0.009
Cobalt		8000	ND<0.0010	800	0.001
Copper		2500	ND<0.04	250	0.04
Lead		1000	ND<0.008	50	0.008
Mercury		20	ND<0.003	2	0.003
Molybdenum		3500	0.009	3500	0.001
Nickel		2000	ND<0.2	200	0.2
Selenium		100	ND<0.2	10	0.2
Silver		500	ND<0.0010	50	0.001
Thallium		700	ND<0.0010	70	0.001
Vanadium		2400	ND<0.007	240	0.007
Zinc		5000	ND<0.09	2500	0.09

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Client: Woodward-Clyde Sample: O-2
Job Number: 11660
Date Analyzed: 12/30/88 File: 1649 39

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

		TTLC Limits mg/Kg	Sample	10X STLC Limits mg/Kg	Detect. Limit
Antimony		500	ND<0.003	150	0.003
Arsenic		500	ND<0.004	50	0.004
Barium		10000	0.22	1000	0.06
Beryllium		75	ND<0.003	7.5	0.003
Cadmium		100	ND<0.002	10	0.002
Chromium	(III/VI)	2500/500	0.23	5600/50	0.009
Cobalt		8000	0.0015	800	0.001
Copper		2500	ND<0.04	250	0.04
Lead		1000	ND<0.008	50	0.008
Mercury		20	ND<0.003	2	0.003
Molybdenum		3500	0.12	3500	0.001
Nickel		2000	ND<0.2	200	0.2
Selenium		100	ND<0.2	10	0.2
Silver		500	ND<0.0010	50	0.001
Thallium		700	ND<0.0010	70	0.001
Vanadium		2400	ND<0.007	240	0.007
Zinc		5000	ND<0.09	2500	0.09

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Client: Woodward-Clyde Sample: P-2 dup
Job Number: 11660
Date Analyzed: 12/30/88 File: 1649
41

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

		TTLC Limits mg/Kg	Sample	10X STLC Limits mg/Kg	Detect. Limit
Antimony		500	ND<0.003	150	0.003
Arsenic		500	0.027	50	0.002
Barium		10000	0.53	1000	0.06
Beryllium		75	ND<0.003	7.5	0.003
Cadmium		100	ND<0.002	10	0.002
Chromium	(III/VI)	2500/500	0.086	5600/50	0.009
Cobalt		8000	0.011	800	0.001
Copper		2500	0.12	250	0.04
Lead		1000	0.073	50	0.008
Mercury		20	ND<0.008	2	0.008
Molybdenum		3500	0.016	3500	0.001
Nickel		2000	ND<0.2	200	0.2
Selenium		100	ND<0.2	10	0.2
Silver		500	ND<0.0010	50	0.001
Thallium		700	ND<0.0010	70	0.001
Vanadium		2400	0.056	240	0.007
Zinc		5000	0.37	2500	0.09

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Client: Woodward-Clyde Consultants Sample: P-11
Job Number: 11660
Date Analyzed: 1-03-89 File: 1620 21

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

		TTLC Limits mg/Kg	Sample	10X STLC Limits mg/Kg	Detect. Limit
Antimony		500	0.7	150	0.3
Arsenic		500	2.3	50	1
Barium		10000	154	1000	0.8
Beryllium		75	0.17	7.5	0.07
Cadmium		100	0.31	10	0.03
Chromium	(III/VI)	2500/500	37.6	5600/50	0.5
Cobalt		8000	7.97	800	0.02
Copper		2500	29.2	250	0.5
Lead		1000	29.5	50	0.1
Mercury		20	ND<0.1	2	0.1
Molybdenum		3500	4.94	3500	0.04
Nickel		2000	10	200	2
Selenium		100	ND<3	10	3
Silver		500	ND<0.03	50	0.03
Thallium		700	0.07	70	0.02
Vanadium		2400	31.5	240	0.7
Zinc		5000	114	2500	1

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

Client: Woodward-Clyde Consultants Sample: PB-Surf
Job Number: 11660
Date Analyzed: 1-03-89 File: 1620
23

C.A.M. Metals
Quantitative Analysis Report
Inductively Coupled Plasma-Mass Spectrometry
Total Metals Concentration---Parts Per Million

**** Exceeds TTLC limits * May exceed STLC limits

	TTLC Limits mg/Kg	Sample	10X STLC Limits mg/Kg	Detect. Limit
Antimony	500	0.7	150	0.3
Arsenic	500	7	50	2
Barium	10000	66.8	1000	0.8
Beryllium	75	0.27	7.5	0.07
Cadmium	100	0.16	10	0.03
Chromium (III/VI)	2500/500	15.9	5600/50	0.5
Cobalt	8000	4.71	800	0.02
Copper	2500	27.1	250	0.5
Lead	1000	21.4	50	0.1
Mercury	20	ND<0.1	2	0.1
Molybdenum	3500	5.67	3500	0.04
Nickel	2000	8	200	7
Selenium	100	ND<3	10	3
Silver	500	ND<0.03	50	0.03
Thallium	700	ND<0.02	70	0.02
Vanadium	2400	23	240	2
Zinc	5000	90	2500	1

(1) ND-Not Detected. The Limit of Detection is reported above.
(2) Chromium reported above as total chromium in sample.
(3) 10X STLC Limits used as comparison takes into account dilution of the sample by 1/10 during leachate preparation.

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 11660
January 10, 1989

LABORATORY REPORT

TABLE I

Parts Per Million (ug/g)

Sample No.	Gasoline	Diesel Fuel	Kerosene	Mineral Spirits	C_9-C_{30} Hydrocarbons
B-5	ND	610	ND	ND	10000
B-5 Dup	ND	310	ND	ND	6400
B-Surf	ND	ND	ND	ND	ND
C3-12	ND	ND	ND	ND	8500
C3-Surf	ND	49000	ND	ND	9900
C4-Surf	ND	ND	ND	ND	2300
KC2-Surf	ND	ND	ND	ND	33000
Q-1	ND	ND	ND	ND	ND
Q-2	ND	ND	ND	ND	1100
Detection Limit	10	10	10	10	100

ND-Not Detected

Date Analyzed: 12-30-88/1-4-89

TABLE II

Parts Per Million (ug/g)

Sample No.	PCB's
Q-2	ND
Detection Limit	1

ND-Not Detected

Date Analyzed: 12-30-88

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 11660
January 10, 1989

LABORATORY REPORT

TABLE III

Parts Per Million (ug/g)

Sample No.	Total Petroleum Hydrocarbons
C3-12	7400
Detection Limit	10

Date Analyzed: 12-30-88

January 11, 1989

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WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Drive
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 11660

A

LABORATORY REPORT

Samples Received: Fifty-three (53) soils and eleven (11) liquids
Date Received: 12-28-88
Date Released for Analysis: 12-29-88
Purchase Order No: Proj#: 8840472A/United Concrete

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Three (3) liquids, fifteen (15) soils	Volatile Organics by EPA 624/8240	Data Sheets
Nine (9) soils	Fuel Hydrocarbons by modified EPA 8015 (LUFT Manual, May 1988)	Table I
One (1) soil	PCB's by EPA 8080	Table II
Eight (8) soils	CAM (17) Metals by ICPMS	Quant Reports
One (1) soil	Total Petroleum Hydrocarbons by EPA 418.1	Table III

Michael Shelton
Senior Chemist

D J. Northington, Ph.D.
Technical Director

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C3-7
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V1
DATE EXTRACTED: 01/05/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/05/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	9.	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C3-7
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	C8-C11 ALIPHATIC AND ALICYCLIC HYDROCARBONS	VOA	20000.

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C4-5
WCAS JOB #: 11660.

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V2
DATE EXTRACTED: 01/05/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/05/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C4-5
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C4-15 (DUP)
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V4
DATE EXTRACTED: 01/05/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/05/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C4-15 (DUP)
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: G-1
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V9
DATE EXTRACTED: 01/05/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/05/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: G-1
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: KC2-15
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V7
DATE EXTRACTED: 01/05/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/05/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: KC2-15
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: KC2-51
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V6
DATE EXTRACTED: 01/05/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/05/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: KC2-51
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: L-2
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V10
DATE EXTRACTED: 01/06/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/06/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: L-2
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: L-SURF
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V24
DATE EXTRACTED: 01/09/89 SAMPLE AMOUNT: 10G:10ML,5UL
DATE ANALYZED: 01/09/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/G (PPM)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	10.
71-43-2	BENZENE	ND	1.
75-27-4	BROMODICHLOROMETHANE	ND	1.
75-25-2	BROMOFORM	ND	1.
74-83-9	BROMOMETHANE	ND	5.
78-93-3	2-BUTANONE (MEK)	ND	10.
75-15-0	CARBON DISULFIDE	ND	1.
56-23-5	CARBON TETRACHLORIDE	ND	1.
108-90-7	CHLOROBENZENE	ND	1.
75-00-3	CHLOROETHANE	ND	5.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	10.
67-66-3	CHLOROFORM	ND	1.
74-87-3	CHLOROMETHANE	ND	5.
108-41-8	CHLOROTOLUENE	ND	1.
124-48-1	DIBROMOCHLOROMETHANE	ND	1.
95-50-1	1,2-DICHLOROBENZENE	ND	1.
541-73-1	1,3-DICHLOROBENZENE	ND	1.
106-46-7	1,4-DICHLOROBENZENE	ND	1.
75-34-3	1,1-DICHLOROETHANE	ND	1.
107-06-2	1,2-DICHLOROETHANE	ND	1.
75-35-4	1,1-DICHLOROETHYLENE	ND	1.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	1.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	1.
78-87-5	1,2-DICHLOROPROPANE	ND	1.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	1.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	1.
100-41-4	ETHYLBENZENE	ND	1.
106-93-4	ETHYLENE DIBROMIDE	ND	1.
76-13-1	FREON-TF	ND	1.
119-78-6	2-HEXANONE	ND	5.
75-09-2	METHYLENE CHLORIDE	ND	10.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	5.
100-42-5	STYRENE	ND	1.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	1.
127-18-4	TETRACHLOROETHYLENE	ND	1.
109-99-9	TETRAHYDROFURAN	ND	1.
108-88-3	TOLUENE	ND	1.
71-55-6	1,1,1-TRICHLOROETHANE	ND	1.
79-00-5	1,1,2-TRICHLOROETHANE	ND	1.
79-01-6	TRICHLOROETHYLENE	ND	1.
75-69-4	TRICHLOROFLUOROMETHANE	ND	1.
108-05-4	VINYL ACETATE	ND	5.
75-01-4	VINYL CHLORIDE	ND	5.
95-47-6	TOTAL XYLENES	ND	1.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: L-SURF
WCAS JOB #: 11660

UNITS: UG/G (PPM)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	C9-C10 ALKYLBENZENES	VOA	100.
2	C9-C11 ALIPHATIC AND ALICYCLIC HYDROCARBONS	VOA	2000.

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: M-51
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V18
DATE EXTRACTED: 01/09/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/09/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: M-51
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: M-SURF
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V13
DATE EXTRACTED: 01/06/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/06/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: M-SURF
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	C10-C11 ALIPHATIC AND ALICYCLIC HYDROCARBONS	VOA	3000.

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: O-1
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V21
DATE EXTRACTED: 01/09/89 SAMPLE AMOUNT: 5ML
DATE ANALYZED: 01/09/89 MATRIX: WATER

EPA METHOD 8240 (624) UNITS: UG/L (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	10.
71-43-2	BENZENE	ND	1.
75-27-4	BROMODICHLOROMETHANE	ND	1.
75-25-2	BROMOFORM	ND	1.
74-83-9	BROMOMETHANE	ND	5.
78-93-3	2-BUTANONE (MEK)	ND	10.
75-15-0	CARBON DISULFIDE	ND	1.
56-23-5	CARBON TETRACHLORIDE	ND	1.
108-90-7	CHLOROBENZENE	ND	1.
75-00-3	CHLOROETHANE	ND	5.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	10.
67-66-3	CHLOROFORM	ND	1.
74-87-3	CHLOROMETHANE	ND	5.
108-41-8	CHLOROTOLUENE	ND	1.
124-48-1	DIBROMOCHLOROMETHANE	ND	1.
95-50-1	1,2-DICHLOROBENZENE	ND	1.
541-73-1	1,3-DICHLOROBENZENE	ND	1.
106-46-7	1,4-DICHLOROBENZENE	ND	1.
75-34-3	1,1-DICHLOROETHANE	ND	1.
107-06-2	1,2-DICHLOROETHANE	ND	1.
75-35-4	1,1-DICHLOROETHYLENE	ND	1.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	1.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	1.
78-87-5	1,2-DICHLOROPROPANE	ND	1.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	1.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	1.
100-41-4	ETHYLBENZENE	ND	1.
106-93-4	ETHYLENE DIBROMIDE	ND	1.
76-13-1	FREON-TF	ND	1.
119-78-6	2-HEXANONE	ND	5.
75-09-2	METHYLENE CHLORIDE	57.	10.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	5.
100-42-5	STYRENE	ND	1.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	1.
127-18-4	TETRACHLOROETHYLENE	ND	1.
109-99-9	TETRAHYDROFURAN	ND	1.
108-88-3	TOLUENE	2.	1.
71-55-6	1,1,1-TRICHLOROETHANE	ND	1.
79-00-5	1,1,2-TRICHLOROETHANE	ND	1.
79-01-6	TRICHLOROETHYLENE	ND	1.
75-69-4	TRICHLOROFLUOROMETHANE	ND	1.
108-05-4	VINYL ACETATE	ND	5.
75-01-4	VINYL CHLORIDE	ND	5.
95-47-6	TOTAL XYLENES	ND	1.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: O-1
WCAS JOB #: 11660

UNITS: UG/L (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	UNKNOWN	VOA	5.

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: O-2
WCAS JOB #: 11660.

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V22
DATE EXTRACTED: 01/09/89 SAMPLE AMOUNT: 5ML
DATE ANALYZED: 01/09/89 MATRIX: WATER

EPA METHOD 8240 (624) UNITS: UG/L (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	10.
71-43-2	BENZENE	ND	1.
75-27-4	BROMODICHLOROMETHANE	ND	1.
75-25-2	BROMOFORM	ND	1.
74-83-9	BROMOMETHANE	ND	5.
78-93-3	2-BUTANONE (MEK)	ND	10.
75-15-0	CARBON DISULFIDE	ND	1.
56-23-5	CARBON TETRACHLORIDE	ND	1.
108-90-7	CHLOROBENZENE	ND	1.
75-00-3	CHLOROETHANE	ND	5.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	10.
67-66-3	CHLOROFORM	ND	1.
74-87-3	CHLOROMETHANE	ND	5.
108-41-8	CHLOROTOLUENE	ND	1.
124-48-1	DIBROMOCHLOROMETHANE	ND	1.
95-50-1	1,2-DICHLOROBENZENE	ND	1.
541-73-1	1,3-DICHLOROBENZENE	ND	1.
106-46-7	1,4-DICHLOROBENZENE	ND	1.
75-34-3	1,1-DICHLOROETHANE	ND	1.
107-06-2	1,2-DICHLOROETHANE	ND	1.
75-35-4	1,1-DICHLOROETHYLENE	ND	1.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	1.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	1.
78-87-5	1,2-DICHLOROPROPANE	ND	1.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	1.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	1.
100-41-4	ETHYLBENZENE	ND	1.
106-93-4	ETHYLENE DIBROMIDE	ND	1.
76-13-1	FREON-TF	ND	1.
119-78-6	2-HEXANONE	ND	5.
75-09-2	METHYLENE CHLORIDE	ND	10.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	5.
100-42-5	STYRENE	ND	1.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	1.
127-18-4	TETRACHLOROETHYLENE	ND	1.
109-99-9	TETRAHYDROFURAN	ND	1.
108-88-3	TOLUENE	ND	1.
71-55-6	1,1,1-TRICHLOROETHANE	ND	1.
79-00-5	1,1,2-TRICHLOROETHANE	ND	1.
79-01-6	TRICHLOROETHYLENE	ND	1.
75-69-4	TRICHLOROFLUOROMETHANE	ND	1.
108-05-4	VINYL ACETATE	ND	5.
75-01-4	VINYL CHLORIDE	ND	5.
95-47-6	TOTAL XYLENES	ND	1.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: O-2
WCAS JOB #: 11660

UNITS: UG/L (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: O-21
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V19
DATE EXTRACTED: 01/09/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/09/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: O-21
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: P-2
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V20
DATE EXTRACTED: 01/09/89 SAMPLE AMOUNT: 5ML
DATE ANALYZED: 01/09/89 MATRIX: WATER

EPA METHOD 8240 (624) UNITS: UG/L (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	10.
71-43-2	BENZENE	ND	1.
75-27-4	BROMODICHLOROMETHANE	ND	1.
75-25-2	BROMOFORM	ND	1.
74-83-9	BROMOMETHANE	ND	5.
78-93-3	2-BUTANONE (MEK)	ND	10.
75-15-0	CARBON DISULFIDE	ND	1.
56-23-5	CARBON TETRACHLORIDE	ND	1.
108-90-7	CHLOROBENZENE	ND	1.
75-00-3	CHLOROETHANE	ND	5.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	10.
67-66-3	CHLOROFORM	ND	1.
74-87-3	CHLOROMETHANE	ND	5.
108-41-8	CHLOROTOLUENE	ND	1.
124-48-1	DIBROMOCHLOROMETHANE	ND	1.
95-50-1	1,2-DICHLOROBENZENE	ND	1.
541-73-1	1,3-DICHLOROBENZENE	ND	1.
106-46-7	1,4-DICHLOROBENZENE	ND	1.
75-34-3	1,1-DICHLOROETHANE	ND	1.
107-06-2	1,2-DICHLOROETHANE	ND	1.
75-35-4	1,1-DICHLOROETHYLENE	ND	1.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	1.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	1.
78-87-5	1,2-DICHLOROPROPANE	ND	1.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	1.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	1.
100-41-4	ETHYLBENZENE	ND	1.
106-93-4	ETHYLENE DIBROMIDE	ND	1.
76-13-1	FREON-TF	ND	1.
119-78-6	2-HEXANONE	ND	5.
75-09-2	METHYLENE CHLORIDE	ND	10.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	5.
100-42-5	STYRENE	ND	1.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	1.
127-18-4	TETRACHLOROETHYLENE	ND	1.
109-99-9	TETRAHYDROFURAN	ND	1.
108-88-3	TOLUENE	ND	1.
71-55-6	1,1,1-TRICHLOROETHANE	ND	1.
79-00-5	1,1,2-TRICHLOROETHANE	ND	1.
79-01-6	TRICHLOROETHYLENE	ND	1.
75-69-4	TRICHLOROFLUOROMETHANE	ND	1.
108-05-4	VINYL ACETATE	ND	5.
75-01-4	VINYL CHLORIDE	ND	5.
95-47-6	TOTAL XYLENES	ND	1.

,TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: P-2
WCAS JOB #: 11660

UNITS: UG/L (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: P-2
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V23
DATE EXTRACTED: 01/09/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/09/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: P-2
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: P-11
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V26
DATE EXTRACTED: 01/09/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/09/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: P-11
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: Q-1 (DUP 1)
WCAS JOB #: 11660.

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V5
DATE EXTRACTED: 01/05/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/05/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: Q-1 (DUP 1)
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: Q-SURF
WCAS JOB #: 11660

DATE RECEIVED: 12/28/88 RUN NUMBER: 11660V14
DATE EXTRACTED: 01/06/89 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 01/06/89 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: Q-SURF
WCAS JOB #: 11660

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

Data Reporting Qualifiers

Value - If the result is a value greater than or equal to the Detection Limit (DL), the value is reported.

ND - Indicates that the compound was analyzed for but not detected. The minimum DL for the sample with the ND is reported based on necessary concentration or dilution actions.

TR - Indicates an estimated value. This flag is used when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified DL but greater than zero.

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: 1

PAGE 1 OF 1

DATE: 12/27/88

PROJECT NAME: United Concrete

PROJECT NO.: 8840973A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
E3-F		[illegible]		Jar	[illegible]	None	[illegible]
E4							~~[illegible]~~ Hold
E5							[illegible]
H2 surf							* Hold
H2							* Hold
J1-S							~~PCB~~ Hold
J1-2							~~PCB~~ Hold
J2-S							~~PCB~~ Hold
J2-2							~~PCB~~ Hold
J3-S							PCB - ppm
J3-5							PCB - ppm
D-S F1							8015M
D-S F2							~~418.1~~ 8015M
C1-S F1							418.1 8240
C1-S F2							~~[illegible]~~ Hold
C1-S1							~~[illegible]~~ 418.1 8245
C1-S2							~~418.1~~ Hold
C1-1S1							~~8015~~ 418.1 8245
C1-1S2							~~418.1~~ Hold

Total Number of Samples Shipped: 19 | Sampler's Signature: [signature]

Relinquished By:	Received By:	Date / Time
Signature: [signature] Printed Name: Tom Zdob Company: WCC Reason: Carry to Lab	Signature: MSTOUT Printed Name: M STOUT. Company: WCAS.	Date: 12/27/88 Time: 6:00
Signature: Printed Name: Company: Reason:	Signature: #11650 Printed Name: Company:	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:

Special Shipment / Handling / Storage Requirements:

* Call Alistaire Callander at WCC 714 835 6886 for required testing specifications for samples H1-H2

* Note – This does not constitute authorization to proceed with analysis

LA/OR-0183-421

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FAX: (714) 891-5917

Enseco

Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callender

BATCH: B222
ANALYSES: TPH, 418.1, 7420, 8020, 8010

PROJECT: #8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Enclosed with this letter is the report on the analyses performed on samples B011289-1/14.

The samples were received by CRL intact and with the chain of custody record attached.

Please note that ND means not detected and DL means detection limit.

Stated below are the pertinent quality control data.

Matrix: Soil

Date	Method	Analyte	%R[1] Matrix spike	Matrix spike dup.		RPD[2]	
01/12	TPH	Diesel	73.	104.	pass	39.	pass
01/12	418.1	Oil/grease	128.	126.	pass	2.	pass
01/22	7420	Total Lead	91.	89.	pass	2.	pass
01/12	8020	Benzene	89.	100.	pass	12.	pass
		Toluene	100.	100.	pass	0.	pass
		Ethyl Benzene	100.	106.	pass	6.	pass
		Total Xylenes	100.	100.	pass	0.	pass

[1] %R - per cent recovery
[2] RPD - relative per cent difference between MS and MSD recoveries.

Bill Gerry
REVIEWED AND APPROVED

1-24-89
DATE

The Report Cover Letter is an integral part of this report.
This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

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Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

BATCH: B222
ANALYSES: TPH, 418.1, 7420
8020, 8010

PROJECT: #8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Matrix: Soil

Date	Method	Analyte	%R[1] Matrix spike	Matrix spike dup.		RPD[2]	
01/17	8010	Trans 1,2-Dichloroethene	87.	93.	pass	7.	pass
		1,1,1-Trichloroethane	97.	99	pass	2.	pass
		1,2-Dichloroethane	121.	130.	pass	7.	pass
		Bromodichloromethane	89.	89.	pass	0.	pass
		cis 1,3-Dichloroporpene	82.	89.	pass	8.	pass
		Trans 1,2-Dichloropropene	80.	83.	pass	4.	pass
		Bromoform	72.	62	pass	15.	pass
		1,1,2,2-Tetrachloroethane	90.	75.	pass	18.	pass

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LABORATORY REPORT

TO:	**ANALYSIS NO.:**	B011289-1/14
Woodward-Clyde Consultants	**DATE SAMPLED:**	01/12/89
203 N. Golden Circle Drive	**DATE REC'D:**	01/12/89
Santa Ana, CA 92705	**BATCH:**	B222
ATTN: Mr. Allister Callender	**MATRIX:**	Soil

Project: #8840484-2000, 14041 E. Live Oak Ave., Irwindale

Test: Total Lead (SW846 - 7420)

Units: mg/kg

Sample Identification	Detection Limit	Results
B TANK	1.	7.

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FAX: (714) 891-5917

LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callender

ANALYSIS NO.: 8011289-1/14
DATE SAMPLED: 01/12/89
DATE REC'D: 01/12/89
BATCH: 8222
MATRIX: Soil

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Test: Total Recoverable Petroleum Hydrocarbons (EPA418.1)

Units: mg/kg

Sample Identification	Detection Limit	Results
C6 - 1 (old)	1.	82.
C6 - 7 (old)	1.	17.
Q3 - 4	1.	13.
Q3 - 6	1.	21.
Q5 - 1	1.	4.
B Tank	1.	1000000.
PB - Sed 2	1.	4430.
C5B - 1	1.	915.
C5B - 5	1.	1710.
C5B - 8	1.	15100.
C5B - 16	1.	16800.
C7 - 11 (18)	1.	12300.
C7 - 12 (28)	1.	6380.
C7 - 3 (18)	1.	3810.

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FAX: (714) 891-5917

LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callender

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

ANALYSIS NO.: B011289-1/14
DATE SAMPLED: 01/12/89
DATE REC'D: 01/12/89
BATCH: B222
MATRIX: Soil

Test: Total Petroleum Hydrocarbons (8015 - Diesel)

Units: mg/kg

Sample Identification	Detection Limit	Results
B Tank	10.	83600.
PB - Sed 2	10.	2540.
C7 - 11 (18)	10.	4450.
C7 - 3 (18)	10.	2500.

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callender

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

ANALYSIS NO.: B011289-1/14
DATE SAMPLED: 01/12/89
DATE REC'D: 01/12/89
BATCH: B222
MATRIX: Soil

Test: Aromatic Volatile Organics (SW846 - 8020)

Units: mg/kg

Results

Sample Identification	Detection Limit	Benzene	Toluene	Ethyl Benzene	Total Xylenes
PB - Sed 2	0.1	ND	ND	ND	ND

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callender

ANALYSIS NO.: B011289-1/14
DATE SAMPLED: 01/12/89
DATE REC'D: 01/12/89
BATCH: B222
MATRIX: Soil

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Sample Identification: CSB-16
Units: ug/kg
Test: Halogenated Volatile Organics (SW846 - 8010)

	Detection Limit	Results
Trichlorofluoromethane	5.	ND
1,1-Dichloroethene	5.	ND
Methylene chloride	5.	ND
Trans 1,2-Dichlorethene	5.	ND
1,1-Dichloroethane	5.	ND
Chloroform	5.	ND
1,1,1-Trichlorethane	5.	ND
Carbon Tetrachloride	5.	ND
1,2-Dichlorethane	5.	ND
Trichloroethene	5.	ND
1,2-Dichloropropane	5.	ND
Bromodichloromethane	5.	ND
2-Chloroethyl vinyl ether	5.	ND
cis 1,3-Dichloropropene	5.	ND
Trans 1,3-Dichloropropene	5.	ND
1,1,2-Trichloroethane	5.	ND
Tetrachloroethene	5.	ND
Dibromochloromethane	5.	ND
Chlorobenzene	5.	ND
Bromoform	5.	ND
1,1,2,2-Tetrachloroethane	5.	ND

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callender

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

ANALYSIS NO.: B011289-1/14
DATE SAMPLED: 01/12/89
DATE REC'D: 01/12/89
BATCH: B222
MATRIX: Soil

Sample Identification: PB-Sed 2
Units: ug/kg
Test: Halogenated Volatile Organics (SW846 - 8010)

	Detection Limit	Results
Trichlorofluoromethane	5.	ND
1,1-Dichloroethene	5.	ND
Methylene chloride	5.	ND
Trans 1,2-Dichlorethene	5.	ND
1,1-Dichloroethane	5.	ND
Chloroform	5.	ND
1,1,1-Trichlorethane	5.	ND
Carbon Tetrachloride	5.	ND
1,2-Dichlorethane	5.	ND
Trichloroethene	5.	ND
1,2-Dichloropropane	5.	ND
Bromodichloromethane	5.	ND
2-Chloroethyl vinyl ether	5.	ND
cis 1,3-Dichloropropene	5.	ND
Trans 1,3-Dichloropropene	5.	ND
1,1,2-Trichloroethane	5.	ND
Tetrachloroethene	5.	ND
Dibromochloromethane	5.	ND
Chlorobenzene	5.	ND
Bromoform	5.	ND
1,1,2,2-Tetrachloroethane	5.	ND

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callender

ANALYSIS NO.: B011289-1/14
DATE SAMPLED: 01/12/89
DATE REC'D: 01/12/89
BATCH: B222
MATRIX: Soil

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Sample Identification: Q3-4
Units: ug/kg
Test: Halogenated Volatile Organics (SW846 - 8010)

	Detection Limit	Results
Trichlorofluoromethane	5.	ND
1,1-Dichloroethene	5.	ND
Methylene chloride	5.	ND
Trans 1,2-Dichlorethene	5.	ND
1,1-Dichlorethane	5.	ND
Chloroform	5.	ND
1,1,1-Trichlorethane	5.	ND
Carbon Tetrachloride	5.	ND
1,2-Dichlorethane	5.	ND
Trichloroethene	5.	ND
1,2-Dichloropropane	5.	ND
Bromodichloromethane	5.	ND
2-Chloroethyl vinyl ether	5.	ND
cis 1,3-Dichloropropene	5.	ND
Trans 1,3-Dichloropropene	5.	ND
1,1,2-Trichloroethane	5.	ND
Tetrachloroethene	5.	ND
Dibromochloromethane	5.	ND
Chlorobenzene	5.	ND
Bromoform	5.	ND
1,1,2,2-Tetrachloroethane	5.	ND

1

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Woodward-Clyde Consultants

SHIPMENT NO.: _____

CHAIN OF CUSTODY RECORD

PAGE ____ OF ____

PROJECT NAME: United Irondale

DATE 1/12/89

PROJECT NO.: 8840484A-2000

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
CC-1 (old)		Soil		Soil Jar	1	Fresh Sample	418.1
CC-7 (old)		"					↓ 8010
Q3-4		"					
Q3-6		"					
Q5-1		"					↓
B-Tank		"					418.1, 8015
PB-Sed 2		"					418.1, 8015, BTXE, 8010 Also 82
CSB-1		"					418.1
CSB-5		"					418.1
CSB-8		"					418.1
CSB-16		"					418.1 - 8010
CT-11 ((18))		"					418.1 - 8015
CT-12 ((22))							418.1
CT-3 ((18))							418.1 - 8015

Total Number of Samples Shipped: Sampler's Signature: T. Zdeb

Relinquished By:	Received By:	Date / Time
Signature: T. Zdeb	Signature: Michael A. Yurkoff	Date: 1/12/89
Printed Name: Tom Zdeb	Printed Name: Michael A. Yurkoff	Time: 1730
Company: WCC	Company: Enseco-Cal mobile lab.	
Reason: Carry to Lab		
Relinquished By:	Received By:	Date / Time
Signature:	Signature:	Date: / /
Printed Name:	Printed Name:	Time:
Company:	Company:	
Reason:		
Relinquished By:	Received By:	Date / Time
Signature:	Signature:	Date: / /
Printed Name:	Printed Name:	Time:
Company:	Company:	
Reason:		
Relinquished By:	Received By:	Date / Time
Signature:	Signature:	Date: / /
Printed Name:	Printed Name:	Time:
Company:	Company:	
Reason:		

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

LA.OR-0183 42

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FAX: (714) 891-5917

Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callendar

BATCH: 493
ANALYSES: 418.1

PROJECT: United Concrete, 14041 E. Live Oak Ave., Irwindale

Enclosed with this letter is the report on the analyses performed on samples 012889-1/14.

The samples were received by CRL intact and with the chain-of-custody record attached.

Please note that ND means not detected and DL means detection limit.

Stated below are the pertinent quality control data.

Matrix: Soil

Date	Method	Analyte	%R[1] Matrix spike	%R[1] Matrix spike dup.		RPD[2]	
01/28	418.1	Oil/grease	101.	103.	pass	2.	pass

[1] %R - per cent recovery
[2] RPD - relative per cent difference between MS and MSD recoveries.

Bill [illegible]
REVIEWED AND APPROVED

[illegible]
DATE

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callendar

ANALYSIS NO.: 012889-1/14
DATE SAMPLED: 01/28/89
DATE REC'D: 01/28/89
BATCH: 493
MATRIX: Soil

PROJECT:
United Concrete, 14041 E. Live Oak Ave., Irwindale

Test: Total Recoverable Petroleum Hydrocarbons (EPA418.1)

Units: mg/kg

Sample Identification	Detection Limit	Results
B-4-2 9'	1.	4200.
B-4-3 19'	1.	582.
B-4-4 28'	1.	87.
B-4-1 5'	1.	570.
B-4-5 37'	1.	31.
B-4-6 44'	1.	44.
B-5-1 4'	1.	50.
B-5-2 14'	1.	140.
B-5-3 33'	1.	31.
B-6-1 5'	1.	18.
B-6-2 12'	1.	22.
B-6-3 18'	1.	6.
B-6-4 28'	1.	ND
B-6-5 37'	1.	8.

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CHAIN OF CUSTODY RECORD

Date 1/28/89 Page 1 of 3

CLIENT Woodward Clyde

ADDRESS

PROJECT MANAGER Allister Callendar

PHONE NUMBER

PROJECT NAME 11041 E. Live Oak Ave

SAMPLERS: (Signature) Grey Gangwiss

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
	B-4-1	1-28-89					X	1	418.1
	B-4-2							1	
	B-4-3							1	
	B-4-4							1	
	B-4-5							1	
	B-4-6						X	1	

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Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: Bernard Beckman — Date/Time 1/28/89 As Sampled

Method of Shipment:

Special Instructions:

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CHAIN OF CUSTODY RECORD

Date 1/28/89 Page 2 of 3

CLIENT Woodward Clyde

ADDRESS

PROJECT MANAGER

PHONE NUMBER

SAMPLERS: (Signature) Allister Callander Greg Gangwisch

PROJECT NAME
14041 E. Live Oak Ave

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
	B-5-1	1-28-89					X	1	418.1
	B-5-2	↓					↓	1	↓
	B-5-3	↓					↓	1	↓

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Relinquished by: (Signature) Received by: (Signature) Date/Time

Relinquished by: (Signature) Received by Mobile Laboratory for field analysis: (Signature) Leonard Buhman Date/Time 1/29/89 As Sampled

Dispatched by: (Signature) Date/Time Received for Laboratory by: Date/Time

Method of Shipment:

Special Instructions:

SOURCE: Adapted from U.S. EPA, 1985

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CHAIN OF CUSTODY RECORD

Date 1-28-89 Page 3 of 3

CLIENT Woodward Clyde

ADDRESS

PROJECT MANAGER Allison Callander

PHONE NUMBER

PROJECT NAME

SAMPLERS: (Signature) Greg Gangness

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
	B-6-1	1-28-89					X	1	418.1
	B-6-2	↓					↓	1	↓
	B-6-3							1	
	B-6-4							1	
	B-6-5	↓					↓	1	↓

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Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) Howard Beckman — Date/Time 1/28/89 As Sampled

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: — Date/Time

Method of Shipment:

Special Instructions:

SOURCE: Adapted from U.S. EPA 1985

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FAX: (714) 891-5917

Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callendar

BATCH: 492
ANALYSES: 418.1

PROJECT: United Concrete, 14041 E. Live Oak Ave., Irwindale

Enclosed with this letter is the report on the analyses performed on samples 012789-1/20.

The samples were received by CRL intact and with the chain-of-custody record attached.

Please note that ND means not detected and DL means detection limit.

Stated below are the pertinent quality control data.

Matrix: Soil

Date	Method	Analyte	%R[1] Matrix spike	Matrix spike dup.		RPD[2]	
01/27	418.1	Oil/grease	96.	100.	pass	4.	pass

[1] %R - per cent recovery
[2] RPD - relative per cent difference between MS and MSD recoveries.

REVIEWED AND APPROVED

DATE

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CHAIN OF CUSTODY RECORD

Date 1/27/89 Page 1 of 3

CLIENT Woodward Clyde

ADDRESS

PROJECT MANAGER
Allister Callendar

PHONE NUMBER

PROJECT NAME
14041 E. Live Oak Ave. Irwindale

SAMPLERS: (Signature)
X Brian Jack

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
012789-1	B-1-1	1/29/89	10:15a				X	1	418.1
-2	B-1-2						X	1	418.1
-3	B-1-3						X	1	418.1
-4	B-1-4		10:35				X	1	418.1
-5	B15-1		1140				X	1	418.1
-6	B15-2		1140				X	1	418.1
-7	C-7PILE-1		1200				X	1	418.1

		Date/Time
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Relinquished by: (Signature)	Received by: (Signature)	
Relinquished by: (Signature) X Brian Jack	Received by Mobile Laboratory for field analysis: (Signature)	1/27/89 440
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Method of Shipment:		

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CHAIN OF CUSTODY RECORD

Date 1/27/89 Page 2 of 3

CLIENT Woodward Clyde

ADDRESS

PROJECT MANAGER Allister Chisholm

PHONE NUMBER

PROJECT NAME 14041 E. Live Oak Ave,

SAMPLERS: (Signature) X Brian Jacobs

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
C12784-8	B-1-5	1/27/89	1230				X	1	418.1
-9	B-1-6		1230				X	1	
-10	B-2-1		105				X	1	
-11	B-2-2		105				X	1	
-12	B-2-3		130				X	1	
-13	B-2-4		200				X	1	
-14	B-2-5		220				X	1	

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Relinquished by: (Signature) X Brian Jacobs — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time 1/27/89 440

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: — Date/Time

Method of Shipment:

Special Instructions:

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CHAIN OF CUSTODY RECORD

Date 1/27/89 Page 2 of 3

CLIENT WOODWARD CLYDE

ADDRESS

PROJECT MANAGER ALLISTER CALLENDAR

PHONE NUMBER

PROJECT NAME 1401 E. LIVE OAK AVE.

SAMPLERS: (Signature)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
01275-15	B-2-6	1/27/89	230				X	1	418.1
-16	C-3 PILE-1		250				X	1	
-17	B-3-1		335				X	1	
-18	C-10 PILE-1		335				X	1	
-19	B-3-2		350				X	1	
-20	B-3-3		405				X	1	

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Dispatched by: (Signature) — Date/Time — Received for Laboratory by: — Date/Time

Method of Shipment:

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FAX: (714) 891-5917

January 27, 1989

ENSECO-CRL MOBILE
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Nils Cornejo

ANALYSIS NO.: G-8901606-001/004
ANALYSES: CAM Metals (TTLC)
DATE SAMPLED: 13-Jan-1989
DATE SAMPLE REC'D: 16-Jan-1989
PROJECT: Woodward-Clyde Consultants
Irwindale

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: G-8901606-001/004 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

S. Kindermann
REVIEWED

APPROVED

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FAX: (714) 891-5917

Laboratory Report

ENSECO MOBIL LAB
7440 LINCOLN WAY
GARDEN GROVE, CA 92641
ATTN: MR. NILS CORNEJO

Analysis No.: G-8901606-001
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 16-JAN-1989
Date Analyzed: 17-JAN-1989
24-JAN-1989
19-JAN-1989
18-JAN-1989
Sample Type: LIQUID

Project: WOODWARD CLYDE - IRWINDALE
Sample ID: B011389-6

Analysis	Units	Result	Blank	Detection Limit
Arsenic (EPA 206.3)	mg/L	ND	ND	0.005
Antimony (EPA 200.7)	mg/L	ND	ND	0.1
Barium (EPA 200.7)	mg/L	0.09	ND	0.02
Beryllium (EPA 200.7)	mg/L	ND	ND	0.02
Cadmium (EPA 200.7)	mg/L	ND	ND	0.02
Chromium (EPA 200.7)	mg/L	0.1	ND	0.02
Chromium, Hexavalent (EPA 7196)	mg/L	ND	ND	0.05
Cobalt (EPA 200.7)	mg/L	ND	ND	0.02
Copper (EPA 200.7)	mg/L	0.07	ND	0.02
Lead (EPA 200.7)	mg/L	ND	ND	0.02
Mercury (EPA 245.1)	mg/L	ND	ND	0.001
Molybdenum (EPA 200.7)	mg/L	ND	ND	0.02
Nickel (EPA 200.7)	mg/L	0.07	ND	0.02
Selenium (EPA 270.3)	mg/L	ND	ND	0.01
Silver (EPA 200.7)	mg/L	ND	ND	0.02
Thallium (EPA 279.1)	mg/L	ND	ND	0.1
Vanadium (EPA 200.7)	mg/L	ND	ND	0.02
Zinc (EPA 200.7)	mg/L	0.16	ND	0.02

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FAX: (714) 891-5917

Laboratory Report

ENSECO MOBIL LAB
7440 LINCOLN WAY
GARDEN GROVE, CA 92641
ATTN: MR. NILS CORNEJO

Analysis No.: G-8901606-002
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 16-JAN-1989
Date Analyzed: 17-JAN-1989
24-JAN-1989
Sample Type: LIQUID

Project: WOODWARD CLYDE - IRWINDALE
Sample ID: B011389-8

Analysis	Units	Result	Blank	Detection Limit
Arsenic (EPA 206.3)	mg/L	ND	ND	0.005
Antimony (EPA 200.7)	mg/L	ND	ND	0.1
Barium (EPA 200.7)	mg/L	0.15	ND	0.02
Beryllium (EPA 200.7)	mg/L	ND	ND	0.02
Cadmium (EPA 200.7)	mg/L	ND	ND	0.02
Chromium (EPA 200.7)	mg/L	0.12	ND	0.02
Chromium, Hexavalent (EPA 7196)	mg/L	ND	ND	0.05
Cobalt (EPA 200.7)	mg/L	ND	ND	0.02
Copper (EPA 200.7)	mg/L	0.11	ND	0.02
Lead (EPA 200.7)	mg/L	0.04	ND	0.02
Mercury (EPA 245.1)	mg/L	ND	ND	0.001
Molybdenum (EPA 200.7)	mg/L	ND	ND	0.02
Nickel (EPA 200.7)	mg/L	0.06	ND	0.02
Selenium (EPA 270.3)	mg/L	ND	ND	0.01
Silver (EPA 200.7)	mg/L	ND	ND	0.02
Thallium (EPA 279.1)	mg/L	ND	ND	0.1
Vanadium (EPA 200.7)	mg/L	ND	ND	0.02
Zinc (EPA 200.7)	mg/L	0.41	ND	0.02

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Laboratory Report

ENSECO MOBIL LAB
7440 LINCOLN WAY
GARDEN GROVE, CA 92641
ATTN: MR. NILS CORNEJO

Analysis No.: G-8901606-003
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 16-JAN-1989
Date Analyzed: 17-JAN-1989
24-JAN-1989
Sample Type: LIQUID

Project: WOODWARD CLYDE - IRWINDALE
Sample ID: B011389-10

Analysis	Units	Result	Blank	Detection Limit
Arsenic (EPA 206.3)	mg/L	ND	ND	0.005
Antimony (EPA 200.7)	mg/L	ND	ND	0.1
Barium (EPA 200.7)	mg/L	0.11	ND	0.02
Beryllium (EPA 200.7)	mg/L	ND	ND	0.02
Cadmium (EPA 200.7)	mg/L	ND	ND	0 02
Chromium (EPA 200.7)	mg/L	0.11	ND	0.02
Chromium, Hexavalent (EPA 7196)	mg/L	ND	ND	0.05
Cobalt (EPA 200.7)	mg/L	ND	ND	0.02
Copper (EPA 200.7)	mg/L	0.1	ND	0.02
Lead (EPA 200.7)	mg/L	ND	ND	0.02
Mercury (EPA 245.1)	mg/L	ND	ND	0.001
Molybdenum (EPA 200.7)	mg/L	ND	ND	0.02
Nickel (EPA 200.7)	mg/L	0.05	ND	0.02
Selenium (EPA 270.3)	mg/L	ND	ND	0.01
Silver (EPA 200.7)	mg/L	ND	ND	0.01
Thallium (EPA 279.1)	mg/L	ND	ND	0.1
Vanadium (EPA 200.7)	mg/L	ND	ND	0.02
Zinc (EPA 200.7)	mg/L	1.24	ND	0.02

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FAX: (714) 891-5917

Laboratory Report

ENSECO MOBIL LAB
7440 LINCOLN WAY
GARDEN GROVE, CA 92641
ATTN: MR. NILS CORNEJO

Analysis No.: G-8901606-004
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 16-JAN-1989
Date Analyzed: 17-JAN-1989
24-JAN-1989
Sample Type: LIQUID

Project: WOODWARD CLYDE - IRWINDALE
Sample ID: B011389-12

Analysis	Units	Result	Blank	Detection Limit
Arsenic (EPA 206.3)	mg/L	ND	ND	0.005
Antimony (EPA 200.7)	mg/L	ND	ND	0.1
Barium (EPA 200.7)	mg/L	0.13	ND	0.02
Beryllium (EPA 200.7)	mg/L	ND	ND	0.02
Cadmium (EPA 200.7)	mg/L	ND	ND	0.02
Chromium (EPA 200.7)	mg/L	0.12	ND	0.02
Chromium, Hexavalent (EPA 7196)	mg/L	ND	ND	0.05
Cobalt (EPA 200.7)	mg/L	ND	ND	0.02
Copper (EPA 200.7)	mg/L	0.07	ND	0.02
Lead (EPA 200.7)	mg/L	ND	ND	0.02
Mercury (EPA 245.1)	mg/L	ND	ND	0.001
Molybdenum (EPA 200.7)	mg/L	ND	ND	0.02
Nickel (EPA 200.7)	mg/L	0.05	ND	0.02
Selenium (EPA 270.3)	mg/L	ND	ND	0.01
Silver (EPA 200.7)	mg/L	ND	ND	0.02
Thallium (EPA 279.1)	mg/L	ND	ND	0.1
Vanadium (EPA 200.7)	mg/L	ND	ND	0.02
Zinc (EPA 200.7)	mg/L	0.14	ND	0.02

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LABORATORY REPORT

ENSECO-CRL MOBILE
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Nils Cornejo

ANALYSIS NO.: G-8901606-001/004
ANALYSES: CAM Metals (TTLC)
DATE SAMPLED: 13-Jan-1989
DATE SAMPLE REC'D: 16-Jan-1989
SAMPLE TYPE: Liquid
PROJECT: Woodward-Clyde Consultants
Irwindale

QA/QC SUMMARY

Date	Parameter(method)	Average Spike Recovery%	Acceptable Range%	Relative Percent Difference	Acceptable Range%
17-Jan-89	Antimony (EPA 200.7)	103	68-137	3	30
19-Jan-89	Arsenic (EPA 206.3)	81	78-118	1	25
17-Jan-89	Barium (EPA 200.7)	92	63-137	3	30
17-Jan-89	Beryllium (EPA 200.7)	98	66-130	0	30
17-Jan-89	Cadmium (EPA 200.7)	107	72-141	4	25
17-Jan-89	Chromium (EPA 200.7)	107	69-148	2	30
24-Jan-89	Chromium, Hex. (EPA 7196)	84	60-130	0	40
17-Jan-89	Cobalt (EPA 200.7)	105	73-132	0	30
17-Jan-89	Copper (EPA 200.7)	95	68-129	1	25
17-Jan-89	Lead (EPA 200.7)	105	65-144	5	25
17-Jan-89	Mercury (EPA 245.1)	54	41-137	0	37
17-Jan-89	Molybdenum (EPA 200.7)	106	69-144	3	25
17-Jan-89	Nickel (EPA 200.7)	105	65-146	1	25
19-Jan-89	Selenium (EPA 270.3)	56	41-137	13	25
17-Jan-89	Silver (EPA 200.7)	95	25-147	7	52
18-Jan-89	Thallium (EPA 279.1)	105	75-109	10	25
17-Jan-89	Vanadium (EPA 200.7)	103	73-130	0	25
17-Jan-89	Zinc (EPA 200.7)	100	73-138	0	25

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CHAIN OF CUSTODY RECORD

Date 1-16-89 Page 1 of 1

CLIENT Enseco-CRL Mobile

ADDRESS

To: Enseco-CRL Garden Grove

PROJECT NAME Woodward-Clyde Consultants Irwindale

PROJECT MANAGER Nils J. Cornejo

PHONE NUMBER (714) 891-0405

SAMPLERS: (Signature)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
B011389-6	CES-1A	1-13-89			X			1-802	CAM Metals
-8	CES-2A	↓			X			↓	↓
-10	CES-3A				X				
↓ -12	CES-4A	↓			X			↓	↓

Relinquished by: (Signature)

Received by: (Signature) Nils J. Cornejo — Date/Time 1-16-89 12:00pm

Relinquished by: (Signature)

Received by: (Signature) — Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

Dispatched by: (Signature) Nils J. Cornejo — Date/Time 1-16-89 / 12:45pm

Received for Laboratory by: — Date/Time 1/16/89 12:45pm

Method of Shipment:

Special Instructions: Due Date: 1-27-89 Call in results to Rudy

SOURCE: Modified from U.S. EPA 1985

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FAX: (714) 891-5917

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January 28, 1989

ENSECO-CRL MOBILE LAB.
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Walter Berger

ANALYSIS NO.: G-8901605-001
ANALYSES: EPA Method 8270
DATE SAMPLED: 01/12/89
DATE SAMPLE REC'D: 01/16/89
PROJECT: Woodward-Clyde, Irwindale

Enclosed with this letter is the report on the chemical and physical analyses on the sample from ANALYSIS NO: G-8901605-001 shown above.

The sample was received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Solid samples are reported on an "as received" basis.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

Verbals were given on January 27, 1989 at 9:20 A.M. to Mr. Bill Jeong.

REVIEWED

Jerol Kimble
APPROVED

The Report Cover Letter is an integral part of this report.

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Laboratory Report

ENSECO MOBILE LAB
7440 LINCOLN WAY
GARDEN GROVE, CA 92641
ATTN: MR. WALTER BERGER

Project: WOODWARD-CLYDE, IRWINDALE
Sample ID: B011289-7

Analysis No.: G-8901605-001
Date Sampled: 12-JAN-1989
Date Sample Rec'd: 16-JAN-1989
Date Analyzed: 26-JAN-1989
Sample Type: SOLID
Date Extracted: 17-Jan-1989

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Analysis	Result	Blank	Detection Limit
Phenol	ND	ND	4.8
bis(2-Chloroethyl)ether	ND	ND	4.8
2-Chlorophenol	ND	ND	4.8
1,3-Dichlorobenzene	ND	ND	4.8
1,4-Dichlorobenzene	ND	ND	4.8
Benzyl alcohol	ND	ND	4.8
1,2-Dichlorobenzene	ND	ND	4.8
2-Methylphenol	ND	ND	4.8
bis(2-Chloroisopropyl)ether	ND	ND	4.8
4-Methylphenol	ND	ND	4.8
N-Nitroso-di-n-propylamine	ND	ND	4.8
Hexachloroethane	ND	ND	4.8
Nitrobenzene	ND	ND	4.8
Isophorone	ND	ND	4.8
2-Nitrophenol	ND	ND	4.8
2,4-Dimethylphenol	ND	ND	4.8
Benzoic acid	ND	ND	24.0
bis(2-Chloroethoxy)methane	ND	ND	4.8
2,4-Dichlorophenol	ND	ND	4.8
1,2,4-Trichlorobenzene	ND	ND	4.8
Naphthalene	ND	ND	4.8
4-Chloroaniline	ND	ND	4.8
Hexachlorobutadiene	ND	ND	4.8
4-Chloro-3-methylphenol	ND	ND	4.8
2-Methylnaphthalene	ND	ND	4.8
Hexachlorocyclopentadiene	ND	ND	4.8
2,4,6-Trichlorophenol	ND	ND	4.8
2,4,5-Trichlorophenol	ND	ND	24.0
2-Chloronaphthalene	ND	ND	4.8
2-Nitroaniline	ND	ND	24.0
Dimethylphthalate	ND	ND	4.8
Acenaphthylene	ND	ND	4.8
3-Nitroaniline	ND	ND	24.0
Acenaphthene	ND	ND	4.8
2,4-Dinitrophenol	ND	ND	24.0
4-Nitrophenol	ND	ND	24.0
Dibenzofuran	ND	ND	4.8

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FAX: (714) 891-5917

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Laboratory Report

ENSECO MOBILE LAB
7440 LINCOLN WAY
GARDEN GROVE, CA 92641
ATTN: MR. WALTER BERGER

Project: WOODWARD-CLYDE, IRWINDALE
Sample ID: B011289-7

Analysis No.: G-8901605-001
Date Sampled: 12-JAN-1989
Date Sample Rec'd: 16-JAN-1989
Date Analyzed: 26-JAN-1989
Sample Type: SOLID
Date Extracted: 17-Jan-1989

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Analysis	Result	Blank	Detection Limit
2,4-Dinitrotoluene	ND	ND	4.8
2,6-Dinitrotoluene	ND	ND	4.8
Diethylphthalate	ND	ND	4.8
4-Chlorophenyl-phenylether	ND	ND	4.8
Fluorene	ND	ND	4.8
4-Nitroaniline	ND	ND	24.0
4,6-Dinitro-2-methylphenol	ND	ND	24.0
N-Nitrosodiphenylamine	ND	ND	4.8
4-Bromophenyl-phenylether	ND	ND	4.8
Hexachlorobenzene	ND	ND	4.8
Pentachlorophenol	ND	ND	24.0
Phenanthrene	ND	ND	4.8
Anthracene	ND	ND	4.8
Di-n-butylphthalate	ND	ND	4.8
Fluoranthene	ND	ND	4.8
Pyrene	ND	ND	4.8
Butylbenzylphthalate	26.	ND	4.8
3,3'-Dichlorobenzidine	ND	ND	9.6
Benzo(a)anthracene	ND	ND	4.8
bis(2-Ethylhexyl)phthalate	66.	ND	4.8
Chrysene	ND	ND	4.8
di-n-Octylphthalate	ND	ND	4.8
Benzo(b)fluoranthene	ND	ND	4.8
Benzo(k)fluoranthene	ND	ND	4.8
Benzo(a)pyrene	ND	ND	4.8
Indeno(1,2,3-cd)pyrene	ND	ND	4.8
Dibenz(a,h)anthracene	ND	ND	4.8
Benzo(g,h,i)perylene	ND	ND	4.8

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Laboratory Report

ENSECO MOBILE LAB
7440 LINCOLN WAY
GARDEN GROVE, CA 92641
ATTN: MR. WALTER BERGER
Project: WOODWARD-CLYDE, IRWINDALE

Analysis No.: G-8901605-001/001
Date Sampled: 12-JAN-1989
Date Sample Rec'd: 16-JAN-1989
Sample Type: SOLID

QA/QC Summary

Date	Parameter (Method)	Average Matrix Spike Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
17-JAN-1989	1,2,4-TRICHLOROBENZENE (EPA 8270)	69	11-100	5.	42
17-JAN-1989	1,4-DICHLOROBENZENE (EPA 8270)	65	7-100	5.	42
17-JAN-1989	2-CHLOROPHENOL (EPA 8270)	71	9-100	9.	45
17-JAN-1989	4-CHLORO-3-METHYLPHENOL (EPA 8270)	75	0-100	1.	32

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FAX: (714) 891-5917

Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

BATCH: B223
ANALYSES: TPH, 418.1, 601, 602,

PROJECT: #8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Enclosed with this letter is the report on the analyses performed on samples B011389-1/20.

The samples were received by CRL intact and with the chain-of-custody record attached.

Please note that ND means not detected and DL means detection limit.

Stated below are the pertinent quality control data.

Matrix: Soil

Date	Method	Analyte	%R[1] Matrix spike	Matrix spike dup.		RPD[2]	
01/13	TPH	Diesel	104.	96.	pass	8.	pass
01/13	418.1	Oil/grease	108.	96.	pass	12.	pass
01/13	418.1	Oil/grease	110.	102.	pass	8.	pass

Matrix: Water

01/16	602	Benzene	90.	75.	pass	18.	pass
		Toluene	90.	76.	pass	17.	pass
		Ethyl Benzene	88.	76.	pass	15.	pass
		Total Xylenes	92.	78.	pass	16.	pass

[1] %R - per cent recovery
[2] RPD - relative per cent difference between MS and MSD recoveries.

Bill Dyer
REVIEWED AND APPROVED

1-24-89
DATE

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(213) 598-0458 ● (714) 898-6370 ● (800) LAB-1-CRL
FAX: (714) 891-5917

LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

ANALYSIS NO.: B011389-1/28
DATE SAMPLED: 01/13/89
DATE REC'D: 01/13/89
BATCH: B223
MATRIX: Water

Test: Aromatic Volatile Organics (SW846 - 602)

Units: ug/l

Results

Sample Identification	Benzene	Toluene	Ethyl Benzene	Total Xylenes
CES-1B	2.0	30.	ND	80.
CES-2B (G)	ND	ND	3.	ND
CES-3B	ND	ND	ND	ND
CES-4B	ND	ND	ND	ND
Detection Limit:	0.7	1.0	1.0	1.0

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Woodward-Clyde Consultants

SHIPMENT NO.: _____

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

DATE 1/13/89

PROJECT NAME: Irwindale

PROJECT NO.: _____

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
C7-15 ((12))		Soil				Fresh Sample	418
C7-17 ((23))							418, 8015
C7-15 ((30))							418
C7-10 ((35))							418
C7-17 ((35))							418
CES 1A		Water					8010, BTXE, Cam Metal
CES 1B } Dup							8010, BTXE, Cam Metal
CES 2A (G)							8010, BTXE, Cam Metal
CES 2B (G) } Dup							8010, BTXE, Cam Metal
CES 3A } dup							
CES 3B } dup							
CES 4A } dup							
CES 4B } dup							
C8-2 dup		Soil					418
C8-2							418
C8-16							418
C9-2 ((20))		"				"	418
C9-6 ((15))		"				"	418
C9-10 ((15))		"				"	418
C9-15 ((20))		"				"	418

Total Number of Samples Shipped: _____ Sampler's Signature: [signature]

Relinquished By:	Received By:	Date / Time
Signature [signature]	Signature [signature]	Date 1/13/89
Printed Name Thomas F. Zdeb	Printed Name Eric Jaen	Time 8:00 Am
Company WCC	Company ENSECO CAL	
Reason carry to lab		
Relinquished By:	Received By:	Date / /
Signature	Signature	Time
Printed Name	Printed Name	
Company	Company	
Reason		
Relinquished By:	Received By:	Date / /
Signature	Signature	Time
Printed Name	Printed Name	
Company	Company	
Reason		
Relinquished By:	Received By:	Date / /
Signature	Signature	Time
Printed Name	Printed Name	
Company	Company	
Reason		

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

LA/OR-0183 421

Woodward-Clyde Consultants

SHIPMENT NO.: _____

CHAIN OF CUSTODY RECORD

PAGE 2 OF 3

DATE 1/13/89

PROJECT NAME: Irwindale

PROJECT NO.: 8840484A-2000

Sample Number	Location	Type of Sample		Type of Container	Type of Preservation		Analysis Required*
		Material	Method		Temp	Chemical	
B-10 North		Soil				Fresh	418
B-10 South							418
C10-5-12FT							418
C10-10-(20)							418
C10-10-(20) dup							418
C10-15((12))							418, 80LS
C10-15((22))							418
C11-2							418

Total Number of Samples Shipped: | Sampler's Signature: [signature]

Relinquished By:	Received By:	Date / Time
Signature [signature]	Signature [signature]	Date 1/13/89
Printed Name Thomas F. [illegible]	Printed Name Eric [illegible]	Time 445
Company WCC	Company ENSECO OOL	
Reason Carry to lab.		
Relinquished By:	Received By:	Date / /
Signature	Signature	Time
Printed Name	Printed Name	
Company	Company	
Reason		
Relinquished By:	Received By:	Date / /
Signature	Signature	Time
Printed Name	Printed Name	
Company	Company	
Reason		
Relinquished By:	Received By:	Date / /
Signature	Signature	Time
Printed Name	Printed Name	
Company	Company	
Reason		

Special Shipment / Handling / Storage Requirements:

* Note – This does not constitute authorization to proceed with analysis

LA/OR-0180-421

CRL Environmental - Mobile Laboratories
7440 Lincoln Way • Garden Grove, CA 92641
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FAX: (714) 891-5917

Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

BATCH: B223
ANALYSES: TPH, 418.1
601, 602

PROJECT: #8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Matrix: Water

Date	Method	Analyte	%R[1] Matrix spike	Matrix spike dup.		RPD[2]	
01/17	601	Trichlorofluoromethane	136.	133.	pass	2.	pass
		1,1-Dichloroethene	139.	138	pass	7.	pass
		Methylene chloride	128.	120.	pass	6.	pass
		1,1-Dichloroethane	134.	135.	pass	1.	pass
		Chloroform	128.	97.	pass	28.	pass
		Carbon Tetrachloride	128.	131.	pass	2.	pass
		Trichloroethene	149.	151	pass	1.	pass
		1,2-Dichloropropane	126.	133.	pass	7.	pass
		2-Chloroethyl vinyl ether	130.	163.	pass	23.	pass
		Tetrachloroethene	127.	122.	pass	4.	pass
		Chlorobenzene	115.	117.	pass	2.	pass

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

ANALYSIS NO.: B011389-1/28
DATE SAMPLED: 01/13/89
DATE REC'D: 01/13/89
BATCH: B223
MATRIX: Soil

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Test: Total Petroleum Hydrocarbons (8015 - Diesel)

Units: mg/kg

Sample Identification	Detection Limit	Results
C7-17 (23)	10.	7200.
C10-15 (12)	10.	ND

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

ANALYSIS NO.: B011389-1/28
DATE SAMPLED: 01/13/89
DATE REC'D: 01/13/89
BATCH: B223
MATRIX: Soil

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Test: Total Recoverable Petroleum Hydrocarbons (EPA418.1)

Units: mg/kg

Sample Identification	Detection Limit	Results
C7-15 (12)	1.	11500.
C7-17 (23)	1.	10800.
C7-15 (30)	1.	586.
C7-10(35)	1.	3.
C7-17 (35)	1.	ND
C8-2	1.	9680.
C8-2 Dup	1.	6660.
C8-16	1.	ND
C9-2 (20)	1.	11700.
C9-6 (15)	1.	1540.
C9-10 (15)	1.	503.
C9-15 (20)	1.	ND

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

ANALYSIS NO.: B011389-1/28
DATE SAMPLED: 01/13/89
DATE REC'D: 01/13/89
BATCH: B223
MATRIX: Soil

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Test: Total Recoverable Petroleum Hydrocarbons (EPA418.1)

Units: mg/kg

Sample Identification	Detection Limit	Results
B-10 NORTH	1.	38.
B-10 SOUTH	1.	607.
C10-5-12 FT	1.	2030.
C10-10 (20)	1.	1990.
C10-10 (20) Dup	1.	1510.
C10-15 (12)	1.	4.
C10-15 (22)	1.	2360.
C11-2	1.	8260.

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

ANALYSIS NO.: B011389-1/28
DATE SAMPLED: 01/13/89
DATE REC'D: 01/13/89
BATCH: B223
MATRIX: Water

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Sample Identification: CES-1B
Units: ug/l
Test: Halogenated Volatile Organics (SW846 - 601)

	Detection Limit	Results
Trichlorofluoromethane	1.	ND
1,1-Dichloroethene	1.	ND
Methylene chloride	1.	ND
Trans 1,2-Dichlorethene	1.	ND
1,1-Dichlorethane	1.	ND
Chloroform	1.	ND
1,1,1-Trichlorethane	1.	ND
Carbon Tetrachloride	1.	ND
1,2-Dichlorethane	1.	ND
Trichloroethene	1.	ND
1,2-Dichloropropane	1.	ND
Bromodichloromethane	1.	ND
2-Chloroethyl vinyl ether	1.	ND
Tetrachloroethene	1.	ND
cis 1,3-Dichloropropene	1.	ND
Trans 1,3-Dichloropropene	1.	ND
1,1,2-Trichloroethane	1.	ND
Chlorobenzene	1.	ND
Dibromochloromethane	1.	ND
Bromoform	1.	ND
1,1,2,2-Tetrachloroethane	1.	ND

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LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

ANALYSIS NO.: B011389-1/28
DATE SAMPLED: 01/13/89
DATE REC'D: 01/13/89
BATCH: B223
MATRIX: Water

Sample Identification: CES-2B (G)
Units: ug/l
Test: Halogenated Volatile Organics (SW846 - 601)

	Detection Limit	Results
Trichlorofluoromethane	1.	ND
1,1-Dichloroethene	1.	ND
Methylene chloride	1.	ND
Trans 1,2-Dichlorethene	1.	ND
1,1-Dichlorethane	1.	ND
Chloroform	1.	ND
1,1,1-Trichlorethane	1.	ND
Carbon Tetrachloride	1.	ND
1,2-Dichlorethane	1.	ND
Trichloroethene	1.	ND
1,2-Dichloropropane	1.	ND
Bromodichloromethane	1.	ND
2-Chloroethyl vinyl ether	1.	ND
Tetrachloroethene	1.	ND
cis 1,3-Dichloropropene	1.	ND
Trans 1,3-Dichloropropene	1.	ND
1,1,2-Trichloroethane	1.	ND
Chlorobenzene	1.	ND
Dibromochloromethane	1.	ND
Bromoform	1.	ND
1,1,2,2-Tetrachloroethane	1.	ND

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(213) 598-0458 ● (714) 898-6370 ● (800) LAB-1-CRL
FAX: (714) 891-5917

LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Tom Zdeb

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

ANALYSIS NO.: B011389-1/28
DATE SAMPLED: 01/13/89
DATE REC'D: 01/13/89
BATCH: B223
MATRIX: Water

Sample Identification: CES-3B
Units: ug/l
Test: Halogenated Volatile Organics (SW846 - 601)

	Detection Limit	Results
Trichlorofluoromethane	1.	ND
1,1-Dichloroethene	1.	ND
Methylene chloride	1.	ND
Trans 1,2-Dichlorethene	1.	ND
1,1-Dichlorethane	1.	ND
Chloroform	1.	ND
1,1,1-Trichlorethane	1.	ND
Carbon Tetrachloride	1.	ND
1,2-Dichlorethane	1.	ND
Trichloroethene	1.	ND
1,2-Dichloropropane	1.	ND
Bromodichloromethane	1.	ND
2-Chloroethyl vinyl ether	1.	ND
Tetrachloroethene	1.	ND
cis 1,3-Dichloropropene	1.	ND
Trans 1,3-Dichloropropene	1.	ND
1,1,2-Trichloroethane	1.	ND
Chlorobenzene	1.	ND
Dibromochloromethane	1.	ND
Bromoform	1.	ND
1,1,2,2-Tetrachloroethane	1.	ND

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LABORATORY REPORT

TO:	**ANALYSIS NO.:**	B011389-1/28
Woodward-Clyde Consultants	**DATE SAMPLED:**	01/13/89
203 N. Golden Circle Drive	**DATE REC'D:**	01/13/89
Santa Ana, CA 92705	**BATCH:**	8223
ATTN: Mr. Tom Zdeb	**MATRIX:**	Water

PROJECT:
#8840484A-2000, 14041 E. Live Oak Ave., Irwindale

Sample Identification: CES-4B
Units: ug/l
Test: Halogenated Volatile Organics (SW846 - 601)

	Detection Limit	Results
Trichlorofluoromethane	1.	ND
1,1-Dichloroethene	1.	ND
Methylene chloride	1.	ND
Trans 1,2-Dichlorethene	1.	ND
1,1-Dichlorethane	1.	ND
Chloroform	1.	ND
1,1,1-Trichlorethane	1.	ND
Carbon Tetrachloride	1.	ND
1,2-Dichlorethane	1.	ND
Trichloroethene	1.	ND
1,2-Dichloropropane	1.	ND
Bromodichloromethane	1.	ND
2-Chloroethyl vinyl ether	1.	ND
Tetrachloroethene	1.	ND
cis 1,3-Dichloropropene	1.	ND
Trans 1,3-Dichloropropene	1.	ND
1,1,2-Trichloroethane	1.	ND
Chlorobenzene	1.	ND
Dibromochloromethane	1.	ND
Bromoform	1.	ND
1,1,2,2-Tetrachloroethane	1.	ND

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FEB - 2

February 2, 1989

WOODWARD-CLYDE CONSULTANTS
203 North Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allistair Callendar

ANALYSIS NO.: G-8902610-001/002
ANALYSES: Miscellaneous
DATE SAMPLED: 12-JAN-1989/13-JAN-1989
DATE SAMPLE REC'D: 26-JAN-1989
PROJECT: #8840484A 2000
14041 E. Live Oak Avenue
Irwindale, CA

Enclosed with this letter is the partial report on the chemical and physical analyses on the samples from ANALYSIS NO: G-8902610-001/002 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Solid samples are reported on an "as received" basis.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

Verbals for all results excluding EPA Method 8270 and Bioassay were given on January 31, 1989 at 4:00 P.M. to Mr. Callendar. Results for EPA Method 8270 were given on February 1, 1989 to Dot Nelson.

Please note Bioassay results will follow.

Myung J. Kim
REVIEWED

APPROVED

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Laboratory Report

WOODWARD-CLYDE CONSULTANTS
5055 Antioch Road
Overland Park, KS 66203
ATTN: MR. ALISTER CALLENDER

Analysis No.: G-8902610-001
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 26-JAN-1989
Date Analyzed: 27-JAN-1989
Sample Type: SOLID

Project: #8840484A 2000 (14041 E. LIVE OAK AVE.,IRWINDALE)
Sample ID: C7-17-23

Analysis	Units	Result	Blank	Detection Limit
Flash Point (EPA 1010)	degrees F	ND	ND	200
pH (EPA 9045)	units	9.13	N/A	N/A

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Laboratory Report

WOODWARD-CLYDE CONSULTANTS
5055 Antioch Road
Overland Park, KS 66203
ATTN: MR. ALISTER CALLENDER

Analysis No.: G-8902610-001
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 26-JAN-1989
Date Analyzed: 27-JAN-1989
Sample Type: SOLID

Project: #8840484A 2000 (14041 E. LIVE OAK AVE.,IRWINDALE)
Sample ID: C7-17-23

Purgeable Organics, EPA 8240

Units: ug/kg

Analysis	Result	Blank	Detection Limit
Chloromethane	ND	ND	50
Bromomethane	ND	ND	50
Vinyl Chloride	ND	ND	50
Chloroethane	ND	ND	50
Methylene Chloride	ND	ND	20
Acetone	ND	ND	50
Carbon Disulfide	ND	ND	20
1,1-Dichloroethene	ND	ND	20
1,1-Dichloroethane	ND	ND	20
trans-1,2-Dichloroethene	ND	ND	20
Chloroform	ND	ND	20
1,2-Dichloroethane	ND	ND	20
2-Butanone	ND	ND	50
1,1,1-Trichloroethane	ND	ND	20
Carbon Tetrachloride	ND	ND	20
Vinyl Acetate	ND	ND	50
Bromodichloromethane	ND	ND	20
1,2-Dichloropropane	ND	ND	20
trans-1,3-Dichloropropene	ND	ND	20
Trichloroethene	ND	ND	20
Dibromochloromethane	ND	ND	20
1,1,2-Trichloroethane	ND	ND	20
Benzene	ND	ND	20
cis-1,3-Dichloropropene	ND	ND	20
2-Chloroethylvinyl ether	ND	ND	50
Bromoform	ND	ND	20
4-Methyl-2-pentanone	ND	ND	50
2-Hexanone	ND	ND	50
Tetrachloroethene	ND	ND	20
1,1,2,2-Tetrachloroethane	ND	ND	20
Toluene	47.	ND	20
Chlorobenzene	ND	ND	20
Ethylbenzene	29.	ND	20
Styrene	ND	ND	20
Xylene, Total	ND	ND	20

NOTE: Higher detection limits due to matrix interference.

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Laboratory Report

WOODWARD-CLYDE CONSULTANTS
5055 Antioch Road
Overland Park, KS 66203
ATTN: MR. ALISTER CALLENDER

Analysis No.: G-8902610-001
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 26-JAN-1989
Date Analyzed: 1-FEB-1989
Date Extracted: 26-JAN-1989
Sample Type: SOLID

Project: #8840484A 2000 (14041 E. LIVE OAK AVE., IRWINDALE)
Sample ID: C7-17-23

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Analysis	Result	Blank	Detection Limit
Phenol	ND	ND	3.3
bis(2-Chloroethyl)ether	ND	ND	3.3
2-Chlorophenol	ND	ND	3.3
1,3-Dichlorobenzene	ND	ND	3.3
1,4-Dichlorobenzene	ND	ND	3.3
Benzyl alcohol	ND	ND	3.3
1,2-Dichlorobenzene	ND	ND	3.3
2-Methylphenol	ND	ND	3.3
bis(2-Chloroisopropyl)ether	ND	ND	3.3
4-Methylphenol	ND	ND	3.3
N-Nitroso-di-n-propylamine	ND	ND	3.3
Hexachloroethane	ND	ND	3.3
Nitrobenzene	ND	ND	3.3
Isophorone	ND	ND	3.3
2-Nitrophenol	ND	ND	3.3
2,4-Dimethylphenol	ND	ND	3.3
Benzoic acid	ND	ND	16.7
bis(2-Chloroethoxy)methane	ND	ND	3.3
2,4-Dichlorophenol	ND	ND	3.3
1,2,4-Trichlorobenzene	ND	ND	3.3
Naphthalene	ND	ND	3.3
4-Chloroaniline	ND	ND	3.3
Hexachlorobutadiene	ND	ND	3.3
4-Chloro-3-methylphenol	ND	ND	3.3
2-Methylnaphthalene	ND	ND	3.3
Hexachlorocyclopentadiene	ND	ND	3.3
2,4,6-Trichlorophenol	ND	ND	3.3
2,4,5-Trichlorophenol	ND	ND	16.7
2-Chloronaphthalene	ND	ND	3.3
2-Nitroaniline	ND	ND	16.7
Dimethylphthalate	ND	ND	3.3
Acenaphthylene	ND	ND	3.3
3-Nitroaniline	ND	ND	16.7
Acenaphthene	ND	ND	3.3
2,4-Dinitrophenol	ND	ND	16.7
4-Nitrophenol	ND	ND	16.7

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FAX: (714) 891-5917

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Laboratory Report

WOODWARD-CLYDE CONSULTANTS
5055 Antioch Road
Overland Park, KS 66203
ATTN: MR. ALISTER CALLENDER

Analysis No.: G-8902610-001
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 26-JAN-1989
Date Analyzed: 1-FEB-1989
Date Extracted: 26-JAN-1989
Sample Type: SOLID

Project: #8840484A 2000 (14041 E. LIVE OAK AVE.,IRWINDALE)
Sample ID: C7-17-23

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Analysis	Result	Blank	Detection Limit
Dibenzofuran	ND	ND	3.3
2,4-Dinitrotoluene	ND	ND	3.3
2,6-Dinitrotoluene	ND	ND	3.3
Diethylphthalate	ND	ND	3.3
4-Chlorophenyl-phenylether	ND	ND	3.3
Fluorene	ND	ND	3.3
4-Nitroaniline	ND	ND	16.7
4,6-Dinitro-2-methylphenol	ND	ND	16.7
N-Nitrosodiphenylamine	ND	ND	3.3
4-Bromophenyl-phenylether	ND	ND	3.3
Hexachlorobenzene	ND	ND	3.3
Pentachlorophenol	ND	ND	16.7
Phenanthrene	ND	ND	3.3
Anthracene	ND	ND	3.3
Di-n-butylphthalate	ND	ND	3.3
Fluoranthene	ND	ND	3.3
Pyrene	ND	ND	3.3
Butylbenzylphthalate	ND	ND	3.3
3,3'-Dichlorobenzidine	ND	ND	6.7
Benzo(a)anthracene	ND	ND	3.3
bis(2-Ethylhexyl)phthalate	ND	ND	3.3
Chrysene	ND	ND	3.3
di-n-Octylphthalate	ND	ND	3.3
Benzo(b)fluoranthene	ND	ND	3.3
Benzo(k)fluoranthene	ND	ND	3.3
Benzo(a)pyrene	ND	ND	3.3
Indeno(1,2,3-cd)pyrene	ND	ND	3.3
Dibenz(a,h)anthracene	ND	ND	3.3
Benzo(g,h,i)perylene	ND	ND	3.3

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Laboratory Report

WOODWARD-CLYDE CONSULTANTS
5055 Antioch Road
Overland Park, KS 66203
ATTN: MR. ALISTER CALLENDER

Analysis No.: G-8902610-002
Date Sampled: 12-JAN-1989
Date Sample Rec'd: 26-JAN-1989
Date Analyzed: 27-JAN-1989
Sample Type: SOLID

Project: #8840484A 2000 (14041 E. LIVE OAK AVE.,IRWINDALE)
Sample ID: C5B-16

Analysis	Units	Result	Blank	Detection Limit
Flash Point (EPA 1010)	degrees F	ND	ND	200
pH (EPA 9045)	units	8.74	N/A	N/A

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Laboratory Report

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Overland Park, KS 66203
ATTN: MR. ALISTER CALLENDER

Analysis No.: G-8902610-002
Date Sampled: 12-JAN-1989
Date Sample Rec'd: 26-JAN-1989
Date Analyzed: 27-JAN-1989
Sample Type: SOLID

Project: #8840484A 2000 (14041 E. LIVE OAK AVE.,IRWINDALE)
Sample ID: C5B-16

Purgeable Organics, EPA 8240

Units: ug/kg

Analysis	Result	Blank	Detection Limit
Chloromethane	ND	ND	50
Bromomethane	ND	ND	50
Vinyl Chloride	ND	ND	50
Chloroethane	ND	ND	50
Methylene Chloride	ND	ND	20
Acetone	*60.	ND	50
Carbon Disulfide	ND	ND	20
1,1-Dichloroethene	ND	ND	20
1,1-Dichloroethane	ND	ND	20
trans-1,2-Dichloroethene	ND	ND	20
Chloroform	ND	ND	20
1,2-Dichloroethane	ND	ND	20
2-Butanone	ND	ND	50
1,1,1-Trichloroethane	27.	ND	20
Carbon Tetrachloride	ND	ND	20
Vinyl Acetate	ND	ND	50
Bromodichloromethane	ND	ND	20
1,2-Dichloropropane	ND	ND	20
trans-1,3-Dichloropropene	ND	ND	20
Trichloroethene	ND	ND	20
Dibromochloromethane	ND	ND	20
1,1,2-Trichloroethane	ND	ND	20
Benzene	ND	ND	20
cis-1,3-Dichloropropene	ND	ND	20
2-Chloroethylvinyl ether	ND	ND	50
Bromoform	ND	ND	20
4-Methyl-2-pentanone	ND	ND	50
2-Hexanone	ND	ND	50
Tetrachloroethene	ND	ND	20
1,1,2,2-Tetrachloroethane	ND	ND	20
Toluene	62.	ND	20
Chlorobenzene	ND	ND	20
Ethylbenzene	29.	ND	20
Styrene	ND	ND	20
Xylene, Total	ND	ND	20

* At a level that could be attributable to laboratory or field contamination.

NOTE: Higher detection limits due to matrix interference.

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Laboratory Report

WOODWARD-CLYDE CONSULTANTS
5055 Antioch Road
Overland Park, KS 66203
ATTN: MR. ALISTER CALLENDER

Analysis No.: G-8902610-002
Date Sampled: 12-JAN-1989
Date Sample Rec'd: 26-JAN-1989
Date Analyzed: 1-FEB-1989
Date Extracted: 26-JAN-1989
Sample Type: SOLID

Project: #8840484A 2000 (14041 E. LIVE OAK AVE.,IRWINDALE)
Sample ID: C5B-16

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Analysis	Result	Blank	Detection Limit
Phenol	ND	ND	3.3
bis(2-Chloroethyl)ether	ND	ND	3.3
2-Chlorophenol	ND	ND	3.3
1,3-Dichlorobenzene	ND	ND	3.3
1,4-Dichlorobenzene	ND	ND	3.3
Benzyl alcohol	ND	ND	3.3
1,2-Dichlorobenzene	ND	ND	3.3
2-Methylphenol	ND	ND	3.3
bis(2-Chloroisopropyl)ether	ND	ND	3.3
4-Methylphenol	ND	ND	3.3
N-Nitroso-di-n-propylamine	ND	ND	3.3
Hexachloroethane	ND	ND	3.3
Nitrobenzene	ND	ND	3.3
Isophorone	ND	ND	3.3
2-Nitrophenol	ND	ND	3.3
2,4-Dimethylphenol	ND	ND	3.3
Benzoic acid	ND	ND	16.7
bis(2-Chloroethoxy)methane	ND	ND	3.3
2,4-Dichlorophenol	ND	ND	3.3
1,2,4-Trichlorobenzene	ND	ND	3.3
Naphthalene	ND	ND	3.3
4-Chloroaniline	ND	ND	3.3
Hexachlorobutadiene	ND	ND	3.3
4-Chloro-3-methylphenol	ND	ND	3.3
2-Methylnaphthalene	ND	ND	3.3
Hexachlorocyclopentadiene	ND	ND	3.3
2,4,6-Trichlorophenol	ND	ND	3.3
2,4,5-Trichlorophenol	ND	ND	16.7
2-Chloronaphthalene	ND	ND	3.3
2-Nitroaniline	ND	ND	16.7
Dimethylphthalate	ND	ND	3.3
Acenaphthylene	ND	ND	3.3
3-Nitroaniline	ND	ND	16.7
Acenaphthene	ND	ND	3.3
2,4-Dinitrophenol	ND	ND	16.7
4-Nitrophenol	ND	ND	16.7

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Laboratory Report

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Overland Park, KS 66203
ATTN: MR. ALISTER CALLENDER

Analysis No.: G-8902610-002
Date Sampled: 12-JAN-1989
Date Sample Rec'd: 26-JAN-1989
Date Analyzed: 1-FEB-1989
Date Extracted: 26-JAN-1989
Sample Type: SOLID

Project: #8840484A 2000 (14041 E. LIVE OAK AVE.,IRWINDALE)
Sample ID: CSB-16

Base/Neutrals & Acids EPA 8270

Units: mg/kg

Analysis	Result	Blank	Detection Limit
Dibenzofuran	ND	ND	3.3
2,4-Dinitrotoluene	ND	ND	3.3
2,6-Dinitrotoluene	ND	ND	3.3
Diethylphthalate	ND	ND	3.3
4-Chlorophenyl-phenylether	ND	ND	3.3
Fluorene	ND	ND	3.3
4-Nitroaniline	ND	ND	16.7
4,6-Dinitro-2-methylphenol	ND	ND	16.7
N-Nitrosodiphenylamine	ND	ND	3.3
4-Bromophenyl-phenylether	ND	ND	3.3
Hexachlorobenzene	ND	ND	3.3
Pentachlorophenol	ND	ND	16.7
Phenanthrene	ND	ND	3.3
Anthracene	ND	ND	3.3
Di-n-butylphthalate	ND	ND	3.3
Fluoranthene	ND	ND	3.3
Pyrene	ND	ND	3.3
Butylbenzylphthalate	ND	ND	3.3
3,3'-Dichlorobenzidine	ND	ND	6.7
Benzo(a)anthracene	ND	ND	3.3
bis(2-Ethylhexyl)phthalate	ND	ND	3.3
Chrysene	ND	ND	3.3
di-n-Octylphthalate	ND	ND	3.3
Benzo(b)fluoranthene	ND	ND	3.3
Benzo(k)fluoranthene	ND	ND	3.3
Benzo(a)pyrene	ND	ND	3.3
Indeno(1,2,3-cd)pyrene	ND	ND	3.3
Dibenz(a,h)anthracene	ND	ND	3.3
Benzo(g,h,i)perylene	ND	ND	3.3

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Laboratory Report

WOODWARD-CLYDE CONSULTANTS
5055 Antioch Road
Overland Park, KS 66203
ATTN: MR. ALISTER CALLENDER

Analysis No.: G-8902610-001/002
Date Sampled: 13-JAN-1989 /12-JAN-1989
Date Sample Rec'd: 26-JAN-1989
Sample Type: SOLID
Project: #8840484A 2000 (14041 E. LIVE OAK AVE.,IRWINDALE)

QA/QC Summary

Date	Parameter (Method)	Average Matrix Spike Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
27-JAN-1989	1,1-DICHLOROETHENE (EPA 8240)	83	59-172	15.	22
27-JAN-1989	BENZENE (EPA 8240)	93	66-142	11.	21
27-JAN-1989	CHLOROBENZENE (EPA 8240)	104	60-133	14.	21
27-JAN-1989	TOLUENE (EPA 8240)	111	59-139	11.	21
27-JAN-1989	TRICHLOROETHENE (EPA 8240)	93	62-137	13.	24
1-FEB-1989	1,2,4-TRICHLOROBENZENE (EPA 8270)	67	11-100	14.	42
1-FEB-1989	1,4-DICHLOROBENZENE (EPA 8270)	64	7-100	17.	42
1-FEB-1989	2-CHLOROPHENOL (EPA 8270)	62	9-100	19.	45
1-FEB-1989	4-CHLORO-3-METHYLPHENOL (EPA 8270)	61	0-100	7.	32

The Report Cover Letter is an integral part of this report.
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CHEMICAL RESEARCH LABORATORIES, INC.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way ● Garden Grove CA 92641
(714)898 6370 ● FAX (714)891 5917 ● (800)LAB 1CRL

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY
- MOBILE LAB

CHAIN OF CUSTODY RECORD

Date 1/26/89 Page 1 of 1

CLIENT: WOODWARD - CLYDE CONSULTANTS

ADDRESS: 207 N. GOLDEN CIRCLE DR.
SANTA ANA, CA. 92705

PROJECT MANAGER: MR. ALLISTAIR CALLENDER

PHONE NUMBER: (714) 875-6556

PROJECT NAME: #8840484A - 2000
14041 E. 4TH OAK AVE., IRWINDALE

SAMPLERS: (Signature)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO OF CNTNRS	TESTS REQUIRED
MOBILE LAB # 3011389 - 2	C7-17-(23)	1/13/89					✓	1-8 oz. jar	8240, 8270, pH, IGNIT, BIOASSAY
~~8 ↓ -17~~	~~C9-2-(20)~~	↓					✓	1-4 oz. jar	↓ ↓ ↓ ↓ ↓
3011289-11	C5B-16	1/12/89					✓	1-8 oz. jar	8240, 8270, pH, IGNIT, BIOASSAY
							RUSH		RESULTS TUESDAY A.M.

Relinquished by: (Signature)	Received by: (Signature)	CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	1. Client retrieved _____ by _____ 2. Lab Disposal _____ by _____	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	3. Store for _____ days by _____ 4. Other _____ by _____	Date/Time
Dispatched by: (Signature) [signature] Cornejo	Date/Time 1-26-89/12:00	Received for Laboratory by: [signature]	Date/Time 1/26/89 12:00

Method of Shipment: SAMPLES transferred from CRL MOBILE TO CRL IN HOUSE EAB

Special Instructions: * These samples & tests provided by Allistair Callender per [illegible] 1/26/89.

I hereby authorize the performance of the above indicated work

SOURCE: Adapted from U.S. EPA 1985

CCR 100

DISTRIBUTION: White with report. Yellow to CRL. Pink to Customer. Gold to Sample Control.

Enseco

CRL Environmental - Mobile Laboratories
7440 Lincoln Way • Garden Grove, CA 92641
(213) 598-0458 • (714) 898-6370 • (800) LAB-1-CRL
FAX: (714) 891-5917

LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callendar

ANALYSIS NO.: 012789-1/20
DATE SAMPLED: 01/27/89
DATE REC'D: 01/27/89
BATCH: 492
MATRIX: Soil

PROJECT:
United Concrete, 14041 E. Live Oak Ave., Irwindale

Test: Total Recoverable Petroleum Hydrocarbons (EPA418.1)

Units: mg/kg

Sample Identification	Detection Limit	Results
B-1-1	1.	159.
B-1-2	1.	153.
B-1-3	1.	58.
B-1-4	1.	28.
BIS-1	1.	178.
BIS-2	1.	303.
C-7PILE-1	1.	700.
B-1-5	1.	13.
B-1-6	1.	6.
B-2-1	1.	5260.
B-2-2	1.	4800.
B-2-3	1.	2940.
B-2-4	1.	662.
B-2-5	1.	18.
B-2-6	1.	18.

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Enseco

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7440 Lincoln Way • Garden Grove, CA 92641
(213) 598-0458 • (714) 898-6570 • (800) LAB-i-CRL
FAX: (714) 891-5917

LABORATORY REPORT

TO:
Woodward-Clyde Consultants
203 N. Golden Circle Drive
Santa Ana, CA 92705
ATTN: Mr. Allister Callendar

ANALYSIS NO.: 012789-1/20
DATE SAMPLED: 01/27/89
DATE REC'D: 01/27/89
BATCH: 492
MATRIX: Soil

PROJECT:
United Concrete, 14041 E. Live Oak Ave., Irwindale

Test: Total Recoverable Petroleum Hydrocarbons (EPA418.1)

Units: mg/kg

Sample Identification	Detection Limit	Results
C-3PILE-1	1.	10400.
B-3-1	1.	149.
C-10PILE-1	1.	4630.
B-3-2	1.	106.
B-3-3	1.	11.

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Enseco - Mobile Laboratories
7440 Lincoln Way ● Garden Grove, CA 92641
(714) 898-6370 ● (800) ENSECO-8
FAX: (714) 893-6709

11-JUN-90

WOODWARD-CLYDE
203 N. GOLDEN CIRCLE DR.
SANTA ANA, CA 92705

BATCH: N1017
ANALYSES: TEPH

ATTN: MR. TOM ZDEB

PROJECT: UNITED CONCRETE PIPE

Enclosed with this letter is the report on the analyses performed on samples M-N060690-001/012.

The samples were received by Enseco intact and with the chain-of-custody record attached.

Please note that ND means not detected at the detection limit stated.

Dot Kammeyer
REVIEWED AND APPROVED

6-11-90
DATE

The Report Cover Letter is an integral part of this report.
This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of the Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Enseco
A CORNING Company

Laboratory Report

WOODWARD-CLYDE
203 N. GOLDEN CIRCLE DR.
SANTA ANA, CA 92705
ATTN: MR. TOM ZDEB

Analysis No.: M-NO60690-001/012
Date Sampled: 6-JUN-1990
Date Sample Rec'd: 6-JUN-1990
Date Analyzed: 6-JUN-1990
Sample Type: SOLID

Project: UNITED CONCRETE PIPE

Sample ID	TPH, Extractable mg/kg EPA 8015
M2	ND(10)
M6	230.
S2	53.
S6	21.
E2	70.
E6	27.
MC2	49.
MC6	120.
MN2	125.
MN6	480.
S3	140.
E3.5	ND(10)
Blank	ND(10)

Enseco
A CORNING Company

Laboratory Report

WOODWARD-CLYDE
203 N. GOLDEN CIRCLE DR.
SANTA ANA, CA 92705
ATTN: MR. TOM ZDEB
Project: UNITED CONCRETE PIPE

Analysis No.: M-N060690-001/012
Date Sampled: 6-JUN-1990
Date Sample Rec'd: 6-JUN-1990
Sample Type: SOLID

Matrix Spike/Matrix Spike Duplicate Report

Sample Number	Parameter (Method)	Units	Observed Concentration Sample	MS	MSD	Amt. Spiked	% Recovery MS	MSD	Avg.	% RPD
N060690-001	TPH, EXTRACTABLE (EPA 8015)	mg/kg	0	109.7	117.7	100	110	118	114	7

Enseco
A CORNING Company

Matrix Spike/Matrix Spike Duplicate Report Cross-Reference

QC Batch	Date	Parameter (Method)	Sample Nos.
N060690-001	6-JUN-1990	TPH, EXTRACTABLE (EPA 8015)	M-N060690-001
			M-N060690-002
			M-N060690-003
			M-N060690-004
			M-N060690-005
			M-N060690-006
			M-N060690-007
			M-N060690-008
			M-N060690-009
			M-N060690-010
			M-N060690-011
			M-N060690-012

Enseco
A CORNING Company

☐ 7440 Lincoln Way, Garden Grove, CA 92641, (714) 898-6370
☐ 2810 Bunsen Ave., Unit A Ventura, CA 93003, (805) 650-0546
☐ 2325 Skyway Dr., Unit K, Santa Maria, CA 93455, (805) 922-2776
☐ 9537 Telstar Ave., Unit 118, El Monte, CA 91731, (818) 442-8400
☒ Mobile Labs, (800) ENSECO-8

CHAIN OF CUSTODY RECORD

Date 6/6/90 Page 1 of 2

Lab Number 1

CLIENT WOODWARD CLYDE - SA

ADDRESS

PROJECT NAME 14041 E. CIVE OAK AVE, BALDWIN PARK - UNITED CONCRETE PIPE

CONTRACT / PURCHASE ORDER / QUOTE #

PROJECT MANAGER

PHONE NUMBER

SITE CONTACT TOM ZDEB

ANALYSES

Sample No. / Identification	Date	Time	Lab Sample Number	SAMPLE TYPE LIQ.	AIR	SOLID	No. of Containers	8015 TEPH							Sample Condition/ REMARKS
M2	6/6/90	8:38	N060690-1			X	1	X							
MC	"	"	-2			X	1	X							
S2	"	"	-3			X	1	X							
S6	"	"	-4			X	1	X							
E2	"	"	-5			X	1	X							
E6	"	"	-6			X	1	X							
MC2	"	"	-7			X	1	X							
MC6	"	"	-8			X	1	X							
MN2	"	8:56	-9			X	1	X							
MN6	"	"	-10			X	1	X							

SAMPLERS: (Signature) [signature]

Relinquished by: (Signature)

Received by: (Signature) Date Time

Received by: (Signature) Date Time

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Enseco Terms and Conditions, unless a contract or purchase order has been executed and is cited above.

Relinquished by: (Signature) Date Time

Received for Laboratory by: [signature]

Date	RECEIVED	Time	Date	ACCEPTED	Time
6/6/90	AS SAMPLED				

Method of Shipment:

Special Instructions:

SAMPLE DISPOSITION:
1. Storage time requested: _____ days
(Samples will be stored for 30 days without additional charges; thereafter storage charges will be billed at the published rates.)
2. Sample to be returned to client: Y N
(Enseco will dispose of unreturned samples at no extra charge. Disposal will be by incineration wherever possible; otherwise, as appropriate, according to legal requirements.)

DISTRIBUTION: White with report, Yellow to Enseco, Pink to Courier, Gold to Sample Control

Enseco
A CORNING Company

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☐ 2810 Bunsen Ave., Unit A Ventura, CA 93003, (805) 650-0546
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☐ 9537 Telstar Ave., Unit 118, El Monte, CA 91731, (818) 442-6400
☒ Mobile Labs, (800) ENSECO 6

CHAIN OF CUSTODY RECORD

Date 6/6/90 Page 2 of 2

Lab Number 1

CLIENT WOODWARD CLYDE - SA

ADDRESS

PROJECT NAME 14641 E. LIVE OAK AVE. BALDWIN PARK - UNITED CONCRETE PIPE

CONTRACT / PURCHASE ORDER / QUOTE #

PROJECT MANAGER

PHONE NUMBER

SITE CONTACT TOM ZDEB

ANALYSES

Sample No. / Identification	Date	Time	Lab Sample Number	SAMPLE TYPE LIQ.	AIR	SOLID	No. of Containers	8015 TEPH							Sample Condition/ REMARKS
S 3	6/6/90	14:04	N060690-11			X	1	X							
E 3,5	"	16:10	-12			X	1	X							

SAMPLERS: (Signature) [signature]

Relinquished by: (Signature)

Received by: (Signature) Date Time

Received by: (Signature) Date Time

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Enseco Terms and Conditions, unless a contract or purchase order has been executed and is cited above.

Relinquished by: (Signature) Date Time

Received for Laboratory by: [signature] Date 6/6/90 RECEIVED AS SAMPLED Time Date ACCEPTED Time

Method of Shipment:

Special Instructions:

SAMPLE DISPOSITION:
1. Storage time requested: _____ days
(Samples will be stored for 30 days without additional charges; thereafter storage charges will be billed at the published rates.)
2. Sample to be returned to client: Y N
(Enseco will dispose of unreturned samples at no extra charge. Disposal will be by incineration wherever possible; otherwise, as appropriate, according to legal requirements.)

DISTRIBUTION: White with report, Yellow to Enseco, Pink to Courier, Gold to Sample Control

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: 1

PAGE 1 OF 4

DATE 12/28/88

PROJECT NAME: United Concrete

PROJECT NO.: 8840472 A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
Q-1	North	H2O		VOA Glass	~4°C	None	* 8240
Q-2	South			"			8240
P-1	South			"			
P-2	North			"			8240
P-2 (dup)	North			"			
Z-1	East			"			
Q-1	North			Plastic Bottle			CAM
Q-2	South			"			CAM
P-1	South			"			
P-2	North			"			CAM
P-2 dup	North			"			CAM
Mud-ConCut	—	Mud		Soil Jar	~4°C	None.	
Q Surf		Soil		Soil Jar			8240
Q Surf (dup)							
Q-2							8015M, PCBs
Q-2 (dup)							

Afternote on FanCopy Trip Blank

Total Number of Samples Shipped: 64 | Sampler's Signature: [signature]

Relinquished By:	Received By:	Date / Time
Signature: [signature]	Signature: MSTOUT	Date: 12/28/88
Printed Name: Tom Zdeh	Printed Name: MSTOUT	Time: 600
Company: WCC	Company: WCAS	
Reason: Carry to Lab		
Relinquished By:	Received By: #11660	Date: / /
Signature:	Signature:	Time:
Printed Name:	Printed Name:	
Company:	Company:	
Reason:		
Relinquished By:	Received By:	Date: / /
Signature:	Signature:	Time:
Printed Name:	Printed Name:	
Company:	Company:	
Reason:		
Relinquished By:	Received By:	Date: / /
Signature:	Signature:	Time:
Printed Name:	Printed Name:	
Company:	Company:	
Reason:		

Special Shipment / Handling / Storage Requirements:

* For required analyses — Call/see Dr. Callendar on 12/29/88 at WCC 714 835 6886.

* Note — This does not constitute authorization to proceed with analysis

LA/OR-0183-421

Woodward-Clyde Consultants

CHAIN OF CUSTODY RECORD

SHIPMENT NO.: 1
PAGE 2 OF 4
DATE 12/28/88

PROJECT NAME: United Concrete
PROJECT NO.: 8840472A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
G-1	Steam	Soil		Soil Jar	~4°C	None	See pg 1 8240
G-1 dup	Steam						
P-11	South						8240 CAM metals
P-12 (dup)	South						
P-2	North						8240, CAM metals
P-2 (dup)	North						
PB-Surf dup	—						
PB-Surf	—						CAM metals
L-Surf	—						8240
L-Surf (dup) 1	—						
L-Surf (dup) 2	—						
L-Surf (dup) 3	—						
L-2	—						8240
L-2 dup	—						
B-Surf	Sump						8015M
B-Surf (dup)	Sump						
B-5	Sump						8015M
B-5 (dup)	Sump						8015M

Total Number of Samples Shipped: 64 | Sampler's Signature: [signature]

Relinquished By:	Received By:	Date / Time
Signature: [signature]	Signature: [signature]	Date: 12/28/88
Printed Name: Tom [illegible]	Printed Name: [illegible]	Time: 605.
Company: WCC	Company: WCAS.	
Reason: Carry to Lab		

Relinquished By:	Received By:	Date / Time
Signature:	Signature: #11660	Date: / /
Printed Name:	Printed Name:	Time:
Company:	Company:	
Reason:		

Relinquished By:	Received By:	Date / Time
Signature:	Signature:	Date: / /
Printed Name:	Printed Name:	Time:
Company:	Company:	
Reason:		

Relinquished By:	Received By:	Date / Time
Signature:	Signature:	Date: / /
Printed Name:	Printed Name:	Time:
Company:	Company:	
Reason:		

Special Shipment / Handling / Storage Requirements:

* Note — This does not constitute authorization to proceed with analysis

LA/OR-0183-421

Woodward-Clyde Consultants

SHIPMENT NO.: 1

CHAIN OF CUSTODY RECORD

PAGE 3 OF 4

DATE 12/28/88

PROJECT NAME: United Concrete

PROJECT NO.: 8840472A

Sample Number	Location	Type of Sample: Material	Type of Sample: Method	Type of Container	Type of Preservation: Temp	Type of Preservation: Chemical	Analysis Required*
KC2-Surf	—	Soil		Soil Jar	~4°C	None	See pg 1 8015
KC2-Surf (dup)	—						
KC2-51	—						8240
KC2-52 (dup)	—						
KC2-15	—						8240
KC2-15 (dup)	—						
Q-21	Pond						8240
Q-22 (dup)	Pond						
Q-1	Tracks						8015
Q-1 (dup 1)	Tracks						8240
Q-1 (dup 2)	Tracks						
Q-1 (dup 3)	Tracks						
Q-1 (dup 4)	Tracks						
C4 Surf	—						8015
C4 Surf (dup)	—						
C4-5	—						8240
C4-15	—						
C4-15 (dup)	—						8240
M-51	—						Cannetals, 8240
M-52 (dup)	—						

Total Number of Samples Shipped: 64 | Sampler's Signature: T. Zdeb

Relinquished By:	Received By:	Date / Time
Signature: Tom Zdeb Printed Name: Tom Zdeb Company: WCS Reason: Carry to Lab	Signature: M STONT Printed Name: M STONT Company: WCAS	Date: 12/28/88 Time: 605
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company: #11660	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:
Signature: Printed Name: Company: Reason:	Signature: Printed Name: Company:	Date: / / Time:

Special Shipment / Handling / Storage Requirements:

* Note — This does not constitute authorization to proceed with analysis

LA/OR-0183-42

CHAIN OF CUSTODY — Pg 4 of 4

Client : Woodward Clyde
Address : Santa Ana
Telephone : 714 835 6886

Date: 12/28/88
Project No: 8840472 A
Project Name: United Concrete
Contact: Alistaire Callender

Sample No.	Sample Information — Type of Sample Material / Container	Analysis Required
M-Surf	Soil in Soil Jar, at ~4°C (8240)	See pg 1 - Woodward Clyde Chain of Custody which says call Alistaire Callender of WCC.
M-Surf (dup)		
C3 Surf	(8015)	
C3 Surf (dup)		
C3-7	(8240)	
C3-7-dup		
C3-12	(8015 / 4181)	
C3-12 (dup 1)		
C3-12 (dup 2)		
C3-12 (dup 3)		

Total Number of Samples recieved : 64

Sample Condition

Circle/Fill-in appropriate response

1. **Custody Seal was;**
   Present / Absent
   Intact / Not Intact
   Agency Seal, _____ (Name of Agency)

2. **Samples received damaged and/or missing. Describe on back.**

Relinquished By:

Signature: Tom Zdeb
Printed Name: Tom Zdeb
Company: WCC

Received By:

Signature: [illegible]
Printed Name: [illegible]
Company: WCAS
West Coast Analytical Service
(213) 948-2225

Date/Time: 12-28-8 615
Job Number: 1660

Special Shipment, Handling, Storage requirements:
Call Alistaire Callender of WCC - 714 835 6886.

(3/88)

January 3, 1989

RECEIVED
JAN 6

WCAS
WEST COAST
ANALYTICAL
SERVICE, INC.

WOODWARD-CLYDE CONSULTANTS
203 N. Golden Circle Drive
Santa Ana, CA 92705

Attn: Dr. Alistaire Callender

JOB NO. 11650 A

LABORATORY REPORT

Samples Received: Nineteen (19) soil samples
Date Received: 12-27-88
Purchase Order No: Proj#: 8840472A/United Concrete

The samples were analyzed as follows:

Samples Analyzed	Analysis	Results
Five (5) soils	Volatile Organics by EPA 8240	Data Sheets
Two (2) soils	PCB's by EPA 8080	Table I
Two (2) soils	Fuel Hydrocarbons by modified EPA 8015 (LUFT Manual, May 1988)	Table II
Three (3) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table III

Michael Shelton
Senior Chemist

D. J. Northington, Ph.D.
Technical Director

9840 Alburtis Avenue • Santa Fe Springs, California 90670 • 213/948-2225

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 11650
January 3, 1989

LABORATORY REPORT

TABLE I

Parts Per Million (ug/g)

Sample No.	PCB's
J3-Surf	ND
J3-5	ND
Detection Limit	1

ND-Not Detected

Date Analyzed: 12-28-88

TABLE II

Parts Per Million (ug/g)

Sample No.	Gasoline	Diesel Fuel	Kerosene	Mineral Spirits	$C_{15}-C_{30}$ Hydrocarbons
D-Surf 1	ND	ND	ND	ND	53000
D-Surf 2	ND	ND	ND	ND	19000
Detection Limit	10	10	10	10	100

ND-Not Detected

Date Analyzed: 12-30-88

WEST COAST ANALYTICAL SERVICE, INC.

WOODWARD-CLYDE CONSULTANTS
Dr. Alistaire Callender

Job # 11650
January 3, 1989

LABORATORY REPORT

TABLE III

Parts Per Million (ug/g)

Sample No.	Total Petroleum Hydrocarbons
C1-51	300
C1-151	ND
C1-Surf 1	150000
Detection Limit	10

ND-Not Detected

Date Analyzed: 12-29-88

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C1-51
WCAS JOB #: 11650

DATE RECEIVED: 12/28/88 RUN NUMBER: 11650V6
DATE EXTRACTED: 12/30/88 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 12/30/88 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C1-51
WCAS JOB #: 11650

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C1-151
WCAS JOB #: 11650

DATE RECEIVED: 12/28/88 RUN NUMBER: 11650V3
DATE EXTRACTED: 12/30/88 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 12/30/88 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C1-151
WCAS JOB #: 11650

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C1-SURF1
WCAS JOB #: 11650

DATE RECEIVED: 12/28/88 RUN NUMBER: 11650V9
DATE EXTRACTED: 12/30/88 SAMPLE AMOUNT: 10G:10ML,25UL
DATE ANALYZED: 12/30/88 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	2000.
71-43-2	BENZENE	ND	200.
75-27-4	BROMODICHLOROMETHANE	ND	200.
75-25-2	BROMOFORM	ND	200.
74-83-9	BROMOMETHANE	ND	1000.
78-93-3	2-BUTANONE (MEK)	ND	2000.
75-15-0	CARBON DISULFIDE	ND	200.
56-23-5	CARBON TETRACHLORIDE	ND	200.
108-90-7	CHLOROBENZENE	ND	200.
75-00-3	CHLOROETHANE	ND	1000.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	2000.
67-66-3	CHLOROFORM	ND	200.
74-87-3	CHLOROMETHANE	ND	1000.
108-41-8	CHLOROTOLUENE	ND	200.
124-48-1	DIBROMOCHLOROMETHANE	ND	200.
95-50-1	1,2-DICHLOROBENZENE	ND	200.
541-73-1	1,3-DICHLOROBENZENE	ND	200.
106-46-7	1,4-DICHLOROBENZENE	ND	200.
75-34-3	1,1-DICHLOROETHANE	ND	200.
107-06-2	1,2-DICHLOROETHANE	ND	200.
75-35-4	1,1-DICHLOROETHYLENE	ND	200.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	200.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	200.
78-87-5	1,2-DICHLOROPROPANE	ND	200.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	200.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	200.
100-41-4	ETHYLBENZENE	ND	200.
106-93-4	ETHYLENE DIBROMIDE	ND	200.
76-13-1	FREON-TF	ND	200.
119-78-6	2-HEXANONE	ND	1000.
75-09-2	METHYLENE CHLORIDE	ND	2000.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	1000.
100-42-5	STYRENE	ND	200.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	200.
127-18-4	TETRACHLOROETHYLENE	ND	200.
109-99-9	TETRAHYDROFURAN	ND	200.
108-88-3	TOLUENE	ND	200.
71-55-6	1,1,1-TRICHLOROETHANE	ND	200.
79-00-5	1,1,2-TRICHLOROETHANE	ND	200.
79-01-6	TRICHLOROETHYLENE	ND	200.
75-69-4	TRICHLOROFLUOROMETHANE	ND	200.
108-05-4	VINYL ACETATE	ND	1000.
75-01-4	VINYL CHLORIDE	ND	1000.
95-47-6	TOTAL XYLENES	ND	200.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: C1-SURF1
WCAS JOB #: 11650

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: E 5
WCAS JOB #: 11650.

DATE RECEIVED: 12/28/88 RUN NUMBER: 11650V1
DATE EXTRACTED: 12/30/88 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 12/30/88 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: E 5
WCAS JOB #: 11650

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	NONE FOUND	VOA	

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: E SURF
WCAS JOB #: 11650

DATE RECEIVED: 12/28/88 RUN NUMBER: 11650V2
DATE EXTRACTED: 12/30/88 SAMPLE AMOUNT: 1.0G
DATE ANALYZED: 12/30/88 MATRIX: SOIL

EPA METHOD 8240 (624) UNITS: UG/KG (PPB)

CAS #	COMPOUND	CONCENTRATION	DET LIMIT
67-64-1	ACETONE	ND	50.
71-43-2	BENZENE	ND	5.
75-27-4	BROMODICHLOROMETHANE	ND	5.
75-25-2	BROMOFORM	ND	5.
74-83-9	BROMOMETHANE	ND	30.
78-93-3	2-BUTANONE (MEK)	ND	50.
75-15-0	CARBON DISULFIDE	ND	5.
56-23-5	CARBON TETRACHLORIDE	ND	5.
108-90-7	CHLOROBENZENE	ND	5.
75-00-3	CHLOROETHANE	ND	30.
110-75-8	2-CHLOROETHYLVINYL ETHER	ND	50.
67-66-3	CHLOROFORM	ND	5.
74-87-3	CHLOROMETHANE	ND	30.
108-41-8	CHLOROTOLUENE	ND	5.
124-48-1	DIBROMOCHLOROMETHANE	ND	5.
95-50-1	1,2-DICHLOROBENZENE	ND	5.
541-73-1	1,3-DICHLOROBENZENE	ND	5.
106-46-7	1,4-DICHLOROBENZENE	ND	5.
75-34-3	1,1-DICHLOROETHANE	ND	5.
107-06-2	1,2-DICHLOROETHANE	ND	5.
75-35-4	1,1-DICHLOROETHYLENE	ND	5.
156-59-4	CIS-1,2-DICHLOROETHYLENE	ND	5.
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	5.
78-87-5	1,2-DICHLOROPROPANE	ND	5.
10061-01-5	CIS-1,3-DICHLOROPROPENE	ND	5.
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ND	5.
100-41-4	ETHYLBENZENE	ND	5.
106-93-4	ETHYLENE DIBROMIDE	ND	5.
76-13-1	FREON-TF	ND	5.
119-78-6	2-HEXANONE	ND	30.
75-09-2	METHYLENE CHLORIDE	ND	50.
108-10-1	4-METHYL-2-PENTANONE (MIBK)	ND	30.
100-42-5	STYRENE	ND	5.
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	5.
127-18-4	TETRACHLOROETHYLENE	ND	5.
109-99-9	TETRAHYDROFURAN	ND	5.
108-88-3	TOLUENE	ND	5.
71-55-6	1,1,1-TRICHLOROETHANE	ND	5.
79-00-5	1,1,2-TRICHLOROETHANE	ND	5.
79-01-6	TRICHLOROETHYLENE	ND	5.
75-69-4	TRICHLOROFLUOROMETHANE	ND	5.
108-05-4	VINYL ACETATE	ND	30.
75-01-4	VINYL CHLORIDE	ND	30.
95-47-6	TOTAL XYLENES	ND	5.

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT: WOODWARD-CLYDE CONSULTANTS SAMPLE: E SURF
WCAS JOB #: 11650

UNITS: UG/KG (PPB)

	COMPOUND NAME	FRACTION	APPROXIMATE CONCENTRATION
1	C10-C11 ALIPHATIC AND ALICYCLIC HYDROCARBONS	VOA	4000.

Data Reporting Qualifiers

Value - If the result is a value greater than or equal to the Detection Limit (DL), the value is reported.

ND - Indicates that the compound was analyzed for but not detected. The minimum DL for the sample with the ND is reported based on necessary concentration or dilution actions.

TR - Indicates an estimated value. This flag is used when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified DL but greater than zero.

805118

JOA

Z-593-35

TANK CLOSURE REPORT

prepared for

[redacted]

prepared by

[redacted]

[redacted]

INTRODUCTION

The United Concrete Pipe Corporation located at 14041 East Live Oak Avenue in the City of Irwindale, California had used a waste oil system consisting of a 500 gallon concrete sump piped to a 3,000 gallon steel storage tank. In order to comply with the Los Angeles County Public Works Department, Waste Management Division's underground storage tank regulations, United Concrete Pipe Corporation requested the permanent closure of this tank, including removal of the sump and all associated piping. Closure permit #5418B was issued March 16, 1989 (Appendix A). The tank and sump were removed from the ground on March 23, 1989 by Rudy's Service Station Repair and Maint., Inc. of South El Monte, California. The tank was triple rinsed and this rinsate material manifested and taken to Petroleum Recylcing Center in Signal Hill, California (Appendix B). The tank was then rendered inert and certified clean by Harbor Testing Laboratory (Appendix C). The tank was removed from the site the same day by American Metal Recycling in Ontario, California (Appendix D). Soil sampling and laboratory analyses to determine the past integrity of the tank and future use of the soil was peformed by TERRA TECH LABS, Inc. on March 31, April 13 and April 14, 1989. All excavated soil was stockpiled adjacent to the tank pit pending laboratory analyses.

PROCEDURE

Two soil samples were collected from this site on March 31, 1989. One sample each (S2 and S1) was collected from two beneath the north and south ends.

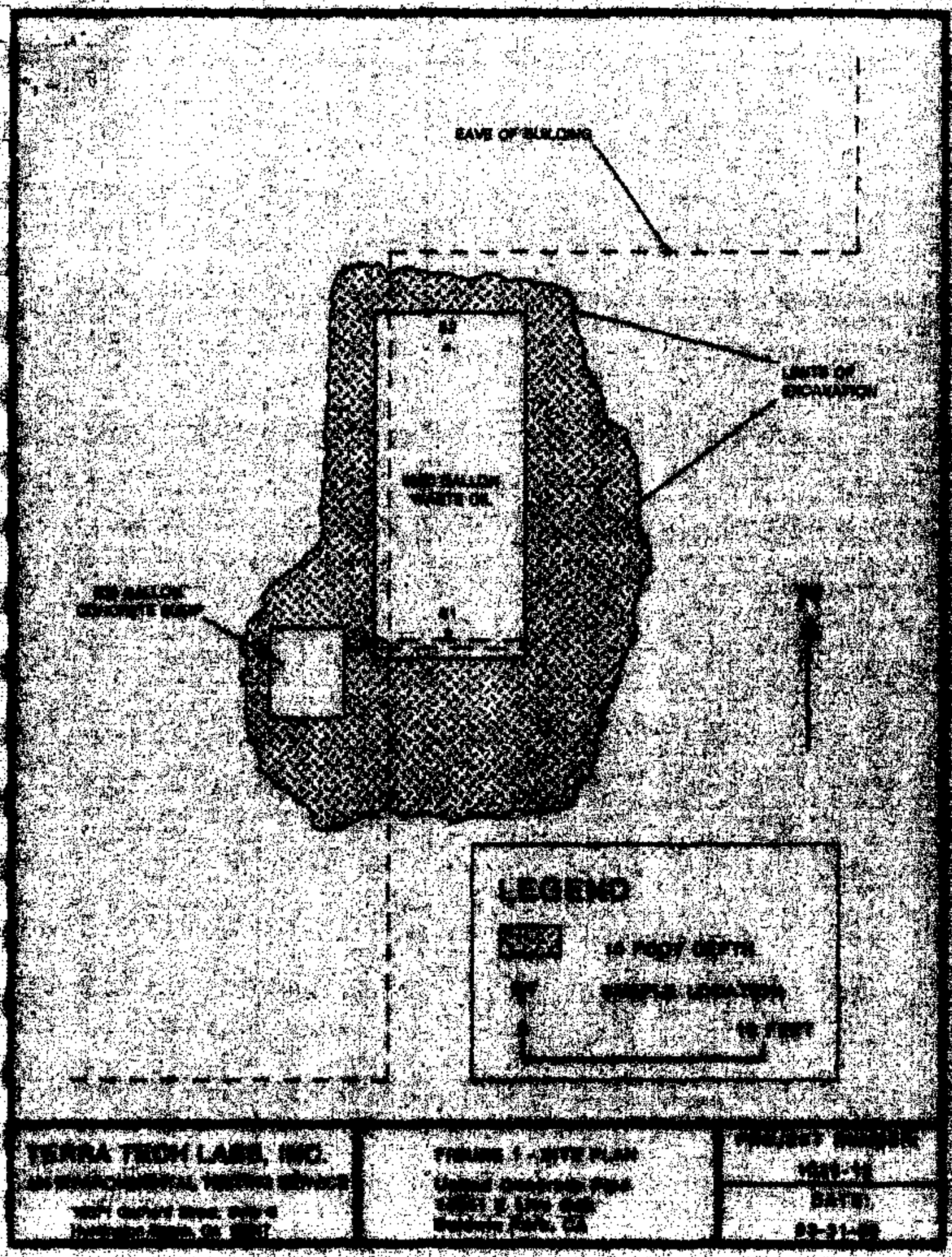
respectively, of the tank (ten feet below ground surface). See Figure 1 for sample locations. These samples were collected under the direction and supervision of Mr. Tony Palagyi, Inspector for the Los Angeles County Department of Public Works Waste Management Division.

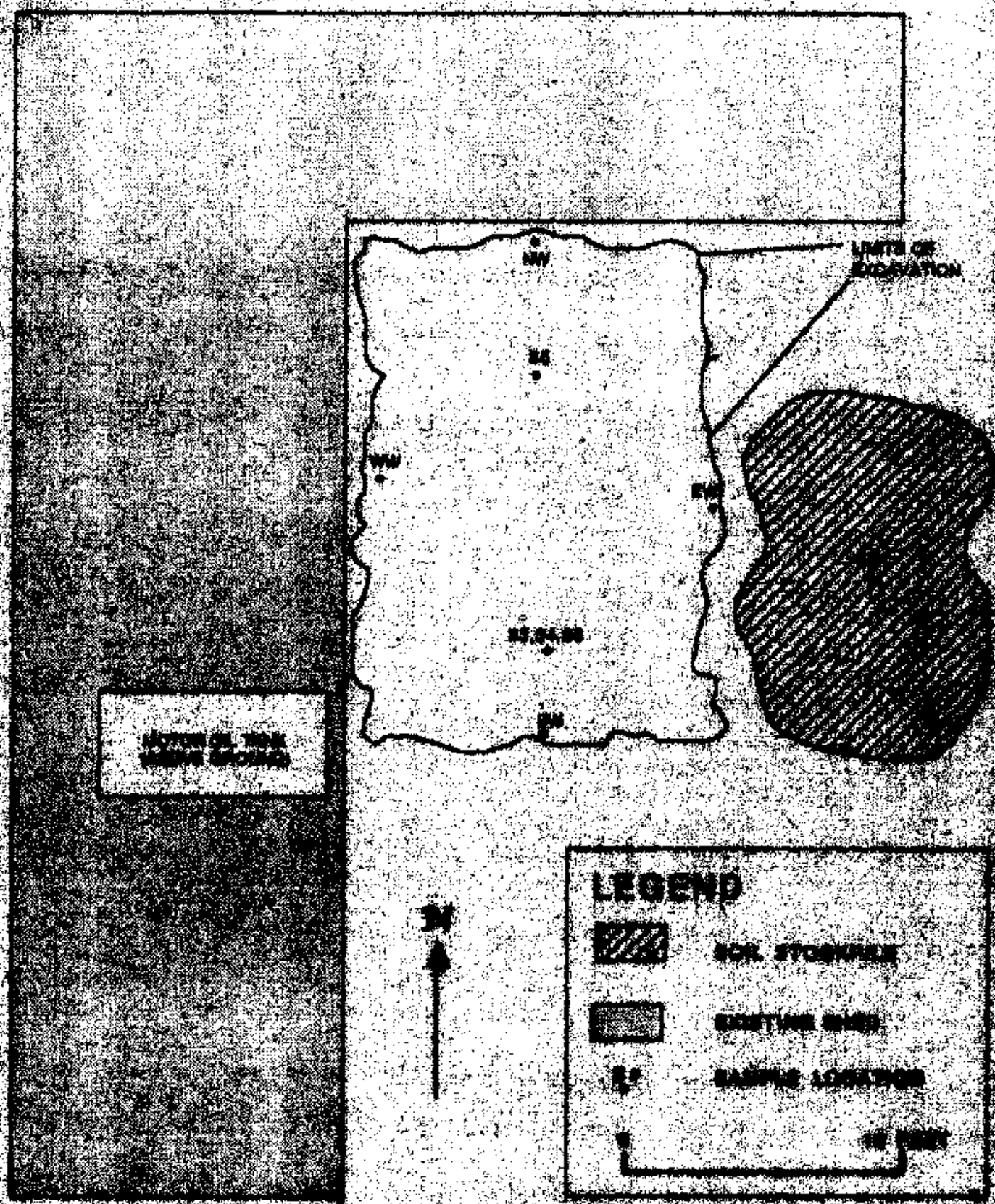
On April 13, 1989 two additional samples (S3 and S4) were collected from four and six feet beneath the south end of the 3,000 gallon waste oil tank excavation, respectively (fourteen and sixteen feet below ground surface). One sample (SP1) was also collected from the surrounding spoils pile. See Figure 2.

On April 14, 1989 an additional six samples were collected from the tank excavation. Two samples (S5 and S6) were collected from the north and south ends of the tank excavation at a depth of approximately seventeen feet below ground surface. One sample each (NW, SW, EW and WW) was collected from the north, south, east and west walls, respectively. These wall samples were collected at a depth of sixteen feet below ground surface. See Figure 2 for sample locations. This sampling was overseen by Mr. Tony Palagyi of the Los Angeles County Department of Public Works.

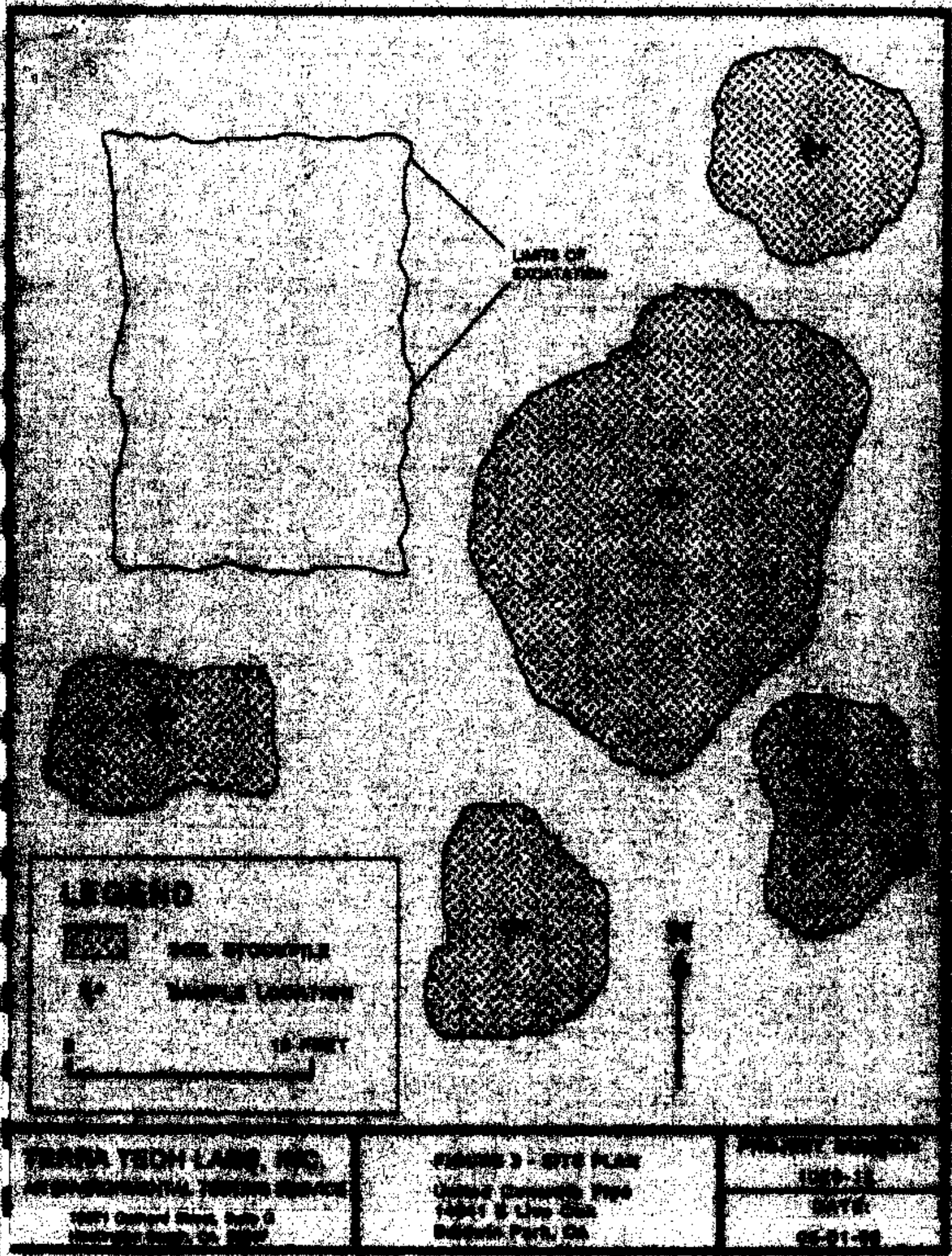
The contaminated soil removed from the excavation was segregated into five spoils piles and the United Concrete Pipe Company requested that TERRA TECH LABS, Inc. return to the site to sample these spoils piles. On June 1, 1989 five samples (SP1-SP5) were collected from the site, one from each spoils pile. See Figure 3 for spoils pile locations and sample locations.

The soil samples were collected with a clean trowel that was washed with trisodium phosphate (TSP), rinsed in distilled water and air dried before each sample


EAVE OF BUILDING
LIMITS OF EXCAVATION
LEGEND



TERRA TECH LABS, INC. AN ENVIRONMENTAL TESTING SERVICE [illegible] Gothard Street, Suite G Huntington Beach, CA [illegible]	FIGURE 2 - SITE PLAN United Concrete Pipe 14041 E Live Oak Baldwin Park, CA	PROJECT NUMBER [illegible] DATE: April, [illegible]


LIMITS OF
EXCAVATION

was collected. The samples were packed in sterile 8 oz., open mouth glass jars until full, thus allowing no headspace. The jars were then sealed with screw-top caps containing Teflon liners, labeled, and stored in a cooler with ice to maintain laboratory storage temperatures of approximately 4 degrees Centigrade until mobile analyses could be performed. Chain-of-Custody records were completed for each sample to ensure traceability (Appendix E). These samples were collected from the center of the bucket of a backhoe and gradall after soil had been removed down to the aforementioned depths.

Visual inspection of the tank revealed no evidence of leakage or spillage. No odors or staining were evident in the tank excavation. Ground water was not observed in the tank excavation. According to the Los Angeles County Flood Control District's well # 3020G as of October 1988, the depth to ground water adjacent to this site was 159.2 feet below ground surface.

The soil samples were submitted to TERRA TECH LABS, Inc. of Huntington Beach, California on March 31, April 13, April 14, and June 1, 1989. The analysis specified and performed for the samples collected was in accordance with EPA Method 418.1. This method utilizes a solvent (Freon-113) extraction and then analysis with an infrared spectrophotometer (IR). The two original samples collected from the tank excavation (S1 and S2) were also analyzed in accordance with EPA Method 8020 for volatile aromatics.

LABORATORY RESULTS

Chemical analysis of the soil samples collected on March 31, 1989 revealed

sample S1 to have a detectable total recoverable petroleum hydrocarbon concentration of 4780 mg/kg and sample S2 to have a detectable total recoverable petroleum hydrocarbon concentration of 33.1 mg/kg. Sample S2 revealed no detectable volatile aromatic concentrations and sample S1 revealed no detectable benzene, ethylbenzene or total xylene concentrations. Sample S1 revealed a very low detectable level of toluene (0.58 mg/kg). According to the Los Angeles County Department of Public Works, the generally accepted action limit for petroleum hydrocarbons is 100 mg/kg. Therefore, further excavating, sampling and analyses were performed on April 13 and 14, 1989.

Chemical analysis of the two samples (S3 and S4) collected from the south floor of the tank excavation on April 13, 1989 revealed total recoverable petroleum hydrocarbon concentrations of 259 and 202 mg/kg, respectively. The spoils pile sample collected on this date revealed a total recoverable petroleum hydrocarbon concentration of 318 mg/kg. Since these soil samples exceeded the action limit, additional samples were required. Chemical analysis of the six samples (S5, S6, NW, SW, EW and WW) collected on April 14, 1989 revealed total recoverable petroleum hydrocarbon concentrations of ND, 77.7 mg/kg, ND, 30.4 mg/kg, ND and 93.8 mg/kg, respectively (where ND means not detected at 1.0 mg/kg). These samples were not analyzed by EPA Method 8020 for volatile aromatics because the most contaminated sample (S1) did not reveal any significant volatile aromatic concentrations. Because all of these deeper floor and wall samples revealed total recoverable petroleum hydrocarbon concentrations less than the generally accepted action level of 100 mg/kg,

no further sampling or analyses were performed from the tank excavation. See Appendix F for all laboratory results.

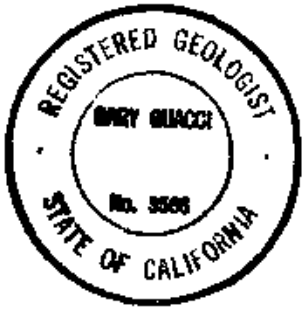
The contaminated soil that was removed from the excavation was stockpiled adjacent to the tank excavation while disposal and treatment options are explored. Chemical analysis of the five soil samples collected from the surrounding spoils piles revealed total recoverable petroleum hydrocarbon concentrations of 545, 1500, 1150, 644 and 649 mg/kg (samples SP1-SP5, respectively). See Appendix F. United Concrete Pipe Corporation decided to haul their contaminated soil to a Class 1 Hazardous Waste Facility, but only after a waste minimization process. This waste minimization process was performed in order to remove the rocks and boulders from the soil because of the much lower surface area to weight ratio (representing contaminated soil) of the larger particles (the rocks and boulders). This process was verbally approved by Ms. Nichole Long of the Los Angeles County Department of Public Works (Appendix G). All material from the excavation was passed over a one inch opening screen powered by pneumatic vibrators. Undersize (less than one inch) material was hauled to the Class 1 landfill, while oversize (greater than one inch) material was used as part of the backfill. Approximately one hundred fifty two tons of contaminated soil was removed from this site and sent to Casmalia Resources in Casmalia, California (Appendix H).

The preceding sampling procedures were reviewed and found acceptable by a California Registered Geologist whose validation appears below:

Gary Guacci, R.G.

State Registration Number: 3566

Project #: 1026-12



Gary Guacci
(signature)

7/9/89
(date)

APPENDIX A

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

RECEIVED
JAMES M. MORGAN
AUG 1 1989

Permit	5418 B
File	593 R/C 35
Fee	$ 141.00
Check [X]	Cash [ ]

OWNER: Name UNITED CONCRETE PIPE Phone 818-337-1211
Mailing Address 14041 E. LIVE OAK AVE City BALDWIN PARK State CA Zip 91706

FACILITY:
Occupant Name UNITED CONCRETE PIPE Phone 818-337-1211
Site Address 14041 E. LIVE OAK AVE City BALDWIN PARK Zip 91706
Mailing Address SAME City SAME State Zip SAME
Contact Person BILL RICHARDSON Title FOREMAN

CONTRACTOR [ ], complete below: OWNER/OPERATOR AS CONTRACTOR [X]
Name RUDY'S SERVICE STATION MAINT. INC Phone 818-443-0181
State License No. 535465 Class C61-D40

CLOSURE REQUESTED:
[ ] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? 0
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Construction Material	Age (Years)	Capacity (gal)	Materials Stored (Past/Present)
1	STEEL	15	3,000	WASTE OIL

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Have structural repairs ever been made to these tanks?	[ ]	[X]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature Ruby Agoanouna Date 3-16-89
(Print Name) RUBY AGOANOUNA Phone 818-443-0181
Owner [X] Operator [ ] Contractor [ ]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

By D. Bauer Date 3/16/89

APPENDIX B

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-88)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD003986718 — Manifest Document No.: 82075
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: UNITED CONCRETE PIPE, 14041 E. LIVE OAK AVE, CAMDEN PARK CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 87782075
B. State Generator's ID: CAD003986718

5. Transporter 1 Company Name: SAN RAY WASTE OIL
6. US EPA ID Number: CAD982366620
C. State Transporter's ID: 906097
D. Transporter's Phone: 818 575-6511

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: PETROLEUM RECYCLING CENTER, 1835 E 29 ST, SIGNAL HILL CA 90806
10. US EPA ID Number: CAT080011050
G. State Facility's ID: CAT080011050
H. Facility's Phone: 213-595-6597

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE FLOODS COMBUSTIBLE N.O.S N.A 1270	001	TT	750	G	State 241 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: WASTE OIL AND WATER - FROM UNDERGROUND STORAGE TANK. TO BE REMOVED. 90

K. Handling Codes for Wastes Listed Above: a. K01 b. c. d.

15. Special Handling Instructions and Additional Information: Gloves / Ground Cable

16. ... by declare that the contents of this consignment are fully and accurately described above by proper shipping ...d, and labeled, and are in all respects in proper condition for transport by highway according to applicable ...ulations.

...ly that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have ...ble and that I have selected the practicable method of treatment, storage, or disposal currently available to ...re threat to human health and the environment; OR, if I am a small quantity generator, I have made a good ...ion and select the best waste management method that is available to me and that I can afford.

PRC
2651 Walnut Avenue
Signal Hill, California 90806

Printed/Typed Name	Signature	Month Day Year
BILL RICHARDSON	BILL RICHARDSON	03 31 89

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
VAN SEMINAS (SR-BA1)	[signature]	03 31 89

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
Linen Brooks	[signature]	04 01 89

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/87)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

INSTRUCTIONS ON THE BACK

APPENDIX C

SALDWIN PARK

THOMAS R. BECK & ASSOC., INC.
dba HARBOR TESTING LABORATORY
24 HOUR PHONE (213) 834-5223

MARINE CHEMIST CERTIFICATE

SERIAL NO. S 2050

Survey Requested by	Vessel Owner or Agent	Date
RUDY'S MAINT.	UNITED CONCRETE PIPE	31 MARCH 89

Vessel	Type of Vessel	Specific Location of Vessel
1 TANK	UNDERGROUND TANK	14041 E. LIVE OAK AVE

Last Cargo	Test Method	Time Survey Completed
WASTE OIL	150 [illegible] VOLUME	[illegible]

UNDERGROUND STORAGE TANK IDENTIFIED WITH RED SPRAY PAINT

2050

TESTED 0% LEL
21 % OXYGEN

SAFE FOR HOT WORK TO CUT TANK INTO SCRAP. [illegible] TANK INTERIOR AT BOTTOM CONTAINS THREE HEATING COILS. NO HOT WORK [illegible] HEATING COILS CONDITION WITHIN COILS [illegible]. NO SAFE FOR WORKERS. TO ENTER TANK NOT TESTED FOR SPECIFIC TOXICS.

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306-1980, Subsections 1-6.1 through 1-6.4, and Subsection 5-3.2).

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers has not been met.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306-1980 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-3 of NFPA 306-1980 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed _____ Name _____ Company _____ Date _____

Signed _____ Marine Chemist _____ Certificate No. _____

APPENDIX D

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 30470

TANK DISPOSAL FORM

Date: 3-23 ,1989.
Job #
P. O. #

CONTRACTOR: Rudys Service
ADDRESS: 2017 Seaman Av. S. El Monte, CA 91733
JOB SITE: United Concrete
ADDRESS: 14041 E. Live Oak
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.
3-30-89	10:00	1-3000		

SPECIAL INSTRUCTIONS: one Truck
Pick up Check

TIME IN: 10:00
TIME OUT: 10:50

check #4807

Paid In Full

TANKS RECEIVED QTY.	GALLONS	TYPE F* S*	NET TONS	TOTAL
	280	☐ ☐	.14	
	500	☐ ☐	.21	
	550	☐ ☐	.24	
	1000 - 12 ft.	☐ ☐	.44	
	1000 - 6 ft.	☐ ☐	.81	
	1500	☐ ☐	.87	
	2000	☐ ☐	.97	
	2500	☐ ☐	1.14	
1	3000	☐ ☐	1.32	1.32
	4000	☐ ☐	1.84	
	5000	☐ ☐	2.42	
	6000	☐ ☐	2.84	
	7500	☐ ☐	3.26	
	8000	☐ ☐	3.44	
	9000	☐ ☐	3.82	
	10000	☐ ☐	4.33	
	12000	☐ ☐	4.93	

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

NO. OF TANKS: 1 TOTAL NET TONS: 1.32

*F — FIBERGLASS *S — STEEL 10G

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP

3-31-89.
DATE

CONTRACTOR COPY

APPENDIX II

CHAIN-OF-CUSTODY RECORD

Client: KSSM
Client Project #:
Project #: 1026-12
Project Name: United Concrete Pipe.
Site Address: 14041 E. Live Oak.
Baldwin Park, CA
Sampler's Signature: Thomas F. Weil
Date: 03-31-89 Page 01 of 01

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED:
☐ 8 Hours ☒ 24 Hours
☐ 72 Hours ☐ 7 Days

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
S1	S. end of tank 2' below tank bottom	03-30-89	11:02		✓	✓					01	Soil, glass jar.
S2	N. end of tank 1½' below tank bottom	03-30-89	11:06		✓	✓					01	Soil, glass jar

Relinquished by: (Signature)	Date	Received by: (Signature)	Date
Thomas F. Weil	03-31-89		
Company: Terra Tech Labs	Time 12:30	Company:	Time
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) Brian Callahan	Date 3/31/89
Company:	Time	Company: TERRA TECH LABS	Time 12:30

02 Total Number of Containers

TERRA TECH LABS, INC.
16371 Gothard St. Suite G
Huntington Beach, CA 92647
Tel. (714) 842-6077

CHAIN-OF-CUSTODY RECORD

Client: Rudy's Service Station Repair & Maintenance
Client Project #:
Project Name: United Concrete Pipe
Site Address: 14041 East Live Oak, Baldwin Park, CA
Sampler's Signature: Lisa Newcombe-Dieri

Project #: 1026-12
Date: 4/13/89 Page 01 of 01

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED:
☐ 8 Hours ☐ 24 Hours
☐ 72 Hours ☐ 7 Days
ON-SITE

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
SP1	Surrounding spoils pile	4/13/89	745			✓					1	soil, glass jar
S3	south end of tank, 4' below tank	4/13/89	750			✓					1	
S4	south end of tank, 6' below tank	4/13/89	810			✓					1	

Relinquished by: (Signature)	Date	Received by: (Signature)	Date
Lisa Newcombe-Dieri	4/13/89		
Company: Terra Tech Labs	Time 1430	Company:	Time
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature)	Date
		[signature]	04-13-89
Company:	Time	Company: TTL	Time 1430

Total Number of Containers

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92647
Tel (714) 842 6077

CHAIN-OF-CUSTODY RECORD

Client: Rudy's Service Station Repair & Maint.
Client Project #:
Project Name: United Concrete Pipe
Site Address: 14041 E. Live Oak, Baldwin Park, CA
Sampler's Signature: Lisa Newcombe-Dierl

Project #: 1026-12
Date: 4/14/89 Page 01 of

SAMPLE CONDITION
Rec'd on ice yes/no
Sealed Container yes/no

TURNAROUND REQUESTED
☐ 8 Hours ☐ 24 Hours
☐ 72 Hours ☐ 7 Days

Analysis Requested

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
NW	north wall at 16' below grand	4/14/89	8:35			✓					1	soil, glass jar
S5	north floor at 17' below grand	4/14/89	8:40			✓					1	↓
S6	south floor at 17' below grand	4/14/89	9:10			✓					1	↓
SW	south wall at 16' below grand	4/14/89	9:15			✓					1	↓
EW	east wall at 16' below grand	4/14/89	9:25			✓					1	↓
WW	west wall at 16' below grand	4/14/89	9:30			✓					1	soil, glass jar

Relinquished by: (Signature)	Date	Received by: (Signature)	Date	
Lisa Newcombe-Dierl	4/14/89			6 Total Number of Containers
Company: Terra Tech Labs	Time 11:00 a.m.	Company:	Time	
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) Thomas P. Wirl	Date 04-14-89	
Company:	Time	Company: Terra Tech Labs	Time 11:00 a.m.	

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92617
Tel (714) 842 6077

CHAIN-OF-CUSTODY RECORD

Client	Client Project #	Analysis Requested								Project # 1026-12
Project Name: Reinforced Concrete Pipe										Date 6-01-89 Page 01 of 01
Site Address: 11041 E. Live Oak, Baldwin Park, Ca										SAMPLE CONDITION Rec'd on Ice yes/no Sealed Container yes/no
Sampler's Signature: [signature]										TURNAROUND REQUESTED: ☐ 8 Hours ☐ 24 Hours ☐ 72 Hours ☒ 7 Days

Sample ID	Sample Location	Date	Time	Modified EPA Method 8015 (TPH)	EPA Method 8020 (BTXE)	EPA Method 418.1 (TPH)					Number of Containers	SAMPLE TYPE/CONTAINER
P1	[illegible] PILE	06-01-89	10:08			✓					01	SOIL/GLASS JAR
P2	[illegible] PILE	06-01-89	10:13			✓					01	SOIL/GLASS JAR
P3	[illegible] PILE	06-01-89	10:19			✓					01	SOIL/GLASS JAR
P4	[illegible] PILE	06-01-89	10:26			✓					01	SOIL/GLASS JAR
P5	[illegible] PILE	06-01-89	10:31			✓					01	SOIL/GLASS JAR
										1		

Relinquished by: (Signature)	Date	Received by: (Signature)	Date	05	Total Number of Containers
[signature]	6-01-89				
Company: [illegible] LAB	Time 12:30	Company:	Time		
Relinquished by: (Signature)	Date	Received by Laboratory: (Signature) [signature]	Date 6/1/89		
Company:	Time	Company: [illegible]	Time 2:30		

TERRA TECH LABS, INC.
16371 Gothard St., Suite G
Huntington Beach, CA 92647
Tel. (714) 842-6077

APPENDIX F

TERRA

TECH

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR & MAINTENANCE, INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK, CALIFORNIA

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : MARCH 31, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID#	CONCENTRATION (mg/kg)
S1	4780
S2	33.1

Reviewed & Approved: Lisa Narvaez-Davis
Date: 4/3/89

Note: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

TECH

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION REPAIR AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIE OAK
BALDWIN PARK, CALIFORNIA

ANALYSIS OF VOLATILE AROMATICS
EPA METHOD 8020

DATE RECEIVED : MARCH 31, 1989
DATE ANALYZED : APRIL 1, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYLBENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
S1	ND,.01	0.58	ND,.05	ND,.05
S2	ND,.01	ND,.01	ND,.05	ND,.05

ND - Not detected at indicated level of detection.

Reviewed & Approved: Lisa Navarrete-Dieri
Date: 4/5/89

NOTE: Samples were received in a chilled state, intact and with Chain-of-Custody attached.

LABORATORY RESULTS

PREPARED FOR

RUDY'S SERVICE STATION AND MAINT., INC.
UNITED CONCRETE PIPE
14041 EAST LIVE OAK
BALDWIN PARK

ANALYSIS OF TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
EPA METHOD 418.1

DATE RECEIVED : April 13-14, 1989
DATE ANALYZED : April 13-14, 1989
PROJECT NUMBER : 1026-12

SAMPLE ID	CONCENTRATION (mg/kg)
SP1	318
S3	259
S4	202
NW	ND (1.0)
S5	ND (1.0)
S6	77.7
SW	30.4
EW	ND (1.0)
WW	93.8

ND - Not detected at indicated level of detection.

Reviewed&Approved: [signature]
Date: 4/18/89

Note: Samples were received by the mobile laboratory, intact and with Chain-of-Custody attached.

APPENDIX G

UNITED
CONCRETE PIPE
CORPORATION

June 26, 1989

Los Angeles County
Department of Public Works
Waste Management Division
P.O. Box 1460
Alhambra, CA 91802-1460

Attention: Ms. Nichole Long

Dear Ms. Long:

We have acted upon your verbal approval and backfilled the excavation remaining after removal of our 3,000 gallon waste oil tank.

About one-third of the backfill material was boulders and rocks - the oversize from the 1 inch screening process. The 151.68 tons of undersize was hauled to Casmalia Resources on June 19, 1989.

The screening process resulted in an estimated one-third reduction of material that had to go to disposal. Tony Palagyi of your organization's Arcadia office observed our screening operation. I wish your schedule had permitted you to check it out. I expect, however, that another opportunity will soon come up.

In the meantime, we'll be working on the details needed for completion of this project.

Thanks.!

Sincerely,

Bill Richardson
Principal Project Engineer

BR:ag

cc: G. D. Redmond
Tony Palagyi

P.O. Box 429 • Baldwin Park, California 91706 • Telephone (818) 337-1211

APPENDIX H

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD982523423 | Manifest Document No: 000006
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE CORPORATION
16041 E. Live Oak Avenue
Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451711
B. State Generator's ID: CAX036-021888 9

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID:
D. Transporter's Phone: (714) 625-4645

7. Transporter 2 Company Name: J-CAL TRANS
8. US EPA ID Number: CAD980814983
E. State Transporter's ID: 200283
F. Transporter's Phone: 213 926 770

9. Designated Facility Name and Site Address
Casmalia Resources
Ntw Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020748125
G. State Facility's ID:
H. Facility's Phone: 805 737 2441

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other CA Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile# 185200[illegible]

K. Handling Codes for Wastes Listed Above
a. 03 b.
c. d.

15. Special Handling Instructions and Additional Information
Gloves and goggles
Quote# 1399SM

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: Bill Richardson
Signature: Bill Richardson
Month Day Year: 06 19 89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard Ramos
Signature: Richard Ramos
Month Day Year: 06 19 89

FACILITY

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: Casmalia Resources by Fuentes
Signature: Casmalia Resources by Fuentes
Month Day Year: 06 19 89

Do Not Write Below This Line

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

88451711

GENERATOR — FILE — TRANSPORTER — FACILITY

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982539455 Manifest Document No. 000005

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address: United Concrete Pipe, 14041 E. Live Oak, Baldwin Park, CA

A. State Manifest Document Number: 88451712

B. State Generator's ID: HAHQ 36029859

4. Generator's Phone: (818) 337-1211

5. Transporter 1 Company Name: M C Transport — 6. US EPA ID Number: CAD982054646 — C. State Transporter's ID: 901640 — D. Transporter's Phone: 619 992-2755

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: Casmalia Resources, Hwy 1, Casmalia, CA 93429 — 10. US EPA ID Number: CAD 020746125 — G. State Facility's ID — H. Facility's Phone: 805 937-2445

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Cal. Equiv. Regulated Waste (Soil)		DM	000284	T	State 611 / EPA/Other 134 Cal
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

GENERATOR COPY Return To Generator

J. Additional Descriptions for Materials Listed Above: 11.H 30.2 Contaminated Soil with Motor Oil — Profile # 165002 4CR

K. Handling Codes for Wastes Listed Above: a. 03 — b. — c. — d.

15. Special Handling Instructions and Additional Information: Gloves & Goggles — Quote # 1399 541

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.

GENERATOR — Printed/Typed Name: Bill Richardson — Signature: Bill Richardson — Month Day Year: 06 19 89

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: [illegible] — Signature — Month Day Year: 6 19 89

TRANSPORTER — 18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: Steve Mariscal — Signature — Month Day Year: 6 19 89

FACILITY — 19. Discrepancy Indication Space

FACILITY — 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. — Printed/Typed Name: Camalia Resources — Signature — Month Day Year: 6 20 89

DHS 8022 A (1/88)
CA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

GENERATOR — IN CASE OF EMERGENCY ON SHIP, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88451712

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter)

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD982523425 — Manifest Document No.: 00004
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin park, CA 91706

4. Generator's Phone (818 337-1211

A. State Manifest Document Number: 88451714
B. State Generator's ID: NAE036 029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID: 006738
D. Transporter's Phone: (714) 625-6645

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:
CASMALIA RESOURCES
Wtu Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020748125
G. State Facility's ID:
H. Facility's Phone: CAD020748125

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile# 16520024CR

K. Handling Codes for Wastes Listed Above
a. b. c. 03 d.

15. Special Handling Instructions and Additional Information
Gloves and goggles
Quote# 1399SM

16.
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Printed/Typed Name: BILL RICHARDSON — Signature: BILL RICHARDSON — Month Day Year: 061989

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: TERRY L. BROWN — Signature: [signature] — Month Day Year: 061989

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: #119465 Net. 45,300 lb CASMALIA RESOURCES — Signature: [signature] M. Moody — Month Day Year: 061989

Do Not Write Below This Line

DHS 8022 A (1/88)
EPA 6700—22
(F... 9-88) Previous editions are obsolete.

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88451714

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

88451715

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982523425 — Manifest Document No.: 000002
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451715
B. State Generator's ID: NANQ36-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID: 006730
D. Transporter's Phone: (714) 625-6645

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:
CASMALIA RESOURCES
Ntu Road
Casmalia, CA 92429
10. US EPA ID Number: CAD020748125
G. State Facility's ID: CAD020748125
H. Facility's Phone: 8059378449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	[illegible]	State 611; EPA/Other Ca Only
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile #1652002ACR

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
Gloves and goggles — Quote# 1399SM

16.
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Printed/Typed Name: BILL RICHARDSON — Signature: BILL RICHARDSON — Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: KEVIN Cloddy — Signature: [signature] — Month Day Year: 06 19 89

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: Casmalia Resources #119469 46,784 lbs — Signature: Dennis Fraley — Month Day Year: 06 19 89

DHS 8022 A (1/88)
A 8700—22
(rev. 9-88) Previous editions are obsolete.

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Form Approved OMB No. 2050—0039 (Expires 9-30-91)
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Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD982523425 — Manifest Document No.: 00003
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451716
B. State Generator's ID: NAHQ36-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal
6. US EPA ID Number: CAT000611483
C. State Transporter's ID:
D. Transporter's Phone: (714) 625-6645

7. Transporter 2 Company Name: MC TRANSPORT
8. US EPA ID Number: CAD982954610
E. State Transporter's ID: 006734
F. Transporter's Phone: 813 717 [illegible]

9. Designated Facility Name and Site Address
CASMALIA RESOURCES
Nta Road
Casmalia, CA 93429
10. US EPA ID Number: CAD020748126
G. State Facility's ID: [illegible]
H. Facility's Phone: 805 937 8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	[illegible]	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile# 16520024CR

K. Handling Codes for Wastes Listed Above
a. 03
b.
c.
d.

15. Special Handling Instructions and Additional Information
Gloves and goggles Quote# 1399SM

16.
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Printed/Typed Name: BILL RICHARDSON
Signature: BILL RICHARDSON
Month Day Year: 06 1989

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible]
Signature: [illegible]
Month Day Year: [illegible]

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: [illegible] Nat. Sr. Tools [illegible] RESOURCES
Signature: [illegible]
Month Day Year: [illegible]

GENERATOR / TRANSPORTER / FACILITY

88451716

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

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Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982523425 — Manifest Document No.: 00001
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNITED CONCRETE PIPE
14041 E. Live Oak, Baldwin Park, CA 91706
4. Generator's Phone (818) 337-1211

A. State Manifest Document Number: 88451717
B. State Generator's ID: NAHQ36-029889

5. Transporter 1 Company Name: Containerized Chemical Disposal — 6. US EPA ID Number: CAT000611483
C. State Transporter's ID: 006732
D. Transporter's Phone: (714) 625-6645

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
CASMALIA RESOURCES
Ntu Road
Casmalia, Ca 93429
10. US EPA ID Number: CAD020748125
G. State Facility's ID: CAD020748125
H. Facility's Phone: 805 937-8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. California Regulated Waste (Soil)	001	DT	00024	T	State 611 / EPA/Other Ca Only
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
11.a: Soil contaminated with waste motor oil
Profile.# 16520024CR

K. Handling Codes for Wastes Listed Above
a. 03 b.
c. d.

15. Special Handling Instructions and Additional Information
Gloves and goggles — Quote# 1399SM

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Printed/Typed Name: BILL RICHARDSON — Signature: Bill Richardson — Month Day Year: 06 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: [illegible]

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: [illegible] — Signature: [illegible] M. Mood — Month Day Year: 06 19 89

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY OR SPILL CALL THE NATIONAL RESPONSE CENTER 1-424 WITH CALIFORNIA CALL 0-852

88451717

DHS 1022 A (1/88)
EPA 8700—22
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APPENDIX E
QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

LEO REBELE

Principal

Mr. Rebele is a Principal in the Irvine office of Ramboll, with responsibilities that include business development, client liaison, senior oversight and execution on projects involving environmental site investigation, litigation, remediation, environmental permitting and natural resource management. Experience includes the following:

- Supported private industry for more than 25 years by delivering solutions to problems involving real estate due diligence, waterfront and brownfield redevelopment, transit-oriented development, and ports/harbors and watershed-related services. Project experience has been split between managing uplands projects focusing on property transfer/redevelopment and assisting private and port clients with aquatic-related environmental issues.
- Provided high-level strategic redevelopment consulting services to municipalities and private developers in connection with the transfer and redevelopment of contaminated real estate. Clients include residential, commercial and industrial developers, land owners, attorneys, and real estate brokers. Implementing cost recovery actions by providing environmental litigation support services; designing and implementing environmental liability transfer programs including guaranteed fixed-price remediation (GFPR) contracts.
- Provided environmental litigation support services in matters involving cost recovery actions against responsible parties. Deposition and trial experience including a landmark litigation case 3000 E. Imperial v. Robertshaw Controls et al. Routinely conducts environmental forensics analyses with a specialty in compound-specific isotope analysis (CSIA). Develops and applies multi-media video and animation for purposes of trial exhibits and mediation settlement discussions.
- Managed and supervised dozens of Phase I and II environmental site assessments (ESAs) and remediation projects throughout the western United States, Canada, and Mexico; assessed sites affected by landfill materials, chlorinated solvents, heavy metals, petroleum hydrocarbons (including free product), polychlorinated biphenyls (PCBs), and strong acids; prepared site conceptual models; performed remedial investigation/feasibility studies (RI/FSs); managed the completion of human health risk assessments; and evaluated remedial action alternatives under the Comprehensive



CONTACT INFORMATION
Leo Rebele

LRebele@ramboll.com
+1 (949) 798 3604

Ramboll
5 Park Plaza
Suite 5
Irvine, 92614
United States of America

Environmental Response, Compensation, and Liability Act (CERCLA) and ensuring compliance with the National Contingency Plan (NCP). Regulatory negotiation/site closure experience with various jurisdictional offices of the Regional Water Quality Control Board (CRWQCB) and the California Department of Toxic Substances Control (DTSC), Orange County (California) Health Care Agency, the City and County Fire Departments of Los Angeles and the San Diego County of Environmental Health.

- Managed and provided oversight for projects involving natural resource management issues, including wetland evaluations and permitting, marine benthological studies, sediment and water quality monitoring, and underwater and eelgrass surveys. Experience has also included developing public outreach materials on behalf of private-sector clients, conducting resource mapping using Global Positioning System (GPS) software and geographic information system (GIS) technology.
- Served as program manager for several environmental impact assessments under National Environmental Policy Act (NEPA) and California Environmental Quality Act. Projects include environmental assessments (EAs) for proposed telecommunication sites on federal land, municipal well installations, private urban infill developments and mega-scale solar facilities located in Los Angeles County and San Bernardino County.

EDUCATION

1997
MS, Marine Resource Management (Minor, Aquatic Toxicology)
Oregon State University

1994
BS, Biological Oceanography (Honors)
University of British Columbia

PROJECTS

2016-2017
Environmental Oversight
Mr. Rebele served as the principal-in-charge for the environmental oversight of a sewer line replacement in an area where groundwater impacted by chlorinated volatile organic compounds (cVOCs) associated with a State Superfund site may be encountered by city workers. The scope of work involves navigating concerns of a contentious community group and ensuring the protection of City workers through the development and implementation of a field monitoring program during sewer line construction activities.

2017
Due Diligence and Environmental Compliance Review
Mr. Rebele lead a due diligence and environmental compliance team in support of an acquisition of a 700-acre terminal in the Port of Los Angeles. The work involved a comprehensive assessment of current practices involving the use, storage and disposal of hazardous materials, compliance with air and stormwater regulations, and a review of historical spills and cleanup activities. A Phase I Environmental Site Assessment was conducted as part of the review. A review of California Environmental Quality Act (CEQA) permitting issues was also performed to evaluate the potential for terminal expansion onto an unoccupied portion of the facility.

2017-present
Pilot Testing and Support of Guaranteed Fixed Price Remediation Program
Mr. Rebele is heading a comprehensive site investigation and pilot test to evaluate a proposed groundwater and soil remediation strategy in support of a guaranteed fixed-price remediation (GFPR) strategy. The property, which is being sold to an industrial developer, is impacted by moderated levels of trichloroethylene and perchloroethylene in groundwater, with impacts extending off-site. Concentrations of chlorinated VOCs in soil vapor beneath the manufacturing facility were found to be very high, requiring immediate mitigation. Mr. Rebele is leading the project team to develop a groundwater remedy under a possible GFPR contract option while designing soil vapor extraction and vapor mitigation system that can be implemented in the short term.

2016-present
Implementation of Mitigation Monitoring, New Residential Development
Mr. Rebele served as principal-in-charge for a project involving implementing mitigation monitoring requirements for biological and cultural resources under California Environmental Quality Act (CEQA). Work included conducting ongoing monitoring for cultural and biological resources during disturbance of native soils during grading for a new residential development. Challenges included working with changing client schedules and interfacing with regulatory personnel to keep the project on-track on-schedule.

2016-present
Redevelopment of former ITT Site into new Industrial Complex
Lead consultant for a high-profile industrial redevelopment project in Santa Ana, California. The project involves assisting the prospective developer with the pre-bid due diligence during the seller's auction, evaluating seller's proposed remedial strategy in the context of the proposed development, performing Phase I and II environmental assessments, regulatory agency negotiation, and the design of a vapor mitigation system. Complexities in the due diligence activities include the integration of a polychlorinated biphenyl (PCB) cap into the proposed development and integrating the proposed electrical resistance heating/steam injection remedial program with client's development plans.

2016-2017
Implementation of Soil Management Plan and Soil Stockpile Profiling for Residential Development Project
Mr. Rebele served as client services manager for a project involving the redevelopment of a former foundry and iron works facility. The soils beneath the property were identified though a combined Phase I/II Environmental Site Assessment to be impacted with Cal-Hazardous levels of lead. A combination of field screening using a portable X-Ray Fluorescence (XRF) meter and confirmation soil sampling with formal laboratory analysis in order to profile soils to be exported and to establish residual concentrations in soils. Cost effective management of soils was achieved through carefully interfacing with the client's grading contractor and project phasing.

2015-present
Innovative In-Situ Remediation of Chlorinated Solvents
Account manager for Griffon Corporation to remediate a chlorinated VOC plume in groundwater which is commingled with chlorinated solvent plumes on adjacent properties. The remediation is confounded by access restrictions associated with a storm channel and two sewer lines. In addition two distinct groundwater mounds resulting from leaks in the sewer lines are affecting the groundwater flow and distribution of the contamination. Mr. Rebele is overseeing the forensic evaluation of sources of VOCs, general strategy, remedial approach and is leading regulatory negotiations.

2015-2017
In-situ Capping of Heavy Metal Impacted Soils
For this former tool manufacturing facility (Union Fork and Hoe Company) in upstate New York, Mr. Rebele served as project principal and client service manager. The site, which has been under the

oversight of the New York State Department of Environmental Conservation (NYSDEC) and Department of Environmental Health. Mr. Rebele helped Griffon negotiate a capping remedy of the heavy metals impacted soil. A significant component of the work has been negotiating with NYSDEC and DOH to eliminate a mature wooded area from the remediation area and to reduce the long-term groundwater monitoring obligations.

2005->>>

Ongoing Brownfield Advisory and Consulting Services

Serves in a strategic consulting role on behalf of the City for the remediation and brownfield planning of a 170-acre downtown core area targeted for redevelopment. Work to date has included federal and state brownfield grant procurement and execution, brownfield inventory, development of a GIS system, development of an area-wide brownfield remediation strategy, Phase I and II Environmental Site Assessments, development of multiple remedial action plans under the oversight of the Department of Toxic Substances Control, litigation support for cleanup cost recovery, and waste to energy (WTE) consulting.

2007->>>

Alameda Triangle Redevelopment

Provided oversight and consulting services for an 11.2 acre project comprised of 5 parcels with multiple ownerships and a history of manufacture use dating to World War II. The property uses identified including a former Witco chemical facility located on Caltrans property, a Magnetek transformer repair and refurbishment business, two auto-wrecking yards, a former railroad right-of-way, and a variety of other uses involving the manufacture and use of various chemical materials. The chemicals detected on-site during Gannett Fleming and other site investigations included organochlorine pesticides, PCBs, free product petroleum hydrocarbons in groundwater and soil, chlorinated VOCs in soil and soil vapor, heavy metals and polynuclear aromatic hydrocarbons. The City is in the process of marketing the site for development. Following a multi-media investigation involving substantial site access coordination, Gannett Fleming prepared a Site Investigation Report, Feasibility Study and a Remedial Action Plan (RAP) for the entire Site. The reports were submitted to Department of Toxic Substances Control (DTSC) for review. Gannett Fleming is working with city's environmental counsel to develop a cost recovery strategy.

2017

Economic Development Department

Mr. Rebele is working with the City of South Gate Economic Development Department and their economic development consultant, Rosenow Spivasek Group (RSG,) in addressing environmental impacts associated with a historical gasoline service station. Mr. Rebele and his team were retained to take over all aspects of the assessment and cleanup activities from a prior consultant due to a stalled remedial program.

2015-2016

Operational Transition/Environmental Compliance

Project Principal for an operational transition project involving all aspects of environmental compliance as Bombardier took over rail service and maintenance responsibilities for all rail facilities from the prior operators of the North County Transit District (NCTD) facilities at the Escondido and Oceanside yards. Work involved initial consultation, environmental compliance audits, permitting, preparation of spill prevention control and countermeasure (SPCC) plans, stormwater pollution prevention plans (SWPPS) and environmental compliance plans for ongoing rail operations and facility maintenance.

2014->>>

Remediation of Organochlorine Pesticide Impacted Soils in Support of Residential Development

Mr. Rebele serves as the principal-in-charge for a residential development project involving the remediation of organochlorine pesticides (OCPs) and closure of historical underground storage tanks

(USTs), irrigation wells and low-level volatile organic compounds (VOCs). In his role, Mr. Rebele is served in a strategic capacity to result in a fast-track review and approval of a remedial action plan by transferring the open case file from a local oversight agency to the Santa Ana Regional Water Quality Control Board.

2014-present
Remediation of Groundwater at Logistically Constrained Shopping Center
Mr. Rebele has been serving as principal-in-charge for a complex gasoline remediation project involving very high concentrations of gasoline at a commercial shopping center where site access precludes implementation of many traditional remedies. Mr. Rebele serves as senior technical advisor to the client's environmental counsel and is working to reduce the environmental liabilities of the property owner. Mr. Rebele helped devise a two-part strategy aimed at protecting the current tenants against indoor air intrusion through the development of vapor mitigation systems while conducting an aggressive groundwater remedial program consisting of trenching/product removal followed by in-situ chemical oxidation of groundwater.

2014-present
Environmental Remediation Consulting in Support of Residential Development
Mr. Rebele served in a strategic consulting role for New Urban West, Inc. (NUWI) to support the redevelopment of infill properties throughout southern California. Projects have included former nursery/greenhouse areas, manufacturing operations and properties and areas impacted by fill materials. Currently executing several cleanup programs under a California Land Reuse and Revitalization Act (CLRRA) agreement with the Department of Toxic Substances Control.

2014-2017
Redevelopment Consulting and Remediation
Mr. Rebele serves as the project principal for a residential redevelopment project at a former Teledyne research and development facility and historical agricultural operation. Work has involved several phases of soil, soil vapor and groundwater investigation that included multiple degreaser locations, additional potential source areas of metals and petroleum hydrocarbons and organochlorine pesticides associated with the historical agricultural use. A soil vapor extraction (SVE) was implemented to reduce elevated concentrations of PCE to acceptable levels in order to prepare the Site for residential occupancy. The site is currently undergoing redevelopment.

PUBLICATIONS & PRESENTATIONS

2017
Contaminated Soil Cleanup Methods & Remediation Techniques.
Lorman National Live Webinar.
Rebele, Leo and Tom Bois, Esq.

2017
On the Application of Contaminant Source Identification, Environmental Forensics and Geomorphological Assessment in the Context of Large-Scale Restoration of Sediments in Riverine and Estuarine Depositional Environments.
Rebele, Leo.

2013
Innovative Insurance and Cleanup Strategies: Life Beyond Cost Cap.
Brownfields 2013.
Rebele, Leo and Preston W. Brooks, Esq.

2013
The Renaissance of Lynwood – Community Partnership, Brownfield Revitalization and Transit-Oriented Development.
13th Annual Urban Marketplace. Make a Deal, Make a Difference.
Rebele, Leo and Sarah Withers.

2013
The Use of Compound Specific Isotope Analysis (CSIA) for Discerning Sources of Trichlroethylene (TCE) and Perchloroethylene (PCE) within a Commingled Groundwater Plume in California, USA.
International Network For Environmental Forensics.
Rebele, Leo and Dr. Alan Jeffrey.

2013
Comparison of Two Vacuum Enhanced LNAPL Recovery Systems under the EAR Account Program.
Association for Environmental Health and Sciences Foundation.
Lenker, Carl W., Leo M. Rebele, Arul Ayyaswami.

2012
TOD, Infill and Brownfield Development without Redevelopment Agencies – What Tools are Available Now?
ULI Marketplace.
Rebele, Leo M. (roundtable moderator).

2011
A Forensic Approach to Evaluating Sources and Relative Ages of Free Product and Chlorinated Solvents at a Commingled Plume Site in Support of Cleanup Cost Recovery Litigation.
International Network of Environmental Forensics.
Rebele, Leo M. and Dr. Alan Jeffrey.

2010
Expediting Brownfield Redevelopment by Combining Innovative In-Site Remedial Technologies with GFPR Solutions.
International Network of Environmental Forensics.
Lenker, Carl W., Arul Ayyaswami and Leo M. Rebele.

2009
The Newest Tool In The Brownfields Tool Box.
Brownfields 2009.
Rebele, Leo M. (moderator), Kevin Daehnke, Charlie Bartsch, Tom Cota, Bruce Rasher.

2009
The Road Less Traveled: Transit-Oriented Development From Conception To Implementation During Economic Hard Times.
Brownfields 2009.
Myrna Valdez (moderator), Leo Rebele, Rosanne Albright, Rick Simonetta.

2009
Utilizing 3-Dimensional Modeling and Environmental Visualization Software (EVS) in Support of Forensic Investigations.
INEF.
Rebele, Leo M.

2009
A Meso-Scale Application of a Mixture of Nitrate/Phosphate and Oxygen Release Compound (ORC) to Remediate a Crude Oil Spill.
IPEC.
Rebele, Leo M., Arul Ayyaswami and Ian Ziraldo.

2009
Innovative Approaches to Negotiating A Guaranteed Fixed-Price Remediation (GFPR).
Contract.
Rebele, Leo M. and Arul Ayyaswami.

2008
Electrical Resistance Heating – Selection and Implementation at Brownfield Sites.
Presented at the Paths to Site Closure Workshop.
Rebele, Leo M.

2008
The Power of Combining Rapid Screening Technologies with Environmental Data Visualization Software.
Battelle Conference on the Remediation of Chlorinated and Recalcitrant Compounds.
Rebele, Leo M.

2003
Positive Marine Impacts Resulting From the Construction of Four Artificial Oil Exploration and Production Islands Within the Greater Long Beach/Los Angeles Harbor.
Oceans 2003 Conference.
Rebele, Leo M., Jon Houghton, Dennis Lees, Linda Arsenault, and John Kirby.

1997
An Evaluation of Citizen Volunteer Monitoring Initiatives in the National Estuary Program.
Thesis submitted in partial fulfillment of the requirements for an M.S. degree, College of Oceanic and Atmospheric Sciences, Oregon State University.
Rebele, Leo M.

1994
Observations on the Macrobenthos of a Tidal Flat Previously Affected by Sewage Pollution at Sturgeon Bank, British Columbia.
Submitted in partial fulfillment of the requirements for a B.Sc. degree at the University of British Columbia.
Rebele, Leo M., and Colin D. Levings.

REGISTRATIONS/CERTIFICATIONS

AHERA Certified Building Inspector; 1998

TRAINING/MEMBERSHIPS

40-Hour OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) Training at Clayton Environmental; 1998
Wetland Delineator; USACE; 1999
Environmental Forensics Short Course; Penn State University; 2013
Leadership in Urban Infill and Sustainable Communities; Urban Land Institute; 2012
Senior Project Manager Training; Gannett Fleming; 2012
Project Principal Training; PSMJ Resources; 2013
Business Development Training, Tetra Tech, 2015
8-Hour OSHA HAZWOPER Refresher Training; 2017

STEPHANIE T ECKELMAN

Senior Consultant 1



KEY COMPETENCIES

Stephanie Eckelman has been an environmental consultant since 2000. Stephanie has conducted numerous ASTM Phase I Environmental Site Assessments of commercial, industrial and residential properties. She has assisted with multiple soil, groundwater, and soil vapor investigations for subsurface investigations and groundwater monitoring programs. Stephanie has conducted multiple waste audits for clients and has helped prepare waste audit documentation forms.

PROJECTS

Phase I Environmental Site Assessment

Black Equities Warner Ctr Phase I, Woodland Hills, California, United States, Black Equities Group Ltd., 2018-2019

Ramboll conducted a Phase I ESA for the northwestern portion of a property (former Northrop Grumman facility "Parcel A") located at 5500 Canoga Ave and 21240 Burbank Blvd, Woodland Hills, CA, referred to by the client, Black Equities Group, as the Warner Center Project.

Site environmental auditor

Conduct the site visit, interview on-site personnel, contact agencies, update staff on site status and prepare closing report.

Manufacturing Facility Potential Relocation, Bakersfield, California, United States, 2008

Water supply availability research and compilation

Research and report preparation

Researched and prepared report detailing various Urban Water Management Plans in the Central Basin for client to make informed decision on future land use purchase.

Multiple Phase I ESA projects, California, United States, 2005-2020

Prepared ASTM Phase I reports, including site visits, agency records reviews, and aerial photograph reviews on numerous properties including manufacturing, commercial retail properties, defense-related facilities;

Consultant

conducted multiple Phase I ESA site audits, client communication, subcontractor communication, report preparation and staff scheduling as needed.

Phase I Environmental Site Assessments, California, United States, 2005-2020

Ramboll conducted Phase I Environmental Site Assessments on multiple private, public and municipal properties.

SPECIAL COMPETENCIES

Due Diligence Phase I ESA
Waste Audits
gINT boring log template creation

TOTAL YEARS OF EXPERIENCE

17

EDUCATION

1998 BS, Environmental Studies

COURSES/CERTIFICATIONS

2020 OSHA 40-hour Hazardous Waste Operations and Emergency Response Standard - HAZWOPER

Consultant
Conduct site visits, prepare written reports, interact with clients and agencies, contract with subcontractors and update additional staff if the project required additional Ramboll services.

Site Solutions

Investec: 2019 DryCleaner Comp Rev, Santa Barbara, Camarillo, Chula Vista, California, United States, Investec Real Estate, 2019
Ramboll conducted reviews of three drycleaners located at the Central Plaza Shopping Center, 708 Arneill Road, Camarillo, California; the Mesa Shopping Center, 1998 Cliff Drive at Meigs Road, Santa Barbara, California; and the Plaza at Sunbow, 601 East Palomar Street Chula Vista, California.
Site personnel
Conduct site inspection, conduct personnel interviews, prepare report and share findings with client.

Underground Storage Tank Removal Oversight, Alhambra, California, United States, 2018-2019
Multiple abandoned UST's located and removed from the site.
Field Supervisor
Tasks included scheduling subcontractors, overseeing UST removals, collection of confirmation sampling, agency oversight communication, and report preparation.

KS: Home Depot - LBP - California, California, United States, The Home Depot, 2017-2019
Ramboll Environ assisted in connection with an investigation involving Home Depot's renovation projects in homes that may have contained lead based paint.
Site auditor
Conducted lead based paint sampling oversight, coordinate subcontractors and residents, prepare written documentation.

Former Oil Field Pre- and Post- Stormwater Site Inspection, Santa Clarita, California, United States, 2007-2008
Conducted Storm Water Pollution Prevention Plan monitoring including pre- and post-storm surface inspection on a form large oil field
Inspector
Conduct pre- and post-storm water site investigation for damaged BMP's on a large vacant former oil field.

Lage Redevelopment Project, Santa Clarita, California, United States, 2006-2011
Conducted soil sampling, surface water runoff sampling, groundwater sampling, soil vapor sampling and groundwater pump tests at a 1000-acre property;
Site staff
Collect soil samples, storm water samples, groundwater sampling and soil vapor samples.

Pool Product Manufacturer, California, United States, 2002-2009
Prepared and submitted Wastewater Treatment Surcharge Statements and tracked Wastewater Treatment Surcharge Quartely Reports for a facility in South Los Angeles;
Site staff
Prepared wastewater treatment surcharge statements, updated staff and client on changes and maintained submission requirements.

Entertainment Industry, Glendale, California, United States, 2001
Managed well decommissioning, including permitting, for deep wells for various municipalities;
Onsite personnel
Managed well decommissioning, including permitting, for deep well located in Glendale.

Generate various boring log templates.

Baker: SSF Add. Site Investigation, Not specified, California, United States, Baker Properties, Inc., 2017-2018
Ramboll Environ conducted a soil, soil vapor, groundwater, and indoor air investigation at 160-180 Sylvester Road, South San Francisco, CA.
Boring log
Prepare MIP boring logs for the site.

Boring Log template generation, California, United States, Multiple client projects., 2015-2020
Prepared multiple subsurface boring log templates for multi-office use with gINT boring log software.
Boring Log Generator
Created and implemented new boring log templates and reports for numerous large scale projects.

Large Shipping Company: 2019 California Waste Audit, California, United States, Amazon.com Services Inc., 2019-2020
Ramboll performed an evaluation of the contents of municipal solid waste containers at three locations in California.
Waste Auditor
Conducted waste audit of compacted 40 cubic yard bin with agency oversight.

Telecommunication: CA CJ Audits, Not specified, California, United States, 2015-2020
Ramboll Environ conducted hazardous waste audits and trash sorts at multiple California locations of a telecommunications company in order to fulfill the requirements of a Consent Judgment against the company.
Auditor
Conducted multiple waste audits through multiple years at facilities throughout Southern and Central California.

NE Corner Victoria St/Central, Carson RAP, Corner of South Central Avenue and Victoria Street, Carson, CA, United States, The Carson Project Owner, LLC, 2017-2018
Ramboll prepared a Human Health Risk Assessment, conducted a statistical evaluation on distribution of chemicals, prepared a Remedial Action Plan and provided project management, attended meetings, and provided estimated costs for site remediation

APPENDIX F
SOIL BORING LOGS

FIELD SOIL BORING LOG

PROJECT NAME: REXFORD- IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 160900247.68-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE, CA
DATE: 1/10/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SB/V-1
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: 80Z JARS
HAMMER WEIGHT: -
DROP: -
TOTAL DEPTH: @5.5'
BOREHOLE DIAMETER: 3"
START TIME: 0900
STOP TIME: (Date if Necessary) 1015
BACKFILL TIME:
DATE:
BY:

COMMENTS: HA to 3.5', push to 5'
SV PROBES @ 5'
SOIL SAMPLES @ 2', 5'

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION
										0-6"	ASPHALT
										6"-5.5'	SAND w/ GRAVEL (SP) 2.5Y 4/3 OLIVE BROWN, 90% sand, 10% gravel, moist, ↑ (med grain, uniform)
						SB-1-2-220110	0932				
											TD = 5.5' BGS (REFUSAL)
											WELL CONSTRUCTION (BGS)
											5.5-4': #3 Monterey sandpack w/ probe @ 5'
						SB-1-5-220110	1002				4'-3': dry bentonite
											3'-0.5': bentonite grout
											0.5-GS: probe w/ sand

RAMBOLL

FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 1690024768-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE, CA
DATE: 1/10/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SV-2
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: ~~NA~~ GEOPROBE-DP
OTHER EQUIPMENT: HA
SAMPLING METHODS: NA
HAMMER WEIGHT: -
DROP: -
TOTAL DEPTH: 5.5'
BOREHOLE DIAMETER: 3"
START TIME: 0730
STOP TIME: (Date if Necessary) 0850
BACKFILL TIME:
DATE:
BY:

COMMENTS: HA to 3.5' BGS, PUSH TO 5.5' BGS (PER PM INST.)
SV PROBE @ 5' BGS

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION:
										0-6"	ASPHALT
										6"-3'	SAND W/GRAVEL (SP) 2.5Y 4/3 OLIVE BROWN 90%: uniformly-graded, med. grain sand, 10%: gravel, moist
					0.0						
										3'-5.5'	SAA except 95% sand, 5% gravel
											TD = 5.5' BGS
					0.0						WELL CONSTRUCTION (BGS)
											5.5-4': #3 Monterey sandpack w/ probe @ 5'
											4'-3': dry bentonite
											3'-0.5': bentonite grout
											0.5-GS: probe w/ sand

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FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 169002477 68-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE, CA
DATE: 1/11/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SB/V-3
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: 807 JARS
HAMMER WEIGHT: - DROP: -
TOTAL DEPTH: 15.5' BOREHOLE DIAMETER: 3"
START TIME: 0820 STOP TIME: (Date if Necessary) 0940
BACKFILL TIME: DATE: BY:

COMMENTS: HA to 3.5', push to 5'
SOIL SAMPLES @ 5', 10'
SV PROBES @ 5', 15'

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION
										0-1.5'	GRASS/DIRT
										1.5-5'	SAND w/ GRAVEL (SP) 2.5Y 4/3 OLIVE BROWN 90% uniform med. grain sand, 10% gravel, sl. moist
										5-15.5'	SAA except fine grain sand
					0.1	SB-3-5-220111	0936				
											TD = 15.5' BGS

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FIELD SOIL BORING LOG (Continued)

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	BORING ID: SB/V-3 JOB NAME/NUMBER: SAMPLE DESCRIPTION:
					0.2	SB-3-10-220111	0934				WELL CONSTRUCTION (BGS) 15.5-14': #3 Monterey sandpack w/probe @ 15' 14'-13': dry bentonite 13'-5.5': Bentonite grout 5.5'-4': #3 Monterey sandpack w/probe @ 5' 4'-3': dry bentonite 3'-0.5': bentonite grout 0.5-GS: probes w/sand

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RAMBOLL

FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 1690012476B-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE, CA
DATE: 1/10/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SB/V-4
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: 8OZ. JARS
HAMMER WEIGHT: – DROP: –
TOTAL DEPTH: 7.5' BOREHOLE DIAMETER: 3"
START TIME: 1300 STOP TIME: (Date if Necessary) 1435
BACKFILL TIME: DATE: BY:

COMMENTS: HA to 3.5', push to 7.5'
SOIL SAMPLES @ 5', 7'
SV PROBES @ 5', 7'

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOWS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION:
										0-6"	ASPHALT
										6"-5'	SAND w/ GRAVEL (SP) 2.5Y OLIVE BROWN 90% uniform med. grain sand, 10% gravel, sl. moist
										5'-7.5'	SAA except fine grain sand
					0.2	SB-4-5-220110	1426				TD = 7.5' (REFUSAL)
											WELL CONSTRUCTION
											(BGS)
					0.2	SB-4-7-220110	1430			7.5-6.5'	#3 Monterey sandpack w/probe @ 7'
										6.5-6'	dry bentonite
										6-5.5'	bentonite grout
										5.5-4'	#3 Monterey sandpack w/probe @ 5'
										4'-3'	dry bentonite
										3'-0.5'	bentonite grout
										0.5'-surface	probes w/sand

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FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 1690024768-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE, CA
DATE: 1/10/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SV-5
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: NA
HAMMER WEIGHT: -
DROP: -
TOTAL DEPTH: 5.5'
BOREHOLE DIAMETER: 3"
START TIME: 1020
STOP TIME: (Date if Necessary) 1100
BACKFILL TIME:
DATE:
BY:

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET
					0.0					
					0.0					

COMMENTS: HA to 3.5', push to 5.5' SV PROBE @5'

SAMPLE DESCRIPTION:

0-6" ASPHALT
6"-5.5' SAND w/ GRAVEL (SP) 2.5Y 4/3 OLIVE BROWN 90% uniform med. grain sand, 10% gravel, moist

TD = 5.5' BGS

WELL CONSTRUCTION
(BGS)
5.5'-4': #3 Monterey sandpack w/ probe @5'
4'-3': dry bentonite
3'-0.5': bentonite grout
0.5-0S: probe w/ sand

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FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 1690024768-002
PROJECT MANAGER: MPOMPA
PROJECT LOCATION: IRWINDALE
DATE: 1/10/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SB/V-6
DRILLING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: 80Z JARS
HAMMER WEIGHT: -
DROP: -
TOTAL DEPTH: 15.5'
BOREHOLE DIAMETER: 3"
START TIME: 1445
STOP TIME: (Date if Necessary) 0805 (1/11/22)
BACKFILL TIME:
DATE:
BY:

COMMENTS: HA to 3.5', push to 15.5'
SOIL SAMPLES @ 5', 10'
SV PROBES @ 5', 15'

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION:
										0-6"	ASPHALT
								1		6"-5'	SAND W/GRAVEL (SP) 2.5Y 4/3 OLIVE BROWN 90%: uniform med. grain sand, 10%: gravel sl. moist
								2			
								3			
								4			
								5		5'-15.5'	SAA except fine grain sand
					0.1	SB-6-5-220110	1620	6			TD=15.5' BGS
								7			
								8			
								9			
								10			

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FIELD SOIL BORING LOG (Continued)

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	BORING ID: SB/V-6 JOB NAME/NUMBER: SAMPLE DESCRIPTION:
					0.2	SB-6-10-220111	0756	11			WELL CONSTRUCTION (BGS) 15.5-14': #3 Monterey sandpack w/ probe @ 15' 14'-13': dry bentonite 13'-5.5': bentonite grout 5.5'-4': #3 Monterey sandpack with probe @ 5' 4'-3': dry bentonite 3'-0.5': bentonite grout 0.5-GS: probes w/ sand
								12			
								13			
								14			
								15			
								16			
								7			
								8			
								9			
								0			
								1			
								2			
								3			
								4			
								5			
								6			
								7			
								8			
								9			
								0			

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FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 1690024768-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE, CA
DATE: 1/10/22

BORING LOCATION MAP

SOIL BORING NUMBER: SB/V-7
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: 80Z JARS
HAMMER WEIGHT: -
DROP: -
TOTAL DEPTH: 15.5'
BOREHOLE DIAMETER: 3"
START TIME: 1110
STOP TIME: (Date if Necessary)
BACKFILL TIME:
DATE:
BY:

COMMENTS: HA to 3.5', push to 15'
SOIL SAMPLES @ 5', 10'
SV PROBES @ 5', 15'

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION
										0-6"	ASPHALT
								1		6"-5'	SAND w/GRAVEL (SP) 2.5Y4/3 OLIVE BROWN, 90% uniform med. grain sand, 10% gravel, moist
								2			
								3			
								4			
								5			
					0.5	SB-7-5-220110	1158	6		5'-15.5'	SAA except fine grain sand
								7			TD=15.5' BGS
								8			
								9			
								10			

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FIELD SOIL BORING LOG (Continued)

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	BORING ID: SB/V-7 JOB NAME/NUMBER: SAMPLE DESCRIPTION:
					1.6	SB-7-10-220110	1202	11			WELL CONSTRUCTION
										(BGS)	
								12		15.5-14': #3 Monterey sandpack w/probe @ 15'	
										14'-13': dry bentonite	
								13		13'-5.5': bentonite grout	
										5.5'-4': #3 Monterey sandpack w/probe @ 5'	
								14		4'-3': dry bentonite	
										3'-0.5': bentonite grout	
								15		0.5'-0.5': probes w/sand	
								16			
								7			
								8			
								9			
								0			
								1			
								2			
								3			
								4			
								5			
								6			
								7			
								8			
								9			
								0			

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FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 1690024768-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE, CA
DATE: 1/11/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SB/V-8
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: 80Z. JARS
HAMMER WEIGHT: -
DROP: -
TOTAL DEPTH: 15.5'
BOREHOLE DIAMETER: 3"
START TIME: 1145
STOP TIME: (Date if Necessary) 1230
BACKFILL TIME:
DATE:
BY:

COMMENTS: HA to 3.5', push to 15.5'
SOIL SAMPLES @ 5', 10'
SV PROBES @ 5', 15'

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION
										0-1.5'	GRASS/DIRT
										1.5'-5'	SAND w/ GRAVEL (SP) 2.5Y 4/3 OLIVE BROWN 90% uniform med. grain sand, 10% gravel, sl. moist
					0.2	SB-8-5-220111	1220			5'-15.5'	SAA except fine grain sand
											TD=15.5' BGS

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2111 East Highland Avenue, Suite 402, Phoenix, AZ 85016 (602) 734-7700 | (602) 734-7701 Fax

RAMBOLL

FIELD SOIL BORING LOG (Continued)

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USCS CODE/ CONTACT	DEPTH IN FEET	BORING ID: SB/V-8 JOB NAME/NUMBER: SAMPLE DESCRIPTION:
					0.1	SB-8-10-220111	1222				WELL CONSTRUCTION
								11			(BGS)
											15.5-14': #3 Monterey sandpack w/ probe @ 15'
								12			14'-13': dry bentonite
											13'-5.5': bentonite grout
								13			5.5'-4': #3 Monterey sandpack w/ probe @ 5'
											4'-3': dry bentonite
								14			3'-0.5': bentonite grout
											0.5-GS': probes w/ sand
								15			
								16			
								7			
								8			
								9			
								0			
								1			
								2			
								3			
								4			
								5			
								6			
								7			
								8			
								9			
								0			

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RAMBOLL

FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 1690024768-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE, CA
DATE: 1/11/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SB/V-9
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: 807 JARS
HAMMER WEIGHT: - | DROP: -
TOTAL DEPTH: 15.5' | BOREHOLE DIAMETER: 3"
START TIME: 1000 | STOP TIME: (Date if Necessary) 1135
BACKFILL TIME: | DATE: | BY:

COMMENTS: HA to 3.5', push to 15.5'
SOIL SAMPLES @ 5', 10'
SV PROBES @ 5', 15'

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION:
										0-6"	ASPHALT
										6"-5'	SAND w/GRAVEL (SP) 2.5Y 4/3 OLIVE BROWN 90% uniform med. grain sand, 10% gravel sl. moist
					0.3	SB-9-5-220111	1130			5'-15.5'	SAA except fine grain sand
											TD = 15.5' BGS

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RAMBOLL

FIELD SOIL BORING LOG (Continued)

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	BORING ID: SB/V-9 JOB NAME/NUMBER: SAMPLE DESCRIPTION:
					0.2	SB-9-10-220111	1134	11			WELL CONSTRUCTION (BGS)
								12		15.5-14': #3 Monterey sandpack w/probe @15' 14'-13': dry bentonite 13'-5.5': bentonite grout 5.5'-4': #3 Monterey sandpack w/probe @5' 4'-3': dry bentonite 3'-0.5': bentonite grout 0.5-GS: probes w/sand	
								13			
								14			
								15			
								16			
								7			
								8			
								9			
								0			
								1			
								2			
								3			
								4			
								5			
								6			
								7			
								8			
								9			
								0			

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RAMBOLL

FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 1690024768-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE, CA
DATE: 1/11/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SB/V-10
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: 80Z JARS
HAMMER WEIGHT: — DROP: —
TOTAL DEPTH: 15.5' BOREHOLE DIAMETER: 3"
START TIME: 1310 STOP TIME: (Date if Necessary) 1410
BACKFILL TIME: DATE: BY:

COMMENTS: HA to 3.5', push to 15.5'
SOIL SAMPLES @ 5', 10'
SV PROBES @ 5', 15'

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION:
										0-6"	ASPHALT
										6"-5'	SAND w/ GRAVEL (SP) 2.5Y 4/3 OLIVE BROWN 90% uniform med. grain sand, 10% gravel, (s). moist
										5'-15.5'	SAA except fine grain sand
					0.1	SB-10-5-220111	1350				TD = 15.5' BGS

Office Locations: 5 Park Plaza, Suite 500, Irvine, CA 92614 (949) 261-5151 | (949) 261-6202 Fax
350 S Grand Avenue, Suite 2800, Los Angeles, CA 90071 (213) 943-6300 | (213) 943-6301 Fax
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RAMBOLL

FIELD SOIL BORING LOG (Continued)

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	BORING ID: SB/V-10 JOB NAME/NUMBER: SAMPLE DESCRIPTION:
					0.3	SB-10-10-220111	1352				WELL CONSTRUCTION
								11		(BGS)	
										15.5-14': #3 Monterey sandpack w/probe @ 15'	
								12		14-13': dry bentonite	
										13'-5.5': bentonite grout	
								13		5.5-4': #3 Monterey sandpack w/ probe @ 5'	
										4'-3': dry bentonite	
								14		3':0.5': bentonite grout	
										0.5'-GS: probes w/ sand	
								15			
								16			
								7			
								8			
								9			
								0			
								1			
								2			
								3			
								4			
								5			
								6			
								7			
								8			
								9			
								0			

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RAMBOLL

FIELD SOIL BORING LOG

PROJECT NAME: REXFORD - IRWINDALE
FIELD PERSON: N. KRAWEC
PROJECT NUMBER: 1690024768-002
PROJECT MANAGER: M. POMPA
PROJECT LOCATION: IRWINDALE
DATE: 1/11/2022

BORING LOCATION MAP

SOIL BORING NUMBER: SV-11
DRILING CONTRACTOR: INTERPHASE
DRILLER: ERIK
RIG TYPE: GEOPROBE
OTHER EQUIPMENT: HA
SAMPLING METHODS: NA
HAMMER WEIGHT: — DROP: —
TOTAL DEPTH: 5.5' BOREHOLE DIAMETER: 3"
START TIME: 1415 STOP TIME: (Date if Necessary) 1500
BACKFILL TIME: DATE: BY:

COMMENTS: HA to 3.5', push to 5.5'
SV PROBE @ 5'

SAMPLE DEPTH	SAMPLER TYPE	BLOWS IN 6 INCHES	FEET DRIVEN	FEET RECOVERED	PID/FID (TOVS)	SAMPLE NUMBER	TIME	DEPTH IN FEET	USGS CODE/ CONTACT	DEPTH IN FEET	SAMPLE DESCRIPTION
										0-6"	ASPHALT
								1		6": 5.5'	SAND W/GRAVEL (SP) 2.5Y 4/3 OLIVE BROWN 90%. uniform med grain sand, 10%. gravel, sl. moist
					0.5			2			
								3			TD = 5.5' BGS
								4			WELL CONSTRUCTION
								5		(BGS)	5.5'-4': #3 Monterey sandpack w/ probe @ 5'
					0.4						4'-3': dry bentonite
								6			3'-0.5': bentonite grout
											0.5'-GS: probe w/ schd
								7			
								8			
								9			
								10			

Office Locations: 5 Park Plaza, Suite 500, Irvine, CA 92614 (949) 261-5151 | (949) 261-6202 Fax
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APPENDIX G
LABORATORY ANALYTICAL REPORTS

A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng Ken ZHeng, President 01/14/2022 16:06:09
Laboratory Job No. (Certificate of Analysis No.)	2201-00081
Project Name / No.	14005 Live Oak Ave Irwindale, CA 91706
Dates Sampled (from/to)	01/13/22 To 01/13/22
Dates Received (from/to)	01/13/22 To 01/13/22
Dates Reported (from/to)	01/14/22 To 1/14/2022
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
SV-6-15	Tetrachloroethene	**0.030**		µg/L	0.025	SV-9-15	Tetrachloroethene	**0.060**		µg/L	0.025

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 001 **SV-4-5** Date & Time Sampled: 01/13/22 @ 7:46
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	7:56	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	7:56	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	7:56	IG
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	7:56	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	7:56	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	7:56	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 001 **SV-4-5** Date & Time Sampled: 01/13/22 @ 7:46
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	7:56	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	7:56	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	7:56	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	7:56	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 001 **SV-4-5**							Date & Time Sampled:	01/13/22	@	7:46
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	7:56	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	7:56	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	7:56	IG
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	7:56	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	7:56	IG
[VOC Surrogates]										
Dibromofluoromethane	98		%REC	EPA 8260B			70-130	01/13/22	7:56	IG
Toluene-D8	94		%REC	EPA 8260B			70-130	01/13/22	7:56	IG
Bromofluorobenzene	83		%REC	EPA 8260B			70-130	01/13/22	7:56	IG
Sample: 002 **SV-5-5**							Date & Time Sampled:	01/13/22	@	8:13
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	8:23	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	8:23	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	8:23	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 002 **SV-5-5** Date & Time Sampled: 01/13/22 @ 8:13
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	8:23	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	8:23	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	8:23	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 002 **SV-5-5** Date & Time Sampled: 01/13/22 @ 8:13
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	8:23	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	8:23	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	8:23	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	8:23	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	8:23	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	8:23	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	8:23	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 002 **SV-5-5**							Date & Time Sampled:	01/13/22	@	8:13
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	8:23	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	8:23	IG
[VOC Surrogates]										
Dibromofluoromethane	99		%REC	EPA 8260B			70-130	01/13/22	8:23	IG
Toluene-D8	93		%REC	EPA 8260B			70-130	01/13/22	8:23	IG
Bromofluorobenzene	84		%REC	EPA 8260B			70-130	01/13/22	8:23	IG
Sample: 003 **SV-6-5**							Date & Time Sampled:	01/13/22	@	8:56
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:06	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	9:06	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:06	IG
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:06	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:06	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	9:06	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 003 **SV-6-5** Date & Time Sampled: 01/13/22 @ 8:56
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:06	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	9:06	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 003 **SV-6-5** Date & Time Sampled: 01/13/22 @ 8:56
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:06	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	9:06	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	9:06	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	9:06	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	9:06	IG
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:06	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:06	IG
[VOC Surrogates]										
Dibromofluoromethane	94		%REC	EPA 8260B			70-130	01/13/22	9:06	IG
Toluene-D8	92		%REC	EPA 8260B			70-130	01/13/22	9:06	IG
Bromofluorobenzene	82		%REC	EPA 8260B			70-130	01/13/22	9:06	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 004 **SV-6-15** Date & Time Sampled: 01/13/22 @ 9:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:34	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	9:34	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:34	IG
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:34	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:34	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	9:34	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 004 **SV-6-15** Date & Time Sampled: 01/13/22 @ 9:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:34	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	9:34	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:34	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	9:34	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Tetrachloroethene	**0.030**		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported	01/14/22
Date Received	01/13/22
Invoice No.	93849
Cust #	1567
Permit Number	
Customer P.O.	

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 004 **SV-6-15**							Date & Time Sampled:	01/13/22	@	9:20
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	9:34	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	9:34	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	9:34	IG
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	9:34	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	9:34	IG
[VOC Surrogates]										
Dibromofluoromethane	108		%REC	EPA 8260B			70-130	01/13/22	9:34	IG
Toluene-D8	93		%REC	EPA 8260B			70-130	01/13/22	9:34	IG
Bromofluorobenzene	88		%REC	EPA 8260B			70-130	01/13/22	9:34	IG
Sample: 005 **SV-7-5**							Date & Time Sampled:	01/13/22	@	10:10
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:19	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	10:19	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:19	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 005 **SV-7-5** Date & Time Sampled: 01/13/22 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:19	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:19	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	10:19	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 005 **SV-7-5** Date & Time Sampled: 01/13/22 @ 10:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:19	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	10:19	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:19	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	10:19	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	10:19	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	10:19	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	10:19	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 005 **SV-7-5**							Date & Time Sampled:	01/13/22	@	10:10
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:19	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:19	IG
[VOC Surrogates]										
Dibromofluoromethane	109		%REC	EPA 8260B			70-130	01/13/22	10:19	IG
Toluene-D8	94		%REC	EPA 8260B			70-130	01/13/22	10:19	IG
Bromofluorobenzene	88		%REC	EPA 8260B			70-130	01/13/22	10:19	IG
Sample: 006 **SV-7-15**							Date & Time Sampled:	01/13/22	@	10:30
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:40	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	10:40	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:40	IG
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:40	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:40	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	10:40	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 006 **SV-7-15** Date & Time Sampled: 01/13/22 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:40	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	10:40	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 006 **SV-7-15** Date & Time Sampled: 01/13/22 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:40	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	10:40	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	10:40	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	10:40	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	10:40	IG
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	10:40	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	10:40	IG
[VOC Surrogates]										
Dibromofluoromethane	101		%REC	EPA 8260B			70-130	01/13/22	10:40	IG
Toluene-D8	94		%REC	EPA 8260B			70-130	01/13/22	10:40	IG
Bromofluorobenzene	85		%REC	EPA 8260B			70-130	01/13/22	10:40	IG

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CERTIFICATE OF ANALYSIS

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INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 007 **SV-8-5** Date & Time Sampled: 01/13/22 @ 11:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	11:20	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	11:20	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	11:20	IG
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	11:20	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	11:20	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	11:20	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 007 **SV-8-5** Date & Time Sampled: 01/13/22 @ 11:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	11:20	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	11:20	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	11:20	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	11:20	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 007 **SV-8-5**							Date & Time Sampled:	01/13/22	@	11:10
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	11:20	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	11:20	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	11:20	IG
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	11:20	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	11:20	IG
[VOC Surrogates]										
Dibromofluoromethane	97		%REC	EPA 8260B			70-130	01/13/22	11:20	IG
Toluene-D8	94		%REC	EPA 8260B			70-130	01/13/22	11:20	IG
Bromofluorobenzene	85		%REC	EPA 8260B			70-130	01/13/22	11:20	IG
Sample: 008 **SV-8-15**							Date & Time Sampled:	01/13/22	@	14:45
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:55	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	2:55	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:55	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 008 **SV-8-15** Date & Time Sampled: 01/13/22 @ 14:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:55	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:55	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	2:55	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 008 **SV-8-15** Date & Time Sampled: 01/13/22 @ 14:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:55	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	2:55	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:55	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	2:55	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	2:55	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	2:55	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	2:55	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 008 **SV-8-15**							Date & Time Sampled:	01/13/22	@	14:45
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:55	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:55	IG
[VOC Surrogates]										
Dibromofluoromethane	88		%REC	EPA 8260B			70-130	01/13/22	2:55	IG
Toluene-D8	94		%REC	EPA 8260B			70-130	01/13/22	2:55	IG
Bromofluorobenzene	84		%REC	EPA 8260B			70-130	01/13/22	2:55	IG
Sample: 009 **SV-9-5**							Date & Time Sampled:	01/13/22	@	12:00
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:08	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	12:08	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:08	IG
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:08	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:08	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	12:08	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 009 **SV-9-5** Date & Time Sampled: 01/13/22 @ 12:00
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:08	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	12:08	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 009 **SV-9-5** Date & Time Sampled: 01/13/22 @ 12:00
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:08	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	12:08	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	12:08	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	12:08	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	12:08	IG
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:08	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:08	IG
[VOC Surrogates]										
Dibromofluoromethane	89		%REC	EPA 8260B			70-130	01/13/22	12:08	IG
Toluene-D8	93		%REC	EPA 8260B			70-130	01/13/22	12:08	IG
Bromofluorobenzene	82		%REC	EPA 8260B			70-130	01/13/22	12:08	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 010 **SV-9-15** Date & Time Sampled: 01/13/22 @ 12:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:32	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	12:32	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:32	IG
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:32	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:32	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	12:32	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 010 **SV-9-15** Date & Time Sampled: 01/13/22 @ 12:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:32	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	12:32	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:32	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	12:32	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Tetrachloroethene	**0.060**		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 010 **SV-9-15**							Date & Time Sampled:	01/13/22	@	12:20
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	12:32	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	12:32	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	12:32	IG
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:32	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:32	IG
[VOC Surrogates]										
Dibromofluoromethane	86		%REC	EPA 8260B			70-130	01/13/22	12:32	IG
Toluene-D8	93		%REC	EPA 8260B			70-130	01/13/22	12:32	IG
Bromofluorobenzene	83		%REC	EPA 8260B			70-130	01/13/22	12:32	IG
Sample: 011 **SV-10-5**							Date & Time Sampled:	01/13/22	@	12:48
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:58	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	12:58	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:58	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 011 **SV-10-5** Date & Time Sampled: 01/13/22 @ 12:48
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:58	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:58	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	12:58	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 011 **SV-10-5** Date & Time Sampled: 01/13/22 @ 12:48
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:58	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	12:58	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:58	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	12:58	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	12:58	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	12:58	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	12:58	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 011 **SV-10-5**							Date & Time Sampled:	01/13/22	@	12:48
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	12:58	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	12:58	IG
[VOC Surrogates]										
Dibromofluoromethane	103		%REC	EPA 8260B			70-130	01/13/22	12:58	IG
Toluene-D8	95		%REC	EPA 8260B			70-130	01/13/22	12:58	IG
Bromofluorobenzene	91		%REC	EPA 8260B			70-130	01/13/22	12:58	IG
Sample: 012 **SV-10-15**							Date & Time Sampled:	01/13/22	@	13:13
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:23	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	1:23	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:23	IG
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:23	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:23	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	1:23	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported	01/14/22
Date Received	01/13/22
Invoice No.	93849
Cust #	1567
Permit Number	
Customer P.O.	

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 012 **SV-10-15** Date & Time Sampled: 01/13/22 @ 13:13
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:23	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	1:23	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 012 **SV-10-15** Date & Time Sampled: 01/13/22 @ 13:13
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:23	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	1:23	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	1:23	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	1:23	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	1:23	IG
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:23	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:23	IG
[VOC Surrogates]										
Dibromofluoromethane	104		%REC	EPA 8260B			70-130	01/13/22	1:23	IG
Toluene-D8	95		%REC	EPA 8260B			70-130	01/13/22	1:23	IG
Bromofluorobenzene	88		%REC	EPA 8260B			70-130	01/13/22	1:23	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 013 **SV-11-5** Date & Time Sampled: 01/13/22 @ 13:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:49	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	1:49	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:49	IG
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:49	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:49	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	1:49	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 013 **SV-11-5** Date & Time Sampled: 01/13/22 @ 13:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:49	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	1:49	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:49	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	1:49	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 013 **SV-11-5**							Date & Time Sampled:	01/13/22	@	13:40
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	1:49	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	1:49	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	1:49	IG
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	1:49	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	1:49	IG
[VOC Surrogates]										
Dibromofluoromethane	101		%REC	EPA 8260B			70-130	01/13/22	1:49	IG
Toluene-D8	94		%REC	EPA 8260B			70-130	01/13/22	1:49	IG
Bromofluorobenzene	84		%REC	EPA 8260B			70-130	01/13/22	1:49	IG
Sample: 014 **SV-11-5DUP**							Date & Time Sampled:	01/13/22	@	13:40
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:18	IG
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/13/22	2:18	IG
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:18	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 014 **SV-11-5DUP** Date & Time Sampled: 01/13/22 @ 13:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:18	IG
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:18	IG
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/13/22	2:18	IG
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/14/22
Date Received 01/13/22
Invoice No. 93849
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 014 **SV-11-5DUP** Date & Time Sampled: 01/13/22 @ 13:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:18	IG
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/13/22	2:18	IG
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:18	IG
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/13/22	2:18	IG
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/13/22	2:18	IG
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/13/22	2:18	IG
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/13/22	2:18	IG

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CERTIFICATE OF ANALYSIS

2201-00081

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported	01/14/22
Date Received	01/13/22
Invoice No.	93849
Cust #	1567
Permit Number	
Customer P.O.	

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 014 **SV-11-5DUP**								Date & Time Sampled:	01/13/22 @	13:40
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/13/22	2:18	IG
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/13/22	2:18	IG
[VOC Surrogates]										
Dibromofluoromethane	97		%REC	EPA 8260B			70-130	01/13/22	2:18	IG
Toluene-D8	93		%REC	EPA 8260B			70-130	01/13/22	2:18	IG
Bromofluorobenzene	84		%REC	EPA 8260B			70-130	01/13/22	2:18	IG

Respectfully Submitted: Ken Zheng

Ken Zheng - President

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician

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USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research

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QUALITY CONTROL DATA REPORT

INTERPHASE
LOS ANGELES, CA 90040

2201-00081

Date Reported	**01/14/2022**
Date Received	**01/13/2022**
Date Sampled	**01/13/2022**
Invoice No.	**93849**
Customer #	**1567**
Customer P.O.	

Project: 14005 Live Oak Ave Irwindale, CA 91706

Method # EPA 8260B
QC Reference # 100435 **Date Analyzed:** 1/13/2022 **Technician:** IG
Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014

Results

	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC
1,1-Dichloroethene	124	96	24.8	
Benzene	94	88	6.9	
Bromofluorobenzene				87
Chlorobenzene	85	79	8.4	
Dibromofluoromethan				101
Toluene	97	88	10.1	
Toluene-D8				92
Trichloroethene	103	95	8.5	

Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	

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QUALITY CONTROL DATA REPORT

INTERPHASE

2201-00081

Date Reported 01/14/2022
Date Received 01/13/2022
Date Sampled 01/13/2022

Project: 14005 Live Oak Ave Irwindale, CA 91706

Method blank results

Ref	Test Name	Result	Qualif	Units	MDL
100435	Acetone	<0.1250		µg/L	0.1250
	t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	0.0125
	Benzene	<0.0060		µg/L	0.0060
	Bromobenzene	<0.0125		µg/L	0.0125
	Bromochloromethane	<0.0125		µg/L	0.0125
	Bromodichloromethane	<0.0125		µg/L	0.0125
	Bromoform	<0.0125		µg/L	0.0125
	Bromomethane	<0.0125		µg/L	0.0125
	t-Butanol (TBA)	<0.1250		µg/L	0.1250
	2-Butanone (MEK)	<0.1250		µg/L	0.1250
	n-Butylbenzene	<0.0125		µg/L	0.0125
	sec-Butylbenzene	<0.0125		µg/L	0.0125
	tert-Butylbenzene	<0.0125		µg/L	0.0125
	Carbon Disulfide	<0.1250		µg/L	0.1250
	Carbon Tetrachloride	<0.0063		µg/L	0.0063
	Chlorobenzene	<0.0125		µg/L	0.0125
	Chloroethane	<0.0125		µg/L	0.0125
	Chloroform	<0.0125		µg/L	0.0125
	Chloromethane	<0.0125		µg/L	0.0125
	2-Chlorotoluene	<0.0125		µg/L	0.0125
	4-Chlorotoluene	<0.0125		µg/L	0.0125
	Dibromochloromethane	<0.0125		µg/L	0.0125
	1,2-Dibromoethane (EDB)	<0.0125		µg/L	0.0125
	1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	0.0125
	Dibromomethane	<0.0125		µg/L	0.0125
	1,2-Dichlorobenzene	<0.0125		µg/L	0.0125
	1,3-Dichlorobenzene	<0.0125		µg/L	0.0125
	1,4-Dichlorobenzene	<0.0125		µg/L	0.0125
	Dichlorodifluoromethane	<0.0125		µg/L	0.0125
	1,1-Dichloroethane	<0.0125		µg/L	0.0125
	1,2-Dichloroethane	<0.0125		µg/L	0.0125
	1,1-Dichloroethene	<0.0125		µg/L	0.0125
	cis-1,2-Dichloroethene	<0.0125		µg/L	0.0125
	trans-1,2-Dichloroethene	<0.0125		µg/L	0.0125
	1,2-Dichloropropane	<0.0125		µg/L	0.0125
	1,3-Dichloropropane	<0.0125		µg/L	0.0125
	2,2-Dichloropropane	<0.0125		µg/L	0.0125
	1,1-Dichloropropene	<0.0125		µg/L	0.0125
	cis-1,3-Dichloropropene	<0.0125		µg/L	0.0125
	trans-1,3-Dichloropropene	<0.0125		µg/L	0.0125
	Diisopropyl Ether (DiPE)	<0.0125		µg/L	0.0125
	Ethylbenzene	<0.0125		µg/L	0.0125
	Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	0.0125
	Hexachlorobutadiene	<0.0125		µg/L	0.0125
	2-Hexanone	<0.1250		µg/L	0.1250
	Isopropylbenzene	<0.0125		µg/L	0.0125
	4-Isopropyltoluene	<0.0125		µg/L	0.0125
	Methylene Chloride	<0.0125		µg/L	0.0125
	4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	0.1250
	Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	0.0125
	Naphthalene	<0.0080		µg/L	0.0080
	n-Propylbenzene	<0.0125		µg/L	0.0125
	Styrene	<0.0125		µg/L	0.0125
	1,1,1,2-Tetrachloroethane	<0.0125		µg/L	0.0125
	1,1,2,2-Tetrachloroethane	<0.0125		µg/L	0.0125
	Tetrachloroethene	<0.0125		µg/L	0.0125
	Toluene	<0.0125		µg/L	0.0125
	1,2,3-Trichlorobenzene	<0.0125		µg/L	0.0125
	1,2,4-Trichlorobenzene	<0.0125		µg/L	0.0125
	1,1,1-Trichloroethane	<0.0125		µg/L	0.0125
	1,1,2-Trichloroethane	<0.0125		µg/L	0.0125
	Trichloroethene	<0.0125		µg/L	0.0125
	1,2,3-Trichloropropane	<0.0050		µg/L	0.0050
	Trichlorofluoromethane	<0.0125		µg/L	0.0125
	Trichlorotrifluoroethane	<0.0125		µg/L	0.0125
	1,2,4-Trimethylbenzene	<0.0125		µg/L	0.0125
	1,3,5-Trimethylbenzene	<0.0125		µg/L	0.0125
	Vinyl Chloride	<0.0020		µg/L	0.0020
	m,p-Xylenes	<0.0250		µg/L	0.0250
	o-Xylene	<0.0125		µg/L	0.0125
	Isopropanol (IPA)	<0.1250		µg/L	0.1250

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QUALITY CONTROL DATA REPORT

INTERPHASE

2201-00081

Date Reported	**01/14/2022**
Date Received	**01/13/2022**
Date Sampled	**01/13/2022**

Project: 14005 Live Oak Ave Irwindale, CA 91706

Respectfully Submitted: Ken Zheng

Ken Zheng - President

ARL

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1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
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~~CHAIN~~ OF CUSTODY

A & R Work Order #: 2201-81

Page 1 of 1

Client Name: InterPhase Env.
E-mail: office@interphaseenvironmental.com
Address: 6200 Peachtree St., LA. CA 90040
Report Attention: Rose W. | Phone #: 323 278 7700 | Fax: # | Sampled By: KZ
Project No./ Name:
Project Site: 14005 Live Oak Ave., Irwindale

☐ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal Mobile

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	8260B / 8015 (Gasoline)	8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Remarks
-1	SV-4-5	1/13/22	7:46	Air		250 ml G	X									
-2	SV-5-5	"	8:13	"		"	"									
-3	SV-6-5	"	8:56	"		"	"									
-4	↓ -15	"	9:20	"		"	"									
-5	SV-7-5	"	10:10	"		"	"									
-6	↓ -15	"	10:30	"		"	"									
-7	SV-8-5	"	11:10	"		"	"									
-8	↓ -15	"	14:45	"		"	"									
-9	SV-9-5	"	12:00	"		"	"									
-10	↓ -15	"	12:20	"		"	"									
-11	SV-10-5	"	12:48	"		"	"									
-12	↓ -15	"	13:13	"		"	"									
-13	SV-11-5	"	13:40	"		"	"									
-14	SV-11-5D43	↓	13:40	↓		↓	↓									

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]		1/13/22	15:14	[signature]	ARL	1/13/22	15:14
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=HNO_3; SH=NaOH; ST=$Na_2S_2O_3$; HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng Ken ZHeng, President 01/17/2022 10:39:35
Laboratory Job No. (Certificate of Analysis No.)	2201-00082
Project Name / No.	14005 Live Oak Ave Irwindale, CA 91706
Dates Sampled (from/to)	01/14/22 To 01/14/22
Dates Received (from/to)	01/14/22 To 01/14/22
Dates Reported (from/to)	01/17/22 To 1/17/2022
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
SV-3-5	1,2,4-Trimethylbenzene	**0.030**		µg/L	0.025	SV-3-5	Benzene	***0.020***	J	µg/L	0.025
SV-3-5	Ethylbenzene	***0.020***	J	µg/L	0.025	SV-3-5	Tetrachloroethene	**0.030**		µg/L	0.025
SV-3-5	Toluene	**0.10**		µg/L	0.025	SV-3-5	o-Xylene	***0.020***	J	µg/L	0.025
SV-3-15	Tetrachloroethene	**0.040**		µg/L	0.025	SV-3-15DUP	Tetrachloroethene	**0.040**		µg/L	0.025

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 001 **SV-1-5** Date & Time Sampled: 01/14/22 @ 9:02
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	9:12	KZ
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/14/22	9:12	KZ
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	9:12	KZ
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	9:12	KZ
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	9:12	KZ
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/14/22	9:12	KZ
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 001 **SV-1-5** Date & Time Sampled: 01/14/22 @ 9:02
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	9:12	KZ
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/14/22	9:12	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	9:12	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/14/22	9:12	KZ
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 001 **SV-1-5**							Date & Time Sampled:	01/14/22	@	9:02
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/14/22	9:12	KZ
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/14/22	9:12	KZ
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/14/22	9:12	KZ
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	9:12	KZ
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	9:12	KZ
[VOC Surrogates]										
Dibromofluoromethane	97		%REC	EPA 8260B			70-130	01/14/22	9:12	KZ
Toluene-D8	94		%REC	EPA 8260B			70-130	01/14/22	9:12	KZ
Bromofluorobenzene	84		%REC	EPA 8260B			70-130	01/14/22	9:12	KZ
Sample: 002 **SV-2-5**							Date & Time Sampled:	01/14/22	@	10:25
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:33	KZ
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/14/22	10:33	KZ
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:33	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 002 **SV-2-5** Date & Time Sampled: 01/14/22 @ 10:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:33	KZ
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:33	KZ
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/14/22	10:33	KZ
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 002 **SV-2-5** Date & Time Sampled: 01/14/22 @ 10:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:33	KZ
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/14/22	10:33	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:33	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/14/22	10:33	KZ
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Tetrachloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/14/22	10:33	KZ
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/14/22	10:33	KZ
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/14/22	10:33	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 002 **SV-2-5**							Date & Time Sampled:	01/14/22	@	10:25
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:33	KZ
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:33	KZ
[VOC Surrogates]										
Dibromofluoromethane	104		%REC	EPA 8260B			70-130	01/14/22	10:33	KZ
Toluene-D8	94		%REC	EPA 8260B			70-130	01/14/22	10:33	KZ
Bromofluorobenzene	88		%REC	EPA 8260B			70-130	01/14/22	10:33	KZ
Sample: 003 **SV-3-5**							Date & Time Sampled:	01/14/22	@	10:00
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:10	KZ
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Benzene	***0.020***	J	µg/L	EPA 8260B	0.3	0.0060	0.025	01/14/22	10:10	KZ
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:10	KZ
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:10	KZ
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:10	KZ
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/14/22	10:10	KZ
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 003 **SV-3-5** Date & Time Sampled: 01/14/22 @ 10:00
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Ethylbenzene	***0.020***	J	µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:10	KZ
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/14/22	10:10	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 003 **SV-3-5** Date & Time Sampled: 01/14/22 @ 10:00
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:10	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/14/22	10:10	KZ
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Tetrachloroethene	**0.030**		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Toluene	**0.10**		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/14/22	10:10	KZ
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,2,4-Trimethylbenzene	**0.030**		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/14/22	10:10	KZ
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/14/22	10:10	KZ
o-Xylene	***0.020***	J	µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:10	KZ
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:10	KZ
[VOC Surrogates]										
Dibromofluoromethane	106		%REC	EPA 8260B			70-130	01/14/22	10:10	KZ
Toluene-D8	94		%REC	EPA 8260B			70-130	01/14/22	10:10	KZ
Bromofluorobenzene	90		%REC	EPA 8260B			70-130	01/14/22	10:10	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 004 **SV-3-15** Date & Time Sampled: 01/14/22 @ 10:43
Sample Matrix: **Air**
Purge Volume Sampled: **3**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:55	KZ
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/14/22	10:55	KZ
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:55	KZ
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:55	KZ
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:55	KZ
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/14/22	10:55	KZ
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 004 **SV-3-15** Date & Time Sampled: 01/14/22 @ 10:43
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:55	KZ
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/14/22	10:55	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:55	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/14/22	10:55	KZ
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Tetrachloroethene	**0.040**		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 004 **SV-3-15**							Date & Time Sampled:	01/14/22	@	10:43
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/14/22	10:55	KZ
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/14/22	10:55	KZ
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/14/22	10:55	KZ
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	10:55	KZ
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	10:55	KZ
[VOC Surrogates]										
Dibromofluoromethane	101		%REC	EPA 8260B			70-130	01/14/22	10:55	KZ
Toluene-D8	94		%REC	EPA 8260B			70-130	01/14/22	10:55	KZ
Bromofluorobenzene	87		%REC	EPA 8260B			70-130	01/14/22	10:55	KZ
Sample: 005 **SV-3-15DUP**							Date & Time Sampled:	01/14/22	@	10:43
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
[VOCs by GCMS]										
Acetone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	11:16	KZ
t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Benzene	<0.0060		µg/L	EPA 8260B	0.3	0.0060	0.025	01/14/22	11:16	KZ
Bromobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Bromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Bromodichloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Bromoform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Bromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
t-Butanol (TBA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	11:16	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 005 **SV-3-15DUP** Date & Time Sampled: 01/14/22 @ 10:43
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
2-Butanone (MEK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	11:16	KZ
n-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
sec-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
tert-Butylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Carbon Disulfide	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	11:16	KZ
Carbon Tetrachloride	<0.0063		µg/L	EPA 8260B	0.3	0.0063	0.013	01/14/22	11:16	KZ
Chlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Chloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Chloroform	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Chloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
2-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
4-Chlorotoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Dibromochloromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,2-Dibromoethane (EDB)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Dibromomethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,2-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,3-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,4-Dichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Dichlorodifluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,1-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,2-Dichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,1-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
cis-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
trans-1,2-Dichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,3-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
2,2-Dichloropropane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,1-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
cis-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported 01/17/22
Date Received 01/14/22
Invoice No. 93862
Cust # 1567
Permit Number
Customer P.O.

Project: 14005 Live Oak Ave Irwindale, CA 91706

Sample: 005 **SV-3-15DUP** Date & Time Sampled: 01/14/22 @ 10:43
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
trans-1,3-Dichloropropene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Diisopropyl Ether (DiPE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Ethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Hexachlorobutadiene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
2-Hexanone	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	11:16	KZ
Isopropylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
4-Isopropyltoluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Methylene Chloride	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.03	01/14/22	11:16	KZ
4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	11:16	KZ
Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Naphthalene	<0.0080		µg/L	EPA 8260B	0.3	0.0080	0.013	01/14/22	11:16	KZ
n-Propylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Styrene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,1,1,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,1,2,2-Tetrachloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Tetrachloroethene	**0.040**		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Toluene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,2,3-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,2,4-Trichlorobenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,1,1-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,1,2-Trichloroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Trichloroethene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,2,3-Trichloropropane	<0.0050		µg/L	EPA 8260B	0.3	0.0050	0.025	01/14/22	11:16	KZ
Trichlorofluoromethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Trichlorotrifluoroethane	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,2,4-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
1,3,5-Trimethylbenzene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
Vinyl Chloride	<0.0020		µg/L	EPA 8260B	0.3	0.0020	0.013	01/14/22	11:16	KZ
m,p-Xylenes	<0.0250		µg/L	EPA 8260B	0.3	0.0250	0.050	01/14/22	11:16	KZ

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CERTIFICATE OF ANALYSIS

2201-00082

INTERPHASE
ROSE WILLIAMS
6200 PEACHTREE STREET
LOS ANGELES, CA 90040

Date Reported	01/17/22
Date Received	01/14/22
Invoice No.	93862
Cust #	1567
Permit Number	
Customer P.O.	

Project: 14005 Live Oak Ave Irwindale, CA 91706

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Time	Tech
Sample: 005 **SV-3-15DUP**								Date & Time Sampled:	01/14/22 @	10:43
Sample Matrix: **Air**										
Purge Volume Sampled: **3**										
.....continued										
o-Xylene	<0.0125		µg/L	EPA 8260B	0.3	0.0125	0.025	01/14/22	11:16	KZ
[VOC Vapor Sampling Tracer]										
Isopropanol (IPA)	<0.1250		µg/L	EPA 8260B	0.3	0.1250	0.25	01/14/22	11:16	KZ
[VOC Surrogates]										
Dibromofluoromethane	97		%REC	EPA 8260B			70-130	01/14/22	11:16	KZ
Toluene-D8	94		%REC	EPA 8260B			70-130	01/14/22	11:16	KZ
Bromofluorobenzene	86		%REC	EPA 8260B			70-130	01/14/22	11:16	KZ

Respectfully Submitted: Ken Zheng

Ken Zheng - President

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician

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USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research

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QUALITY CONTROL DATA REPORT

INTERPHASE
LOS ANGELES, CA 90040

2201-00082

Date Reported	**01/17/2022**
Date Received	**01/14/2022**
Date Sampled	**01/14/2022**
Invoice No.	**93862**
Customer #	**1567**
Customer P.O.	

Project: 14005 Live Oak Ave Irwindale, CA 91706

Method # EPA 8260B
QC Reference # 100458 **Date Analyzed:** 1/14/2022 **Technician:** KZ
Samples 001 002 003 004 005

Results

	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC
1,1-Dichloroethene	89	110	21.0	
Benzene	87	89	2.2	
Bromofluorobenzene				78
Chlorobenzene	77	81	4.6	
Dibromofluoromethan				99
Toluene	89	96	7.7	
Toluene-D8				91
Trichloroethene	91	95	4.2	

Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	
		50 - 150
70 - 130	0 - 25	

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QUALITY CONTROL DATA REPORT

INTERPHASE

2201-00082

Date Reported 01/17/2022
Date Received 01/14/2022
Date Sampled 01/14/2022

Project: 14005 Live Oak Ave Irwindale, CA 91706

Method blank results

Ref	Test Name	Result	Qualif	Units	MDL
100458	Acetone	<0.1250		µg/L	0.1250
	t-Amyl Methyl Ether (TAME)	<0.0125		µg/L	0.0125
	Benzene	<0.0060		µg/L	0.0060
	Bromobenzene	<0.0125		µg/L	0.0125
	Bromochloromethane	<0.0125		µg/L	0.0125
	Bromodichloromethane	<0.0125		µg/L	0.0125
	Bromoform	<0.0125		µg/L	0.0125
	Bromomethane	<0.0125		µg/L	0.0125
	t-Butanol (TBA)	<0.1250		µg/L	0.1250
	2-Butanone (MEK)	<0.1250		µg/L	0.1250
	n-Butylbenzene	<0.0125		µg/L	0.0125
	sec-Butylbenzene	<0.0125		µg/L	0.0125
	tert-Butylbenzene	<0.0125		µg/L	0.0125
	Carbon Disulfide	<0.1250		µg/L	0.1250
	Carbon Tetrachloride	<0.0063		µg/L	0.0063
	Chlorobenzene	<0.0125		µg/L	0.0125
	Chloroethane	<0.0125		µg/L	0.0125
	Chloroform	<0.0125		µg/L	0.0125
	Chloromethane	<0.0125		µg/L	0.0125
	2-Chlorotoluene	<0.0125		µg/L	0.0125
	4-Chlorotoluene	<0.0125		µg/L	0.0125
	Dibromochloromethane	<0.0125		µg/L	0.0125
	1,2-Dibromoethane (EDB)	<0.0125		µg/L	0.0125
	1,2-Dibromo-3-Chloropropane	<0.0125		µg/L	0.0125
	Dibromomethane	<0.0125		µg/L	0.0125
	1,2-Dichlorobenzene	<0.0125		µg/L	0.0125
	1,3-Dichlorobenzene	<0.0125		µg/L	0.0125
	1,4-Dichlorobenzene	<0.0125		µg/L	0.0125
	Dichlorodifluoromethane	<0.0125		µg/L	0.0125
	1,1-Dichloroethane	<0.0125		µg/L	0.0125
	1,2-Dichloroethane	<0.0125		µg/L	0.0125
	1,1-Dichloroethene	<0.0125		µg/L	0.0125
	cis-1,2-Dichloroethene	<0.0125		µg/L	0.0125
	trans-1,2-Dichloroethene	<0.0125		µg/L	0.0125
	1,2-Dichloropropane	<0.0125		µg/L	0.0125
	1,3-Dichloropropane	<0.0125		µg/L	0.0125
	2,2-Dichloropropane	<0.0125		µg/L	0.0125
	1,1-Dichloropropene	<0.0125		µg/L	0.0125
	cis-1,3-Dichloropropene	<0.0125		µg/L	0.0125
	trans-1,3-Dichloropropene	<0.0125		µg/L	0.0125
	Diisopropyl Ether (DiPE)	<0.0125		µg/L	0.0125
	Ethylbenzene	<0.0125		µg/L	0.0125
	Ethyl-t-Butyl Ether (EtBE)	<0.0125		µg/L	0.0125
	Hexachlorobutadiene	<0.0125		µg/L	0.0125
	2-Hexanone	<0.1250		µg/L	0.1250
	Isopropylbenzene	<0.0125		µg/L	0.0125
	4-Isopropyltoluene	<0.0125		µg/L	0.0125
	Methylene Chloride	<0.0125		µg/L	0.0125
	4-Methyl-2-Pentanone (MIBK)	<0.1250		µg/L	0.1250
	Methyl-t-butyl Ether (MtBE)	<0.0125		µg/L	0.0125
	Naphthalene	<0.0080		µg/L	0.0080
	n-Propylbenzene	<0.0125		µg/L	0.0125
	Styrene	<0.0125		µg/L	0.0125
	1,1,1,2-Tetrachloroethane	<0.0125		µg/L	0.0125
	1,1,2,2-Tetrachloroethane	<0.0125		µg/L	0.0125
	Tetrachloroethene	<0.0125		µg/L	0.0125
	Toluene	<0.0125		µg/L	0.0125
	1,2,3-Trichlorobenzene	<0.0125		µg/L	0.0125
	1,2,4-Trichlorobenzene	<0.0125		µg/L	0.0125
	1,1,1-Trichloroethane	<0.0125		µg/L	0.0125
	1,1,2-Trichloroethane	<0.0125		µg/L	0.0125
	Trichloroethene	<0.0125		µg/L	0.0125
	1,2,3-Trichloropropane	<0.0050		µg/L	0.0050
	Trichlorofluoromethane	<0.0125		µg/L	0.0125
	Trichlorotrifluoroethane	<0.0125		µg/L	0.0125
	1,2,4-Trimethylbenzene	<0.0125		µg/L	0.0125
	1,3,5-Trimethylbenzene	<0.0125		µg/L	0.0125
	Vinyl Chloride	<0.0020		µg/L	0.0020
	m,p-Xylenes	<0.0250		µg/L	0.0250
	o-Xylene	<0.0125		µg/L	0.0125
	Isopropanol (IPA)	<0.1250		µg/L	0.1250

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QUALITY CONTROL DATA REPORT

INTERPHASE

2201-00082

Date Reported	**01/17/2022**
Date Received	**01/14/2022**
Date Sampled	**01/14/2022**

Project: 14005 Live Oak Ave Irwindale, CA 91706

Respectfully Submitted: Ken Zheng

Ken Zheng - President

ARL

A & R Laboratories
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
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CHAIN OF CUSTODY

A & R Work Order #: 2201-82

Page 1 of 1

Client Name: Interphase ENV.
E-mail: OFFICE@INTERPHASEENVIRONMENTAL.COM
Address: 6200 PEACHTREE ST., LA, CA 90040
Report Attention: ROSE W. | Phone #: 323-278-7700 | Fax: #
Sampled By: KZ
Project No./ Name:
Project Site: 14005 Live Oak Ave, Irwindale

☐ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal MOBILE

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	8260B / 8015 (Gasoline)	8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Remarks
-1	SV-1-5	1/14/22	9:02	Air		250 ml G	X									
-2	SV-2-5		10:25													
-3	SV-3-5		10:00													
-4	SV-3-15		10:43													
-5	SV-3-15 DUP		10:43													

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	RAMBOLL	1/13/22	11:40	[signature]	[signature]		11:40
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience Tustin
2841 Dow Avenue
Tustin, CA 92780
Tel: (949)261-1022

Laboratory Job ID: 440-294012-1
Client Project/Site: Rexford- Irwindale

For:
Ramboll US Corporation
5 Park Plaza
Suite 500
Irvine, California 92614

Attn: Michelle Pompa

Authorized for release by:
1/21/2022 8:04:55 AM

Danielle Roberts, Senior Project Manager
(949)261-1022
Danielle.Roberts@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-294012-1	TB-220110	Water	01/10/22 07:00	01/10/22 18:00
440-294012-2	SB-1-2-220110	Solid	01/10/22 09:32	01/10/22 18:00
440-294012-3	SB-1-5-220110	Solid	01/10/22 10:02	01/10/22 18:00
440-294012-4	SB-7-5-220110	Solid	01/10/22 11:58	01/10/22 18:00
440-294012-5	SB-7-10-220110	Solid	01/10/22 12:02	01/10/22 18:00
440-294012-6	SB-4-5-220110	Solid	01/10/22 14:26	01/10/22 18:00
440-294012-8	SB-6-5-220110	Solid	01/10/22 16:20	01/10/22 18:00

Job ID: 440-294012-1

Laboratory: Eurofins Calscience Tustin

Narrative

Job Narrative
440-294012-1

Comments
No additional comments.

Receipt
The samples were received on 1/10/2022 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.4° C.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): SB-4-7-220110 (440-294012-7). The container label list SB-7-10, while the COC lists SB-7-4.

Sample ID was logged in per COC.

GC/MS VOA
Method 8260B: The initial calibration curve analyzed in batch 570-207111 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: The matrix spike duplicate (MSD) recoveries and precision for analytical batch 570-207111 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8015B: The method blank for preparation batch 570-207034 and analytical batch 570-207016 contained C23-C40 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries of Antimony for preparation batch 440-664214 and analytical batch 440-664719 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Client Sample ID: TB-220110 — Lab Sample ID: 440-294012-1

No Detections.

Client Sample ID: SB-1-2-220110 — Lab Sample ID: 440-294012-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.1		3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	62		3.0	2.7	mg/Kg	5		6010B	Total/NA
Beryllium	0.21	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	12		1.0	0.70	mg/Kg	5		6010B	Total/NA
Cobalt	5.4		1.0	0.55	mg/Kg	5		6010B	Total/NA
Copper	14		2.0	0.89	mg/Kg	5		6010B	Total/NA
Lead	3.5		2.0	0.65	mg/Kg	5		6010B	Total/NA
Nickel	8.1		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	29		1.0	0.68	mg/Kg	5		6010B	Total/NA
Zinc	28		5.0	4.0	mg/Kg	5		6010B	Total/NA
Mercury	0.026	J	0.083	0.014	mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-1-5-220110 — Lab Sample ID: 440-294012-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	7.3	B	4.7	3.6	mg/Kg	1		8015B	Total/NA
Arsenic	2.1	J	3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	56		3.0	2.6	mg/Kg	5		6010B	Total/NA
Beryllium	0.27	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	9.5		0.99	0.69	mg/Kg	5		6010B	Total/NA
Cobalt	4.4		0.99	0.54	mg/Kg	5		6010B	Total/NA
Copper	8.1		2.0	0.87	mg/Kg	5		6010B	Total/NA
Lead	6.7		2.0	0.64	mg/Kg	5		6010B	Total/NA
Nickel	5.5		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	24		0.99	0.67	mg/Kg	5		6010B	Total/NA
Zinc	26		5.0	3.9	mg/Kg	5		6010B	Total/NA
Mercury	0.046	J B	0.085	0.014	mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-7-5-220110 — Lab Sample ID: 440-294012-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C13-C22	6.2		4.9	3.8	mg/Kg	1		8015B	Total/NA
C23-C40	45	B	4.9	3.8	mg/Kg	1		8015B	Total/NA
Arsenic	2.7	J	3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	55		3.0	2.7	mg/Kg	5		6010B	Total/NA
Beryllium	0.20	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	12		1.0	0.70	mg/Kg	5		6010B	Total/NA
Cobalt	5.5		1.0	0.55	mg/Kg	5		6010B	Total/NA
Copper	13		2.0	0.89	mg/Kg	5		6010B	Total/NA
Lead	3.1		2.0	0.65	mg/Kg	5		6010B	Total/NA
Molybdenum	1.7	J	2.0	0.62	mg/Kg	5		6010B	Total/NA
Nickel	6.4		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	24		1.0	0.68	mg/Kg	5		6010B	Total/NA
Zinc	28		5.0	4.0	mg/Kg	5		6010B	Total/NA
Mercury	0.13	B	0.086	0.014	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Client Sample ID: SB-7-10-220110 — Lab Sample ID: 440-294012-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C13-C22	4.5	J	5.2	4.0	mg/Kg	1		8015B	Total/NA
C23-C40	8.5	B	5.2	4.0	mg/Kg	1		8015B	Total/NA
Barium	440		3.0	2.7	mg/Kg	5		6010B	Total/NA
Beryllium	0.16	J	0.51	0.11	mg/Kg	5		6010B	Total/NA
Chromium	8.6		1.0	0.70	mg/Kg	5		6010B	Total/NA
Cobalt	13		1.0	0.55	mg/Kg	5		6010B	Total/NA
Copper	32		2.0	0.89	mg/Kg	5		6010B	Total/NA
Lead	1.7	J	2.0	0.65	mg/Kg	5		6010B	Total/NA
Nickel	11		2.0	0.47	mg/Kg	5		6010B	Total/NA
Vanadium	72		1.0	0.68	mg/Kg	5		6010B	Total/NA
Zinc	38		5.1	4.0	mg/Kg	5		6010B	Total/NA
Mercury	0.051	J B	0.083	0.014	mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-4-5-220110 — Lab Sample ID: 440-294012-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	6.5	B	5.0	3.8	mg/Kg	1		8015B	Total/NA
Arsenic	3.2		3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	67		3.0	2.6	mg/Kg	5		6010B	Total/NA
Beryllium	0.15	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	8.0		1.0	0.69	mg/Kg	5		6010B	Total/NA
Cobalt	4.1		1.0	0.54	mg/Kg	5		6010B	Total/NA
Copper	5.9		2.0	0.88	mg/Kg	5		6010B	Total/NA
Lead	7.2		2.0	0.64	mg/Kg	5		6010B	Total/NA
Molybdenum	1.5	J	2.0	0.61	mg/Kg	5		6010B	Total/NA
Nickel	3.5		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	17		1.0	0.67	mg/Kg	5		6010B	Total/NA
Zinc	81		5.0	3.9	mg/Kg	5		6010B	Total/NA
Mercury	0.021	J B	0.082	0.013	mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-6-5-220110 — Lab Sample ID: 440-294012-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C13-C22	6.3		4.7	3.6	mg/Kg	1		8015B	Total/NA
C23-C40	9.2	B	4.7	3.6	mg/Kg	1		8015B	Total/NA
Arsenic	1.1	J	3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	71		3.0	2.6	mg/Kg	5		6010B	Total/NA
Beryllium	0.20	J	0.49	0.11	mg/Kg	5		6010B	Total/NA
Chromium	12		0.99	0.68	mg/Kg	5		6010B	Total/NA
Cobalt	6.3		0.99	0.54	mg/Kg	5		6010B	Total/NA
Copper	11		2.0	0.87	mg/Kg	5		6010B	Total/NA
Lead	2.1		2.0	0.63	mg/Kg	5		6010B	Total/NA
Nickel	8.5		2.0	0.45	mg/Kg	5		6010B	Total/NA
Vanadium	24		0.99	0.66	mg/Kg	5		6010B	Total/NA
Zinc	34		4.9	3.9	mg/Kg	5		6010B	Total/NA
Mercury	0.019	J B	0.081	0.013	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Client Sample ID: TB-220110
Date Collected: 01/10/22 07:00
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.33	ug/L			01/13/22 03:04	1
1,1,1-Trichloroethane	ND		1.0	0.32	ug/L			01/13/22 03:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			01/13/22 03:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.58	ug/L			01/13/22 03:04	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			01/13/22 03:04	1
1,1-Dichloroethane	ND		1.0	0.37	ug/L			01/13/22 03:04	1
1,1-Dichloroethene	ND		1.0	0.33	ug/L			01/13/22 03:04	1
1,1-Dichloropropene	ND		1.0	0.45	ug/L			01/13/22 03:04	1
1,2,3-Trichlorobenzene	ND		1.0	0.54	ug/L			01/13/22 03:04	1
1,2,3-Trichloropropane	ND		5.0	0.27	ug/L			01/13/22 03:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.56	ug/L			01/13/22 03:04	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			01/13/22 03:04	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/L			01/13/22 03:04	1
1,2-Dibromoethane	ND		1.0	0.38	ug/L			01/13/22 03:04	1
1,2-Dichlorobenzene	ND		1.0	0.28	ug/L			01/13/22 03:04	1
1,2-Dichloroethane	ND		0.50	0.22	ug/L			01/13/22 03:04	1
1,2-Dichloropropane	ND		1.0	0.39	ug/L			01/13/22 03:04	1
1,3,5-Trimethylbenzene	ND		1.0	0.34	ug/L			01/13/22 03:04	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			01/13/22 03:04	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			01/13/22 03:04	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			01/13/22 03:04	1
2,2-Dichloropropane	ND		1.0	0.55	ug/L			01/13/22 03:04	1
2-Butanone	ND		20	3.6	ug/L			01/13/22 03:04	1
2-Chlorotoluene	ND		1.0	0.27	ug/L			01/13/22 03:04	1
2-Hexanone	ND		10	3.1	ug/L			01/13/22 03:04	1
4-Chlorotoluene	ND		1.0	0.32	ug/L			01/13/22 03:04	1
4-Methyl-2-pentanone	ND		10	2.9	ug/L			01/13/22 03:04	1
Acetone	ND		20	10	ug/L			01/13/22 03:04	1
Benzene	ND		0.50	0.20	ug/L			01/13/22 03:04	1
Bromobenzene	ND		1.0	0.30	ug/L			01/13/22 03:04	1
Bromochloromethane	ND		2.0	0.30	ug/L			01/13/22 03:04	1
Bromodichloromethane	ND		1.0	0.28	ug/L			01/13/22 03:04	1
Bromoform	ND		5.0	1.5	ug/L			01/13/22 03:04	1
Bromomethane	ND		25	15	ug/L			01/13/22 03:04	1
Carbon disulfide	ND		10	0.40	ug/L			01/13/22 03:04	1
Carbon tetrachloride	ND		0.50	0.34	ug/L			01/13/22 03:04	1
Chlorobenzene	ND		1.0	0.21	ug/L			01/13/22 03:04	1
Chloroethane	ND		5.0	2.4	ug/L			01/13/22 03:04	1
Chloroform	ND		1.0	0.50	ug/L			01/13/22 03:04	1
Chloromethane	ND		10	2.3	ug/L			01/13/22 03:04	1
cis-1,2-Dichloroethene	ND		1.0	0.51	ug/L			01/13/22 03:04	1
cis-1,3-Dichloropropene	ND		0.50	0.23	ug/L			01/13/22 03:04	1
Dibromochloromethane	ND		2.0	0.34	ug/L			01/13/22 03:04	1
Dibromomethane	ND		1.0	0.38	ug/L			01/13/22 03:04	1
Dichlorodifluoromethane	ND		5.0	0.56	ug/L			01/13/22 03:04	1
Di-isopropyl ether (DIPE)	ND		2.0	0.36	ug/L			01/13/22 03:04	1
Ethanol	ND		100	60	ug/L			01/13/22 03:04	1
Ethylbenzene	ND		1.0	0.33	ug/L			01/13/22 03:04	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.49	ug/L			01/13/22 03:04	1

Client Sample ID: TB-220110

Date Collected: 01/10/22 07:00
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	ND		20	1.3	ug/L			01/13/22 03:04	1
Isopropylbenzene	ND		1.0	0.37	ug/L			01/13/22 03:04	1
m,p-Xylene	ND		2.0	0.48	ug/L			01/13/22 03:04	1
Methylene Chloride	ND		10	4.0	ug/L			01/13/22 03:04	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.34	ug/L			01/13/22 03:04	1
Naphthalene	ND		10	5.0	ug/L			01/13/22 03:04	1
n-Butylbenzene	ND		1.0	0.52	ug/L			01/13/22 03:04	1
N-Propylbenzene	ND		1.0	0.41	ug/L			01/13/22 03:04	1
o-Xylene	ND		1.0	0.26	ug/L			01/13/22 03:04	1
p-Isopropyltoluene	ND		1.0	0.38	ug/L			01/13/22 03:04	1
sec-Butylbenzene	ND		1.0	0.29	ug/L			01/13/22 03:04	1
Styrene	ND		1.0	0.38	ug/L			01/13/22 03:04	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.56	ug/L			01/13/22 03:04	1
tert-Butyl alcohol (TBA)	ND		10	3.9	ug/L			01/13/22 03:04	1
tert-Butylbenzene	ND		1.0	0.36	ug/L			01/13/22 03:04	1
Tetrachloroethene	ND		1.0	0.35	ug/L			01/13/22 03:04	1
Toluene	ND		1.0	0.34	ug/L			01/13/22 03:04	1
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/L			01/13/22 03:04	1
trans-1,3-Dichloropropene	ND		0.50	0.30	ug/L			01/13/22 03:04	1
Trichloroethene	ND		1.0	0.35	ug/L			01/13/22 03:04	1
Trichlorofluoromethane	ND		10	0.36	ug/L			01/13/22 03:04	1
Vinyl acetate	ND		10	4.6	ug/L			01/13/22 03:04	1
Vinyl chloride	ND		0.50	0.26	ug/L			01/13/22 03:04	1
Xylenes, Total	ND		2.0	0.48	ug/L			01/13/22 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 123*		*01/13/22 03:04*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*01/13/22 03:04*	*1*
Dibromofluoromethane (Surr)	*97*		*78 - 120*		*01/13/22 03:04*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/13/22 03:04*	*1*

Client Sample ID: SB-1-2-220110

Date Collected: 01/10/22 09:32
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-2
Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.055	mg/Kg		01/12/22 13:15	01/12/22 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*42 - 126*	*01/12/22 13:15*	*01/12/22 17:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		4.9	3.8	mg/Kg		01/12/22 12:49	01/12/22 18:55	1
C23-C40	ND		4.9	3.8	mg/Kg		01/12/22 12:49	01/12/22 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*60 - 138*	*01/12/22 12:49*	*01/12/22 18:55*	*1*

Client Sample ID: SB-1-2-220110

Lab Sample ID: 440-294012-2

Date Collected: 01/10/22 09:32

Matrix: Solid

Date Received: 01/10/22 18:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.4	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Arsenic	**3.1**		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Barium	**62**		3.0	2.7	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Beryllium	**0.21**	**J**	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Chromium	**12**		1.0	0.70	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Cobalt	**5.4**		1.0	0.55	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Copper	**14**		2.0	0.89	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Lead	**3.5**		2.0	0.65	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Molybdenum	ND		2.0	0.62	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Nickel	**8.1**		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Silver	ND		1.5	0.57	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Thallium	ND		10	5.9	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Vanadium	**29**		1.0	0.68	mg/Kg		01/13/22 07:59	01/18/22 10:24	5
Zinc	**28**		5.0	4.0	mg/Kg		01/13/22 07:59	01/18/22 10:24	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.026**	**J**	0.083	0.014	mg/Kg		01/19/22 15:35	01/20/22 15:00	1

Client Sample ID: SB-1-5-220110

Lab Sample ID: 440-294012-3

Date Collected: 01/10/22 10:02

Matrix: Solid

Date Received: 01/10/22 18:00

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.055	mg/Kg		01/12/22 13:15	01/12/22 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*01/12/22 13:15*	*01/12/22 18:27*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		4.7	3.6	mg/Kg		01/12/22 12:49	01/12/22 19:16	1
C23-C40	**7.3**	**B**	4.7	3.6	mg/Kg		01/12/22 12:49	01/12/22 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*60 - 138*	*01/12/22 12:49*	*01/12/22 19:16*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.4	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Arsenic	**2.1**	**J**	3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Barium	**56**		3.0	2.6	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Beryllium	**0.27**	**J**	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Chromium	**9.5**		0.99	0.69	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Cobalt	**4.4**		0.99	0.54	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Copper	**8.1**		2.0	0.87	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Lead	**6.7**		2.0	0.64	mg/Kg		01/13/22 07:59	01/18/22 10:26	5

Client Sample ID: SB-1-5-220110

Lab Sample ID: 440-294012-3
Matrix: Solid
Date Collected: 01/10/22 10:02
Date Received: 01/10/22 18:00

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		2.0	0.61	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Nickel	5.5		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Silver	ND		1.5	0.56	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Thallium	ND		9.9	5.8	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Vanadium	24		0.99	0.67	mg/Kg		01/13/22 07:59	01/18/22 10:26	5
Zinc	26		5.0	3.9	mg/Kg		01/13/22 07:59	01/18/22 10:26	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J B	0.085	0.014	mg/Kg		01/19/22 19:03	01/20/22 14:21	1

Client Sample ID: SB-7-5-220110

Lab Sample ID: 440-294012-4
Matrix: Solid
Date Collected: 01/10/22 11:58
Date Received: 01/10/22 18:00

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.055	mg/Kg		01/12/22 13:15	01/12/22 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*01/12/22 13:15*	*01/12/22 18:56*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	6.2		4.9	3.8	mg/Kg		01/12/22 12:49	01/12/22 19:36	1
C23-C40	45	B	4.9	3.8	mg/Kg		01/12/22 12:49	01/12/22 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*60 - 138*	*01/12/22 12:49*	*01/12/22 19:36*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.4	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Arsenic	2.7	J	3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Barium	55		3.0	2.7	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Beryllium	0.20	J	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Chromium	12		1.0	0.70	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Cobalt	5.5		1.0	0.55	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Copper	13		2.0	0.89	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Lead	3.1		2.0	0.65	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Molybdenum	1.7	J	2.0	0.62	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Nickel	6.4		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Silver	ND		1.5	0.57	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Thallium	ND		10	5.9	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Vanadium	24		1.0	0.68	mg/Kg		01/13/22 07:59	01/18/22 10:29	5
Zinc	28		5.0	4.0	mg/Kg		01/13/22 07:59	01/18/22 10:29	5

Client Sample ID: SB-7-5-220110

Lab Sample ID: 440-294012-4
Matrix: Solid
Date Collected: 01/10/22 11:58
Date Received: 01/10/22 18:00

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**	**B**	0.086	0.014	mg/Kg		01/19/22 19:03	01/20/22 14:26	1

Client Sample ID: SB-7-10-220110

Lab Sample ID: 440-294012-5
Matrix: Solid
Date Collected: 01/10/22 12:02
Date Received: 01/10/22 18:00

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.055	mg/Kg		01/12/22 13:15	01/12/22 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*01/12/22 13:15*	*01/12/22 19:25*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**4.5**	**J**	5.2	4.0	mg/Kg		01/12/22 12:49	01/12/22 19:57	1
C23-C40	**8.5**	**B**	5.2	4.0	mg/Kg		01/12/22 12:49	01/12/22 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*60 - 138*	*01/12/22 12:49*	*01/12/22 19:57*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.5	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Arsenic	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Barium	**440**		3.0	2.7	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Beryllium	**0.16**	**J**	0.51	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Cadmium	ND		0.51	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Chromium	**8.6**		1.0	0.70	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Cobalt	**13**		1.0	0.55	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Copper	**32**		2.0	0.89	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Lead	**1.7**	**J**	2.0	0.65	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Molybdenum	ND		2.0	0.62	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Nickel	**11**		2.0	0.47	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Silver	ND		1.5	0.58	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Thallium	ND		10	5.9	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Vanadium	**72**		1.0	0.68	mg/Kg		01/13/22 07:59	01/18/22 10:38	5
Zinc	**38**		5.1	4.0	mg/Kg		01/13/22 07:59	01/18/22 10:38	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.051**	**J B**	0.083	0.014	mg/Kg		01/19/22 19:03	01/20/22 14:28	1

Client Sample ID: SB-4-5-220110

Lab Sample ID: 440-294012-6
Matrix: Solid
Date Collected: 01/10/22 14:26
Date Received: 01/10/22 18:00

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.056	mg/Kg		01/12/22 13:15	01/12/22 19:54	1

Client Sample ID: SB-4-5-220110

Date Collected: 01/10/22 14:26
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-6

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*42 - 126*	*01/12/22 13:15*	*01/12/22 19:54*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	3.8	mg/Kg		01/12/22 12:49	01/12/22 20:18	1
C23-C40	**6.5**	**B**	5.0	3.8	mg/Kg		01/12/22 12:49	01/12/22 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*60 - 138*	*01/12/22 12:49*	*01/12/22 20:18*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.4	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Arsenic	**3.2**		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Barium	**67**		3.0	2.6	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Beryllium	**0.15**	**J**	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Chromium	**8.0**		1.0	0.69	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Cobalt	**4.1**		1.0	0.54	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Copper	**5.9**		2.0	0.88	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Lead	**7.2**		2.0	0.64	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Molybdenum	**1.5**	**J**	2.0	0.61	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Nickel	**3.5**		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Silver	ND		1.5	0.57	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Thallium	ND		10	5.8	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Vanadium	**17**		1.0	0.67	mg/Kg		01/13/22 07:59	01/18/22 10:40	5
Zinc	**81**		5.0	3.9	mg/Kg		01/13/22 07:59	01/18/22 10:40	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.021**	**J B**	0.082	0.013	mg/Kg		01/19/22 19:03	01/20/22 14:30	1

Client Sample ID: SB-6-5-220110

Date Collected: 01/10/22 16:20
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-8

Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.056	mg/Kg		01/12/22 13:15	01/12/22 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*01/12/22 13:15*	*01/12/22 21:12*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**6.3**		4.7	3.6	mg/Kg		01/12/22 12:49	01/12/22 20:38	1
C23-C40	**9.2**	**B**	4.7	3.6	mg/Kg		01/12/22 12:49	01/12/22 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*01/12/22 12:49*	*01/12/22 20:38*	*1*

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Client Sample ID: SB-6-5-220110
Date Collected: 01/10/22 16:20
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-8
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.3	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Arsenic	**1.1**	**J**	3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Barium	**71**		3.0	2.6	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Beryllium	**0.20**	**J**	0.49	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Cadmium	ND		0.49	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Chromium	**12**		0.99	0.68	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Cobalt	**6.3**		0.99	0.54	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Copper	**11**		2.0	0.87	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Lead	**2.1**		2.0	0.63	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Molybdenum	ND		2.0	0.60	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Nickel	**8.5**		2.0	0.45	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Selenium	ND		3.0	1.0	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Silver	ND		1.5	0.56	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Thallium	ND		9.9	5.7	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Vanadium	**24**		0.99	0.66	mg/Kg		01/13/22 07:59	01/18/22 10:43	5
Zinc	**34**		4.9	3.9	mg/Kg		01/13/22 07:59	01/18/22 10:43	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.019**	**J B**	0.081	0.013	mg/Kg		01/19/22 19:03	01/20/22 14:32	1

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (70-123)	BFB (80-120)	DBFM (78-120)	TOL (80-120)
440-294012-1	TB-220110	97	97	97	100
570-81329-A-1 MS	Matrix Spike	102	104	105	99
570-81329-A-1 MSD	Matrix Spike Duplicate	100	103	105	99
LCS 570-207111/5	Lab Control Sample	104	103	104	98
LCSD 570-207111/6	Lab Control Sample Dup	102	104	104	98
MB 570-207111/11	Method Blank	102	96	99	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (42-126)
440-294012-2	SB-1-2-220110	72
440-294012-3	SB-1-5-220110	76
440-294012-4	SB-7-5-220110	76
440-294012-5	SB-7-10-220110	76
440-294012-6	SB-4-5-220110	78
440-294012-8	SB-6-5-220110	74
570-81212-A-1-I MS	Matrix Spike	100
570-81212-A-1-J MSD	Matrix Spike Duplicate	93
LCS 570-206932/1-A	Lab Control Sample	102
LCSD 570-206932/2-A	Lab Control Sample Dup	103
MB 570-206932/3-A	Method Blank	80

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
440-294012-2	SB-1-2-220110	97
440-294012-2 MS	SB-1-2-220110	101
440-294012-2 MSD	SB-1-2-220110	99
440-294012-3	SB-1-5-220110	97
440-294012-4	SB-7-5-220110	100
440-294012-5	SB-7-10-220110	100
440-294012-6	SB-4-5-220110	96
440-294012-8	SB-6-5-220110	90
LCS 570-207034/2-A	Lab Control Sample	101
LCSD 570-207034/3-A	Lab Control Sample Dup	97
MB 570-207034/1-A	Method Blank	98

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
6010B	Metals (ICP)	SW846	IRV 2
7471A	Mercury (CVAA)	SW846	ECL 1
3050B	Preparation, Metals	SW846	IRV 2
3550C	Ultrasonic Extraction	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
7471A	Preparation, Mercury	SW846	ECL 4

Protocol References:

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

Laboratory References:

ECL 1 = Eurofins Calscience Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (949)261-1022

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Client Sample ID: TB-220110
Date Collected: 01/10/22 07:00
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	207111	01/13/22 03:04	N1A	ECL 2

Client Sample ID: SB-1-2-220110
Date Collected: 01/10/22 09:32
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 17:58	U1MC	ECL 2
Total/NA	Prep	3550C			10.11 g	10 mL	207034	01/12/22 12:49	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207016	01/12/22 18:55	A1W	ECL 1
Total/NA	Prep	3050B			1.99 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:24	VZ0K	IRV 2
Total/NA	Prep	7471A			.60 g	100 mL	208335	01/19/22 15:35	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			208537	01/20/22 15:00	VWJ7	ECL 1

Client Sample ID: SB-1-5-220110
Date Collected: 01/10/22 10:02
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 18:27	U1MC	ECL 2
Total/NA	Prep	3550C			10.55 g	10 mL	207034	01/12/22 12:49	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207016	01/12/22 19:16	A1W	ECL 1
Total/NA	Prep	3050B			2.02 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:26	VZ0K	IRV 2
Total/NA	Prep	7471A			.59 g	100 mL	208375	01/19/22 19:03	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			208530	01/20/22 14:21	VWJ7	ECL 1

Client Sample ID: SB-7-5-220110
Date Collected: 01/10/22 11:58
Date Received: 01/10/22 18:00

Lab Sample ID: 440-294012-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 18:56	U1MC	ECL 2
Total/NA	Prep	3550C			10.22 g	10 mL	207034	01/12/22 12:49	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207016	01/12/22 19:36	A1W	ECL 1
Total/NA	Prep	3050B			1.99 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:29	VZ0K	IRV 2
Total/NA	Prep	7471A			.58 g	100 mL	208375	01/19/22 19:03	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			208530	01/20/22 14:26	VWJ7	ECL 1

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Client Sample ID: SB-7-10-220110

Lab Sample ID: 440-294012-5

Date Collected: 01/10/22 12:02
Matrix: Solid
Date Received: 01/10/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 19:25	U1MC	ECL 2
Total/NA	Prep	3550C			9.65 g	10 mL	207034	01/12/22 12:49	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207016	01/12/22 19:57	A1W	ECL 1
Total/NA	Prep	3050B			1.98 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:38	VZ0K	IRV 2
Total/NA	Prep	7471A			.60 g	100 mL	208375	01/19/22 19:03	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			208530	01/20/22 14:28	VWJ7	ECL 1

Client Sample ID: SB-4-5-220110

Lab Sample ID: 440-294012-6

Date Collected: 01/10/22 14:26
Matrix: Solid
Date Received: 01/10/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 19:54	U1MC	ECL 2
Total/NA	Prep	3550C			10.10 g	10 mL	207034	01/12/22 12:49	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207016	01/12/22 20:18	A1W	ECL 1
Total/NA	Prep	3050B			2.01 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:40	VZ0K	IRV 2
Total/NA	Prep	7471A			.61 g	100 mL	208375	01/19/22 19:03	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			208530	01/20/22 14:30	VWJ7	ECL 1

Client Sample ID: SB-6-5-220110

Lab Sample ID: 440-294012-8

Date Collected: 01/10/22 16:20
Matrix: Solid
Date Received: 01/10/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 21:12	U1MC	ECL 2
Total/NA	Prep	3550C			10.56 g	10 mL	207034	01/12/22 12:49	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207016	01/12/22 20:38	A1W	ECL 1
Total/NA	Prep	3050B			2.03 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:43	VZ0K	IRV 2
Total/NA	Prep	7471A			.62 g	100 mL	208375	01/19/22 19:03	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			208530	01/20/22 14:32	VWJ7	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494
ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494
IRV 2 = Eurofins Calscience Tustin Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (949)261-1022

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-207111/11
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.33	ug/L			01/13/22 02:18	1
1,1,1-Trichloroethane	ND		1.0	0.32	ug/L			01/13/22 02:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			01/13/22 02:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.58	ug/L			01/13/22 02:18	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			01/13/22 02:18	1
1,1-Dichloroethane	ND		1.0	0.37	ug/L			01/13/22 02:18	1
1,1-Dichloroethene	ND		1.0	0.33	ug/L			01/13/22 02:18	1
1,1-Dichloropropene	ND		1.0	0.45	ug/L			01/13/22 02:18	1
1,2,3-Trichlorobenzene	ND		1.0	0.54	ug/L			01/13/22 02:18	1
1,2,3-Trichloropropane	ND		5.0	0.27	ug/L			01/13/22 02:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.56	ug/L			01/13/22 02:18	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			01/13/22 02:18	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/L			01/13/22 02:18	1
1,2-Dibromoethane	ND		1.0	0.38	ug/L			01/13/22 02:18	1
1,2-Dichlorobenzene	ND		1.0	0.28	ug/L			01/13/22 02:18	1
1,2-Dichloroethane	ND		0.50	0.22	ug/L			01/13/22 02:18	1
1,2-Dichloropropane	ND		1.0	0.39	ug/L			01/13/22 02:18	1
1,3,5-Trimethylbenzene	ND		1.0	0.34	ug/L			01/13/22 02:18	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			01/13/22 02:18	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			01/13/22 02:18	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			01/13/22 02:18	1
2,2-Dichloropropane	ND		1.0	0.55	ug/L			01/13/22 02:18	1
2-Butanone	ND		20	3.6	ug/L			01/13/22 02:18	1
2-Chlorotoluene	ND		1.0	0.27	ug/L			01/13/22 02:18	1
2-Hexanone	ND		10	3.1	ug/L			01/13/22 02:18	1
4-Chlorotoluene	ND		1.0	0.32	ug/L			01/13/22 02:18	1
4-Methyl-2-pentanone	ND		10	2.9	ug/L			01/13/22 02:18	1
Acetone	ND		20	10	ug/L			01/13/22 02:18	1
Benzene	ND		0.50	0.20	ug/L			01/13/22 02:18	1
Bromobenzene	ND		1.0	0.30	ug/L			01/13/22 02:18	1
Bromochloromethane	ND		2.0	0.30	ug/L			01/13/22 02:18	1
Bromodichloromethane	ND		1.0	0.28	ug/L			01/13/22 02:18	1
Bromoform	ND		5.0	1.5	ug/L			01/13/22 02:18	1
Bromomethane	ND		25	15	ug/L			01/13/22 02:18	1
Carbon disulfide	ND		10	0.40	ug/L			01/13/22 02:18	1
Carbon tetrachloride	ND		0.50	0.34	ug/L			01/13/22 02:18	1
Chlorobenzene	ND		1.0	0.21	ug/L			01/13/22 02:18	1
Chloroethane	ND		5.0	2.4	ug/L			01/13/22 02:18	1
Chloroform	ND		1.0	0.50	ug/L			01/13/22 02:18	1
Chloromethane	ND		10	2.3	ug/L			01/13/22 02:18	1
cis-1,2-Dichloroethene	ND		1.0	0.51	ug/L			01/13/22 02:18	1
cis-1,3-Dichloropropene	ND		0.50	0.23	ug/L			01/13/22 02:18	1
Dibromochloromethane	ND		2.0	0.34	ug/L			01/13/22 02:18	1
Dibromomethane	ND		1.0	0.38	ug/L			01/13/22 02:18	1
Dichlorodifluoromethane	ND		5.0	0.56	ug/L			01/13/22 02:18	1
Di-isopropyl ether (DIPE)	ND		2.0	0.36	ug/L			01/13/22 02:18	1
Ethanol	ND		100	60	ug/L			01/13/22 02:18	1
Ethylbenzene	ND		1.0	0.33	ug/L			01/13/22 02:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-207111/11
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.49	ug/L			01/13/22 02:18	1
Hexachloro-1,3-butadiene	ND		20	1.3	ug/L			01/13/22 02:18	1
Isopropylbenzene	ND		1.0	0.37	ug/L			01/13/22 02:18	1
m,p-Xylene	ND		2.0	0.48	ug/L			01/13/22 02:18	1
Methylene Chloride	ND		10	4.0	ug/L			01/13/22 02:18	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.34	ug/L			01/13/22 02:18	1
Naphthalene	ND		10	5.0	ug/L			01/13/22 02:18	1
n-Butylbenzene	ND		1.0	0.52	ug/L			01/13/22 02:18	1
N-Propylbenzene	ND		1.0	0.41	ug/L			01/13/22 02:18	1
o-Xylene	ND		1.0	0.26	ug/L			01/13/22 02:18	1
p-Isopropyltoluene	ND		1.0	0.38	ug/L			01/13/22 02:18	1
sec-Butylbenzene	ND		1.0	0.29	ug/L			01/13/22 02:18	1
Styrene	ND		1.0	0.38	ug/L			01/13/22 02:18	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.56	ug/L			01/13/22 02:18	1
tert-Butyl alcohol (TBA)	ND		10	3.9	ug/L			01/13/22 02:18	1
tert-Butylbenzene	ND		1.0	0.36	ug/L			01/13/22 02:18	1
Tetrachloroethene	ND		1.0	0.35	ug/L			01/13/22 02:18	1
Toluene	ND		1.0	0.34	ug/L			01/13/22 02:18	1
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/L			01/13/22 02:18	1
trans-1,3-Dichloropropene	ND		0.50	0.30	ug/L			01/13/22 02:18	1
Trichloroethene	ND		1.0	0.35	ug/L			01/13/22 02:18	1
Trichlorofluoromethane	ND		10	0.36	ug/L			01/13/22 02:18	1
Vinyl acetate	ND		10	4.6	ug/L			01/13/22 02:18	1
Vinyl chloride	ND		0.50	0.26	ug/L			01/13/22 02:18	1
Xylenes, Total	ND		2.0	0.48	ug/L			01/13/22 02:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*		*01/13/22 02:18*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*01/13/22 02:18*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 120*		*01/13/22 02:18*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/13/22 02:18*	*1*

Lab Sample ID: LCS 570-207111/5
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	53.7		ug/L		107	80 - 128
1,1,1-Trichloroethane	50.0	54.9		ug/L		110	76 - 122
1,1,2,2-Tetrachloroethane	50.0	54.2		ug/L		108	79 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.3		ug/L		107	53 - 122
1,1,2-Trichloroethane	50.0	53.6		ug/L		107	80 - 120
1,1-Dichloroethane	50.0	52.9		ug/L		106	72 - 120
1,1-Dichloroethene	50.0	54.4		ug/L		109	64 - 121
1,1-Dichloropropene	50.0	54.0		ug/L		108	77 - 120
1,2,3-Trichlorobenzene	50.0	59.4		ug/L		119	78 - 136
1,2,3-Trichloropropane	50.0	49.1		ug/L		98	74 - 120
1,2,4-Trichlorobenzene	50.0	60.4		ug/L		121	73 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-207111/5
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	50.0	53.8		ug/L		108	80 - 121
1,2-Dibromo-3-Chloropropane	50.0	52.3		ug/L		105	74 - 120
1,2-Dibromoethane	50.0	55.7		ug/L		111	80 - 120
1,2-Dichlorobenzene	50.0	54.1		ug/L		108	80 - 120
1,2-Dichloroethane	50.0	51.3		ug/L		103	76 - 120
1,2-Dichloropropane	50.0	52.6		ug/L		105	73 - 122
1,3,5-Trimethylbenzene	50.0	56.7		ug/L		113	80 - 122
1,3-Dichlorobenzene	50.0	54.6		ug/L		109	80 - 120
1,3-Dichloropropane	50.0	53.2		ug/L		106	80 - 120
1,4-Dichlorobenzene	50.0	53.3		ug/L		107	80 - 120
2,2-Dichloropropane	50.0	59.4		ug/L		119	60 - 150
2-Butanone	50.0	56.5		ug/L		113	65 - 128
2-Chlorotoluene	50.0	52.7		ug/L		105	79 - 120
2-Hexanone	50.0	54.3		ug/L		109	61 - 140
4-Chlorotoluene	50.0	54.7		ug/L		109	80 - 120
4-Methyl-2-pentanone	50.0	54.7		ug/L		109	68 - 133
Acetone	50.0	56.2		ug/L		112	50 - 134
Benzene	50.0	49.8		ug/L		100	76 - 120
Bromobenzene	50.0	53.9		ug/L		108	80 - 125
Bromochloromethane	50.0	53.8		ug/L		108	79 - 120
Bromodichloromethane	50.0	56.4		ug/L		113	80 - 123
Bromoform	50.0	55.7		ug/L		111	80 - 128
Bromomethane	50.0	42.5		ug/L		85	64 - 150
Carbon disulfide	50.0	52.3		ug/L		105	67 - 126
Carbon tetrachloride	50.0	53.1		ug/L		106	80 - 127
Chlorobenzene	50.0	50.9		ug/L		102	80 - 120
Chloroethane	50.0	47.9		ug/L		96	67 - 128
Chloroform	50.0	55.6		ug/L		111	80 - 120
Chloromethane	50.0	48.0		ug/L		96	69 - 132
cis-1,2-Dichloroethene	50.0	53.7		ug/L		107	80 - 120
cis-1,3-Dichloropropene	50.0	54.5		ug/L		109	75 - 133
Dibromochloromethane	50.0	56.8		ug/L		114	79 - 130
Dibromomethane	50.0	55.1		ug/L		110	80 - 120
Dichlorodifluoromethane	50.0	54.4		ug/L		109	60 - 138
Di-isopropyl ether (DIPE)	50.0	52.0		ug/L		104	62 - 125
Ethanol	500	446		ug/L		89	50 - 120
Ethylbenzene	50.0	52.7		ug/L		105	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	58.7		ug/L		117	55 - 132
Hexachloro-1,3-butadiene	50.0	53.5		ug/L		107	61 - 150
Isopropylbenzene	50.0	54.5		ug/L		109	80 - 123
m,p-Xylene	100	107		ug/L		107	74 - 122
Methylene Chloride	50.0	58.8		ug/L		118	62 - 133
Methyl-t-Butyl Ether (MTBE)	50.0	57.7		ug/L		115	64 - 120
Naphthalene	50.0	54.8		ug/L		110	80 - 120
n-Butylbenzene	50.0	56.9		ug/L		114	76 - 128
N-Propylbenzene	50.0	54.0		ug/L		108	80 - 122
o-Xylene	50.0	55.1		ug/L		110	80 - 121
p-Isopropyltoluene	50.0	57.5		ug/L		115	78 - 125
sec-Butylbenzene	50.0	55.2		ug/L		110	78 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-207111/5
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	50.0	53.7		ug/L		107	80 - 124
Tert-amyl-methyl ether (TAME)	50.0	57.3		ug/L		115	66 - 133
tert-Butyl alcohol (TBA)	250	246		ug/L		99	71 - 120
tert-Butylbenzene	50.0	53.6		ug/L		107	76 - 132
Tetrachloroethene	50.0	51.4		ug/L		103	72 - 135
Toluene	50.0	51.5		ug/L		103	76 - 120
trans-1,2-Dichloroethene	50.0	53.3		ug/L		107	73 - 120
trans-1,3-Dichloropropene	50.0	55.6		ug/L		111	80 - 132
Trichloroethene	50.0	54.6		ug/L		109	80 - 122
Trichlorofluoromethane	50.0	55.2		ug/L		110	69 - 139
Vinyl acetate	50.0	57.3		ug/L		115	74 - 147
Vinyl chloride	50.0	55.2		ug/L		110	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*78 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-207111/6
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	52.9		ug/L		106	80 - 128	2	20
1,1,1-Trichloroethane	50.0	54.7		ug/L		109	76 - 122	0	20
1,1,2,2-Tetrachloroethane	50.0	52.7		ug/L		105	79 - 120	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.7		ug/L		105	53 - 122	1	20
1,1,2-Trichloroethane	50.0	52.3		ug/L		105	80 - 120	2	20
1,1-Dichloroethane	50.0	53.4		ug/L		107	72 - 120	1	20
1,1-Dichloroethene	50.0	53.7		ug/L		107	64 - 121	1	20
1,1-Dichloropropene	50.0	53.1		ug/L		106	77 - 120	2	20
1,2,3-Trichlorobenzene	50.0	59.6		ug/L		119	78 - 136	0	20
1,2,3-Trichloropropane	50.0	46.6		ug/L		93	74 - 120	5	20
1,2,4-Trichlorobenzene	50.0	61.0		ug/L		122	73 - 138	1	20
1,2,4-Trimethylbenzene	50.0	53.9		ug/L		108	80 - 121	0	20
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/L		98	74 - 120	6	20
1,2-Dibromoethane	50.0	53.6		ug/L		107	80 - 120	4	20
1,2-Dichlorobenzene	50.0	54.4		ug/L		109	80 - 120	1	20
1,2-Dichloroethane	50.0	50.2		ug/L		100	76 - 120	2	20
1,2-Dichloropropane	50.0	53.0		ug/L		106	73 - 122	1	20
1,3,5-Trimethylbenzene	50.0	57.2		ug/L		114	80 - 122	1	20
1,3-Dichlorobenzene	50.0	54.0		ug/L		108	80 - 120	1	20
1,3-Dichloropropane	50.0	51.7		ug/L		103	80 - 120	3	20
1,4-Dichlorobenzene	50.0	53.5		ug/L		107	80 - 120	0	20
2,2-Dichloropropane	50.0	58.4		ug/L		117	60 - 150	2	20
2-Butanone	50.0	52.2		ug/L		104	65 - 128	8	20
2-Chlorotoluene	50.0	52.7		ug/L		105	79 - 120	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-207111/6
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	50.0	52.8		ug/L		106	61 - 140	3	20
4-Chlorotoluene	50.0	55.1		ug/L		110	80 - 120	1	20
4-Methyl-2-pentanone	50.0	52.1		ug/L		104	68 - 133	5	20
Acetone	50.0	52.8		ug/L		106	50 - 134	6	25
Benzene	50.0	49.5		ug/L		99	76 - 120	1	20
Bromobenzene	50.0	53.1		ug/L		106	80 - 125	2	20
Bromochloromethane	50.0	52.1		ug/L		104	79 - 120	3	20
Bromodichloromethane	50.0	56.1		ug/L		112	80 - 123	1	20
Bromoform	50.0	54.7		ug/L		109	80 - 128	2	20
Bromomethane	50.0	43.0		ug/L		86	64 - 150	1	20
Carbon disulfide	50.0	52.6		ug/L		105	67 - 126	1	20
Carbon tetrachloride	50.0	52.8		ug/L		106	80 - 127	1	20
Chlorobenzene	50.0	50.8		ug/L		102	80 - 120	0	20
Chloroethane	50.0	46.9		ug/L		94	67 - 128	2	20
Chloroform	50.0	54.6		ug/L		109	80 - 120	2	20
Chloromethane	50.0	46.8		ug/L		94	69 - 132	2	20
cis-1,2-Dichloroethene	50.0	53.0		ug/L		106	80 - 120	1	20
cis-1,3-Dichloropropene	50.0	53.9		ug/L		108	75 - 133	1	20
Dibromochloromethane	50.0	55.8		ug/L		112	79 - 130	2	20
Dibromomethane	50.0	53.6		ug/L		107	80 - 120	3	20
Dichlorodifluoromethane	50.0	53.8		ug/L		108	60 - 138	1	21
Di-isopropyl ether (DIPE)	50.0	51.3		ug/L		103	62 - 125	1	20
Ethanol	500	447		ug/L		89	50 - 120	0	25
Ethylbenzene	50.0	52.6		ug/L		105	80 - 120	0	20
Ethyl-t-butyl ether (ETBE)	50.0	57.1		ug/L		114	55 - 132	3	20
Hexachloro-1,3-butadiene	50.0	55.3		ug/L		111	61 - 150	3	20
Isopropylbenzene	50.0	54.9		ug/L		110	80 - 123	1	20
m,p-Xylene	100	107		ug/L		107	74 - 122	0	20
Methylene Chloride	50.0	56.5		ug/L		113	62 - 133	4	20
Methyl-t-Butyl Ether (MTBE)	50.0	55.5		ug/L		111	64 - 120	4	20
Naphthalene	50.0	56.1		ug/L		112	80 - 120	2	20
n-Butylbenzene	50.0	57.1		ug/L		114	76 - 128	0	20
N-Propylbenzene	50.0	53.7		ug/L		107	80 - 122	1	20
o-Xylene	50.0	55.1		ug/L		110	80 - 121	0	20
p-Isopropyltoluene	50.0	58.7		ug/L		117	78 - 125	2	20
sec-Butylbenzene	50.0	55.5		ug/L		111	78 - 125	0	20
Styrene	50.0	54.2		ug/L		108	80 - 124	1	20
Tert-amyl-methyl ether (TAME)	50.0	55.6		ug/L		111	66 - 133	3	20
tert-Butyl alcohol (TBA)	250	247		ug/L		99	71 - 120	0	20
tert-Butylbenzene	50.0	54.8		ug/L		110	76 - 132	2	20
Tetrachloroethene	50.0	51.3		ug/L		103	72 - 135	0	20
Toluene	50.0	51.5		ug/L		103	76 - 120	0	20
trans-1,2-Dichloroethene	50.0	53.9		ug/L		108	73 - 120	1	20
trans-1,3-Dichloropropene	50.0	54.4		ug/L		109	80 - 132	2	20
Trichloroethene	50.0	54.8		ug/L		110	80 - 122	0	20
Trichlorofluoromethane	50.0	54.1		ug/L		108	69 - 139	2	20
Vinyl acetate	50.0	55.2		ug/L		110	74 - 147	4	20
Vinyl chloride	50.0	53.5		ug/L		107	70 - 124	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-207111/6
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*78 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 570-81329-A-1 MS
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		50.0	55.6		ug/L		111	75 - 138
1,1,1-Trichloroethane	ND		50.0	57.7		ug/L		115	69 - 127
1,1,2,2-Tetrachloroethane	ND		50.0	56.3		ug/L		113	75 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	55.1		ug/L		110	50 - 125
1,1,2-Trichloroethane	ND		50.0	54.2		ug/L		108	75 - 125
1,1-Dichloroethane	ND		50.0	55.3		ug/L		111	75 - 125
1,1-Dichloroethene	ND		50.0	56.0		ug/L		112	57 - 135
1,1-Dichloropropene	ND		50.0	55.6		ug/L		111	73 - 125
1,2,3-Trichlorobenzene	ND		50.0	60.6		ug/L		121	73 - 136
1,2,3-Trichloropropane	ND	F1 F2	50.0	54.8		ug/L		110	75 - 125
1,2,4-Trichlorobenzene	ND		50.0	59.9		ug/L		120	69 - 136
1,2,4-Trimethylbenzene	ND		50.0	54.9		ug/L		110	75 - 131
1,2-Dibromo-3-Chloropropane	ND		50.0	53.1		ug/L		106	65 - 128
1,2-Dibromoethane	ND		50.0	57.3		ug/L		115	75 - 125
1,2-Dichlorobenzene	ND		50.0	54.7		ug/L		109	75 - 125
1,2-Dichloroethane	ND		50.0	53.4		ug/L		107	75 - 127
1,2-Dichloropropane	ND		50.0	55.1		ug/L		110	75 - 126
1,3,5-Trimethylbenzene	ND		50.0	58.3		ug/L		117	75 - 129
1,3-Dichlorobenzene	ND		50.0	54.9		ug/L		110	75 - 125
1,3-Dichloropropane	ND		50.0	54.2		ug/L		108	75 - 126
1,4-Dichlorobenzene	ND		50.0	53.0		ug/L		106	75 - 125
2,2-Dichloropropane	ND		50.0	55.0		ug/L		110	51 - 141
2-Butanone	ND		50.0	53.7		ug/L		107	61 - 137
2-Chlorotoluene	ND		50.0	54.8		ug/L		110	75 - 125
2-Hexanone	ND		50.0	55.3		ug/L		111	60 - 155
4-Chlorotoluene	ND		50.0	55.2		ug/L		110	75 - 130
4-Methyl-2-pentanone	ND		50.0	56.3		ug/L		113	66 - 138
Acetone	ND		50.0	48.2		ug/L		96	49 - 133
Benzene	ND		50.0	51.6		ug/L		103	75 - 125
Bromobenzene	ND		50.0	56.1		ug/L		112	75 - 127
Bromochloromethane	ND		50.0	56.0		ug/L		112	72 - 125
Bromodichloromethane	ND		50.0	58.6		ug/L		117	75 - 129
Bromoform	ND		50.0	57.9		ug/L		116	65 - 146
Bromomethane	ND		50.0	42.0		ug/L		84	51 - 146
Carbon disulfide	ND		50.0	53.7		ug/L		107	67 - 129
Carbon tetrachloride	ND		50.0	56.0		ug/L		112	68 - 137
Chlorobenzene	ND		50.0	51.9		ug/L		104	75 - 125
Chloroethane	ND		50.0	57.4		ug/L		115	60 - 145

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-81329-A-1 MS
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		50.0	57.4		ug/L		115	75 - 125
Chloromethane	ND		50.0	47.1		ug/L		94	56 - 142
cis-1,2-Dichloroethene	ND		50.0	55.5		ug/L		111	57 - 142
cis-1,3-Dichloropropene	ND		50.0	54.2		ug/L		108	73 - 128
Dibromochloromethane	ND		50.0	58.2		ug/L		116	74 - 140
Dibromomethane	ND		50.0	56.7		ug/L		113	75 - 125
Dichlorodifluoromethane	ND		50.0	53.7		ug/L		107	51 - 128
Di-isopropyl ether (DIPE)	ND		50.0	54.2		ug/L		108	71 - 129
Ethanol	ND		500	511		ug/L		102	21 - 180
Ethylbenzene	ND		50.0	54.4		ug/L		109	75 - 127
Ethyl-t-butyl ether (ETBE)	ND	F1	50.0	60.5		ug/L		121	67 - 125
Hexachloro-1,3-butadiene	ND		50.0	55.3		ug/L		111	64 - 147
Isopropylbenzene	ND		50.0	56.3		ug/L		113	75 - 130
m,p-Xylene	ND		100	109		ug/L		109	75 - 128
Methylene Chloride	ND		50.0	61.9		ug/L		124	70 - 125
Methyl-t-Butyl Ether (MTBE)	ND		50.0	58.3		ug/L		117	65 - 125
Naphthalene	ND		50.0	60.3		ug/L		121	75 - 134
n-Butylbenzene	ND		50.0	56.6		ug/L		113	71 - 137
N-Propylbenzene	ND		50.0	55.1		ug/L		110	75 - 129
o-Xylene	ND		50.0	56.6		ug/L		113	75 - 128
p-Isopropyltoluene	ND		50.0	58.8		ug/L		118	74 - 135
sec-Butylbenzene	ND		50.0	56.7		ug/L		113	75 - 132
Styrene	ND		50.0	54.6		ug/L		109	75 - 129
Tert-amyl-methyl ether (TAME)	ND		50.0	58.2		ug/L		116	70 - 125
tert-Butyl alcohol (TBA)	ND		250	284		ug/L		114	68 - 139
tert-Butylbenzene	ND		50.0	56.9		ug/L		114	75 - 132
Tetrachloroethene	ND		50.0	52.7		ug/L		105	54 - 149
Toluene	ND		50.0	53.1		ug/L		106	75 - 125
trans-1,2-Dichloroethene	ND		50.0	55.2		ug/L		110	70 - 125
trans-1,3-Dichloropropene	ND		50.0	53.9		ug/L		108	69 - 144
Trichloroethene	ND		50.0	56.2		ug/L		112	68 - 128
Trichlorofluoromethane	ND		50.0	54.4		ug/L		109	54 - 150
Vinyl acetate	ND		50.0	57.0		ug/L		114	50 - 150
Vinyl chloride	ND		50.0	52.9		ug/L		106	58 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 570-81329-A-1 MSD
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	57.8		ug/L		116	75 - 138	4	20
1,1,1-Trichloroethane	ND		50.0	60.8		ug/L		122	69 - 127	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-81329-A-1 MSD
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	ND		50.0	56.7		ug/L		113	75 - 133	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	59.3		ug/L		119	50 - 125	7	20
1,1,2-Trichloroethane	ND		50.0	54.9		ug/L		110	75 - 125	1	20
1,1-Dichloroethane	ND		50.0	59.0		ug/L		118	75 - 125	6	20
1,1-Dichloroethene	ND		50.0	60.6		ug/L		121	57 - 135	8	20
1,1-Dichloropropene	ND		50.0	57.6		ug/L		115	73 - 125	4	20
1,2,3-Trichlorobenzene	ND		50.0	62.0		ug/L		124	73 - 136	2	20
1,2,3-Trichloropropane	ND	F1 F2	50.0	31.4	F1 F2	ug/L		63	75 - 125	54	20
1,2,4-Trichlorobenzene	ND		50.0	60.6		ug/L		121	69 - 136	1	20
1,2,4-Trimethylbenzene	ND		50.0	57.8		ug/L		116	75 - 131	5	20
1,2-Dibromo-3-Chloropropane	ND		50.0	52.3		ug/L		105	65 - 128	2	20
1,2-Dibromoethane	ND		50.0	55.9		ug/L		112	75 - 125	2	20
1,2-Dichlorobenzene	ND		50.0	57.0		ug/L		114	75 - 125	4	20
1,2-Dichloroethane	ND		50.0	53.7		ug/L		107	75 - 127	1	20
1,2-Dichloropropane	ND		50.0	57.8		ug/L		116	75 - 126	5	20
1,3,5-Trimethylbenzene	ND		50.0	60.7		ug/L		121	75 - 129	4	20
1,3-Dichlorobenzene	ND		50.0	56.5		ug/L		113	75 - 125	3	20
1,3-Dichloropropane	ND		50.0	55.2		ug/L		110	75 - 126	2	20
1,4-Dichlorobenzene	ND		50.0	55.5		ug/L		111	75 - 125	5	20
2,2-Dichloropropane	ND		50.0	54.3		ug/L		109	51 - 141	1	20
2-Butanone	ND		50.0	48.8		ug/L		98	61 - 137	10	20
2-Chlorotoluene	ND		50.0	56.9		ug/L		114	75 - 125	4	20
2-Hexanone	ND		50.0	52.8		ug/L		106	60 - 155	5	20
4-Chlorotoluene	ND		50.0	57.7		ug/L		115	75 - 130	5	20
4-Methyl-2-pentanone	ND		50.0	53.5		ug/L		107	66 - 138	5	20
Acetone	ND		50.0	46.2		ug/L		92	49 - 133	4	20
Benzene	ND		50.0	54.3		ug/L		109	75 - 125	5	20
Bromobenzene	ND		50.0	57.2		ug/L		114	75 - 127	2	20
Bromochloromethane	ND		50.0	57.3		ug/L		115	72 - 125	2	20
Bromodichloromethane	ND		50.0	60.7		ug/L		121	75 - 129	4	20
Bromoform	ND		50.0	57.6		ug/L		115	65 - 146	1	20
Bromomethane	ND		50.0	46.8		ug/L		94	51 - 146	11	23
Carbon disulfide	ND		50.0	57.9		ug/L		116	67 - 129	7	20
Carbon tetrachloride	ND		50.0	58.3		ug/L		117	68 - 137	4	20
Chlorobenzene	ND		50.0	54.4		ug/L		109	75 - 125	5	20
Chloroethane	ND		50.0	54.4		ug/L		109	60 - 145	6	20
Chloroform	ND		50.0	59.8		ug/L		120	75 - 125	4	20
Chloromethane	ND		50.0	51.0		ug/L		102	56 - 142	8	20
cis-1,2-Dichloroethene	ND		50.0	58.6		ug/L		117	57 - 142	5	20
cis-1,3-Dichloropropene	ND		50.0	55.6		ug/L		111	73 - 128	3	20
Dibromochloromethane	ND		50.0	59.7		ug/L		119	74 - 140	2	20
Dibromomethane	ND		50.0	56.7		ug/L		113	75 - 125	0	20
Dichlorodifluoromethane	ND		50.0	57.0		ug/L		114	51 - 128	6	20
Di-isopropyl ether (DIPE)	ND		50.0	57.0		ug/L		114	71 - 129	5	20
Ethanol	ND		500	526		ug/L		105	21 - 180	3	40
Ethylbenzene	ND		50.0	57.0		ug/L		114	75 - 127	5	20
Ethyl-t-butyl ether (ETBE)	ND	F1	50.0	62.8	F1	ug/L		126	67 - 125	4	20
Hexachloro-1,3-butadiene	ND		50.0	57.8		ug/L		116	64 - 147	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-81329-A-1 MSD
Matrix: Water
Analysis Batch: 207111

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropylbenzene	ND		50.0	59.6		ug/L		119	75 - 130	6	20
m,p-Xylene	ND		100	114		ug/L		114	75 - 128	4	20
Methylene Chloride	ND		50.0	57.3		ug/L		115	70 - 125	8	20
Methyl-t-Butyl Ether (MTBE)	ND		50.0	61.5		ug/L		123	65 - 125	5	20
Naphthalene	ND		50.0	60.3		ug/L		121	75 - 134	0	20
n-Butylbenzene	ND		50.0	58.9		ug/L		118	71 - 137	4	20
N-Propylbenzene	ND		50.0	57.5		ug/L		115	75 - 129	4	20
o-Xylene	ND		50.0	59.4		ug/L		119	75 - 128	5	20
p-Isopropyltoluene	ND		50.0	62.2		ug/L		124	74 - 135	6	20
sec-Butylbenzene	ND		50.0	60.4		ug/L		121	75 - 132	6	20
Styrene	ND		50.0	57.0		ug/L		114	75 - 129	4	20
Tert-amyl-methyl ether (TAME)	ND		50.0	59.8		ug/L		120	70 - 125	3	20
tert-Butyl alcohol (TBA)	ND		250	287		ug/L		115	68 - 139	1	20
tert-Butylbenzene	ND		50.0	60.2		ug/L		120	75 - 132	6	20
Tetrachloroethene	ND		50.0	54.7		ug/L		109	54 - 149	4	20
Toluene	ND		50.0	55.6		ug/L		111	75 - 125	5	20
trans-1,2-Dichloroethene	ND		50.0	59.3		ug/L		119	70 - 125	7	20
trans-1,3-Dichloropropene	ND		50.0	54.7		ug/L		109	69 - 144	2	20
Trichloroethene	ND		50.0	57.8		ug/L		116	68 - 128	3	20
Trichlorofluoromethane	ND		50.0	58.2		ug/L		116	54 - 150	7	20
Vinyl acetate	ND		50.0	55.0		ug/L		110	50 - 150	4	20
Vinyl chloride	ND		50.0	58.2		ug/L		116	58 - 140	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 123*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-206932/3-A
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 206932

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.055	mg/Kg		01/12/22 08:38	01/12/22 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*01/12/22 08:38*	*01/12/22 11:51*	*1*

Lab Sample ID: LCS 570-206932/1-A
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 206932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (C4-C13)	1.97	1.78		mg/Kg		90	70 - 124

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-206932/1-A
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 206932

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*102*		*42 - 126*

Lab Sample ID: LCSD 570-206932/2-A
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 206932

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.97	1.81		mg/Kg		92	70 - 124	2	18

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*42 - 126*

Lab Sample ID: 570-81212-A-1-I MS
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 206932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (C4-C13)	ND		1.96	1.46		mg/Kg		75	48 - 114

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*100*		*42 - 126*

Lab Sample ID: 570-81212-A-1-J MSD
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 206932

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	ND		1.97	1.45		mg/Kg		73	48 - 114	1	23

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-207034/1-A
Matrix: Solid
Analysis Batch: 207016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	3.8	mg/Kg		01/12/22 12:49	01/12/22 17:12	1
C23-C40	4.24	J	5.0	3.8	mg/Kg		01/12/22 12:49	01/12/22 17:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*98*		*60 - 138*	*01/12/22 12:49*	*01/12/22 17:12*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-207034/2-A
Matrix: Solid
Analysis Batch: 207016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207034

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	412		mg/Kg		103	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*101*		*60 - 138*

Lab Sample ID: LCSD 570-207034/3-A
Matrix: Solid
Analysis Batch: 207016

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 207034

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	433		mg/Kg		108	80 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*97*		*60 - 138*

Lab Sample ID: 440-294012-2 MS
Matrix: Solid
Analysis Batch: 207016

Client Sample ID: SB-1-2-220110
Prep Type: Total/NA
Prep Batch: 207034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	ND		402	422		mg/Kg		105	43 - 165		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*101*		*60 - 138*

Lab Sample ID: 440-294012-2 MSD
Matrix: Solid
Analysis Batch: 207016

Client Sample ID: SB-1-2-220110
Prep Type: Total/NA
Prep Batch: 207034

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		406	438		mg/Kg		108	43 - 165	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*99*		*60 - 138*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-664214/1-A ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 664214

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.4	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Arsenic	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Barium	ND		3.0	2.7	mg/Kg		01/13/22 07:59	01/18/22 09:45	5

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 440-664214/1-A ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 664214

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Chromium	ND		1.0	0.70	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Cobalt	ND		1.0	0.55	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Copper	ND		2.0	0.89	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Lead	ND		2.0	0.65	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Molybdenum	ND		2.0	0.62	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Nickel	ND		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Silver	ND		1.5	0.57	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Thallium	ND		10	5.9	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Vanadium	ND		1.0	0.68	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Zinc	ND		5.0	4.0	mg/Kg		01/13/22 07:59	01/18/22 09:45	5

Lab Sample ID: LCS 440-664214/2-A ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 664214

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.5	43.8		mg/Kg		87	80 - 120
Arsenic	50.5	45.5		mg/Kg		90	80 - 120
Barium	50.5	46.6		mg/Kg		92	80 - 120
Beryllium	50.5	46.4		mg/Kg		92	80 - 120
Cadmium	50.5	46.0		mg/Kg		91	80 - 120
Chromium	50.5	46.8		mg/Kg		93	80 - 120
Cobalt	50.5	46.9		mg/Kg		93	80 - 120
Copper	50.5	46.4		mg/Kg		92	80 - 120
Lead	50.5	46.2		mg/Kg		91	80 - 120
Molybdenum	50.5	44.6		mg/Kg		88	80 - 120
Nickel	50.5	46.8		mg/Kg		93	80 - 120
Selenium	50.5	44.9		mg/Kg		89	80 - 120
Silver	25.3	23.1		mg/Kg		91	80 - 120
Thallium	50.5	44.9		mg/Kg		89	80 - 120
Vanadium	50.5	46.8		mg/Kg		93	80 - 120
Zinc	50.5	45.2		mg/Kg		90	80 - 120

Lab Sample ID: 570-80001-A-2-F MS ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 664214

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1	50.8	13.5	F1	mg/Kg		27	75 - 125
Arsenic	3.8		50.8	47.2		mg/Kg		85	75 - 125
Barium	98		50.8	151		mg/Kg		105	75 - 125
Beryllium	0.17	J	50.8	44.9		mg/Kg		88	75 - 125
Cadmium	0.85		50.8	44.1		mg/Kg		85	75 - 125
Chromium	23		50.8	67.6		mg/Kg		88	75 - 125
Cobalt	4.2		50.8	48.2		mg/Kg		87	75 - 125
Copper	54		50.8	96.9		mg/Kg		85	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-80001-A-2-F MS ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 664214

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1700		50.8	1780	4	mg/Kg		139	75 - 125
Molybdenum	2.8		50.8	44.1		mg/Kg		81	75 - 125
Nickel	12		50.8	56.0		mg/Kg		87	75 - 125
Selenium	ND		50.8	41.4		mg/Kg		82	75 - 125
Silver	ND		25.4	22.3		mg/Kg		88	75 - 125
Thallium	ND		50.8	41.0		mg/Kg		81	75 - 125
Vanadium	32		50.8	80.1		mg/Kg		95	75 - 125
Zinc	310		50.8	347	4	mg/Kg		66	75 - 125

Lab Sample ID: 570-80001-A-2-G MSD ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 664214

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1	49.5	13.4	F1	mg/Kg		27	75 - 125	0	20
Arsenic	3.8		49.5	43.6		mg/Kg		80	75 - 125	8	20
Barium	98		49.5	146		mg/Kg		97	75 - 125	3	20
Beryllium	0.17	J	49.5	43.4		mg/Kg		87	75 - 125	3	20
Cadmium	0.85		49.5	42.5		mg/Kg		84	75 - 125	4	20
Chromium	23		49.5	65.4		mg/Kg		86	75 - 125	3	20
Cobalt	4.2		49.5	46.8		mg/Kg		86	75 - 125	3	20
Copper	54		49.5	93.8		mg/Kg		81	75 - 125	3	20
Lead	1700		49.5	1720	4	mg/Kg		17	75 - 125	4	20
Molybdenum	2.8		49.5	42.5		mg/Kg		80	75 - 125	4	20
Nickel	12		49.5	54.0		mg/Kg		85	75 - 125	4	20
Selenium	ND		49.5	39.6		mg/Kg		80	75 - 125	5	20
Silver	ND		24.8	21.5		mg/Kg		87	75 - 125	3	20
Thallium	ND		49.5	40.3		mg/Kg		82	75 - 125	2	20
Vanadium	32		49.5	77.3		mg/Kg		92	75 - 125	4	20
Zinc	310		49.5	333	4	mg/Kg		41	75 - 125	4	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-208335/1-A
Matrix: Solid
Analysis Batch: 208537

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208335

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.082	0.013	mg/Kg		01/19/22 15:35	01/20/22 14:24	1

Lab Sample ID: LCS 570-208335/2-A
Matrix: Solid
Analysis Batch: 208537

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 208335

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.857		mg/Kg		103	85 - 121

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-208335/3-A
Matrix: Solid
Analysis Batch: 208537

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 208335

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.862		mg/Kg		103	85 - 121	1	10

Lab Sample ID: 570-80704-A-1-D MS
Matrix: Solid
Analysis Batch: 208537

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 208335

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.016	J F1 F2	0.806	0.512	F1	mg/Kg		61	71 - 137

Lab Sample ID: 570-80704-A-1-E MSD
Matrix: Solid
Analysis Batch: 208537

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 208335

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.016	J F1 F2	0.794	0.672	F2	mg/Kg		83	71 - 137	27	14

Lab Sample ID: MB 570-208375/1-A
Matrix: Solid
Analysis Batch: 208530

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208375

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0217	J	0.082	0.013	mg/Kg		01/19/22 19:03	01/20/22 14:04	1

Lab Sample ID: LCS 570-208375/2-A
Matrix: Solid
Analysis Batch: 208530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 208375

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.888		mg/Kg		107	85 - 121

Lab Sample ID: LCSD 570-208375/3-A
Matrix: Solid
Analysis Batch: 208530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 208375

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.893		mg/Kg		107	85 - 121	1	10

Lab Sample ID: 570-81486-A-1-C MS
Matrix: Solid
Analysis Batch: 208530

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 208375

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.22	B	0.806	1.25		mg/Kg		128	71 - 137

Lab Sample ID: 570-81486-A-1-D MSD
Matrix: Solid
Analysis Batch: 208530

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 208375

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.22	B	0.820	1.27		mg/Kg		129	71 - 137	2	14

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

GC/MS VOA

Analysis Batch: 207111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-1	TB-220110	Total/NA	Water	8260B	
MB 570-207111/11	Method Blank	Total/NA	Water	8260B	
LCS 570-207111/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-207111/6	Lab Control Sample Dup	Total/NA	Water	8260B	
570-81329-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
570-81329-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 206921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-2	SB-1-2-220110	Total/NA	Solid	8015B	206932
440-294012-3	SB-1-5-220110	Total/NA	Solid	8015B	206932
440-294012-4	SB-7-5-220110	Total/NA	Solid	8015B	206932
440-294012-5	SB-7-10-220110	Total/NA	Solid	8015B	206932
440-294012-6	SB-4-5-220110	Total/NA	Solid	8015B	206932
440-294012-8	SB-6-5-220110	Total/NA	Solid	8015B	206932
MB 570-206932/3-A	Method Blank	Total/NA	Solid	8015B	206932
LCS 570-206932/1-A	Lab Control Sample	Total/NA	Solid	8015B	206932
LCSD 570-206932/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B	206932
570-81212-A-1-I MS	Matrix Spike	Total/NA	Solid	8015B	206932
570-81212-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	206932

Prep Batch: 206932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-2	SB-1-2-220110	Total/NA	Solid	5030C	
440-294012-3	SB-1-5-220110	Total/NA	Solid	5030C	
440-294012-4	SB-7-5-220110	Total/NA	Solid	5030C	
440-294012-5	SB-7-10-220110	Total/NA	Solid	5030C	
440-294012-6	SB-4-5-220110	Total/NA	Solid	5030C	
440-294012-8	SB-6-5-220110	Total/NA	Solid	5030C	
MB 570-206932/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-206932/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-206932/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-81212-A-1-I MS	Matrix Spike	Total/NA	Solid	5030C	
570-81212-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5030C	

GC Semi VOA

Analysis Batch: 207016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-2	SB-1-2-220110	Total/NA	Solid	8015B	207034
440-294012-3	SB-1-5-220110	Total/NA	Solid	8015B	207034
440-294012-4	SB-7-5-220110	Total/NA	Solid	8015B	207034
440-294012-5	SB-7-10-220110	Total/NA	Solid	8015B	207034
440-294012-6	SB-4-5-220110	Total/NA	Solid	8015B	207034
440-294012-8	SB-6-5-220110	Total/NA	Solid	8015B	207034
MB 570-207034/1-A	Method Blank	Total/NA	Solid	8015B	207034
LCS 570-207034/2-A	Lab Control Sample	Total/NA	Solid	8015B	207034
LCSD 570-207034/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	207034
440-294012-2 MS	SB-1-2-220110	Total/NA	Solid	8015B	207034
440-294012-2 MSD	SB-1-2-220110	Total/NA	Solid	8015B	207034

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

GC Semi VOA

Prep Batch: 207034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-2	SB-1-2-220110	Total/NA	Solid	3550C	
440-294012-3	SB-1-5-220110	Total/NA	Solid	3550C	
440-294012-4	SB-7-5-220110	Total/NA	Solid	3550C	
440-294012-5	SB-7-10-220110	Total/NA	Solid	3550C	
440-294012-6	SB-4-5-220110	Total/NA	Solid	3550C	
440-294012-8	SB-6-5-220110	Total/NA	Solid	3550C	
MB 570-207034/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-207034/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-207034/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
440-294012-2 MS	SB-1-2-220110	Total/NA	Solid	3550C	
440-294012-2 MSD	SB-1-2-220110	Total/NA	Solid	3550C	

Metals

Prep Batch: 208335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-2	SB-1-2-220110	Total/NA	Solid	7471A	
MB 570-208335/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-208335/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-208335/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-80704-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	
570-80704-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Prep Batch: 208375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-3	SB-1-5-220110	Total/NA	Solid	7471A	
440-294012-4	SB-7-5-220110	Total/NA	Solid	7471A	
440-294012-5	SB-7-10-220110	Total/NA	Solid	7471A	
440-294012-6	SB-4-5-220110	Total/NA	Solid	7471A	
440-294012-8	SB-6-5-220110	Total/NA	Solid	7471A	
MB 570-208375/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-208375/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-208375/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-81486-A-1-C MS	Matrix Spike	Total/NA	Solid	7471A	
570-81486-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 208530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-3	SB-1-5-220110	Total/NA	Solid	7471A	208375
440-294012-4	SB-7-5-220110	Total/NA	Solid	7471A	208375
440-294012-5	SB-7-10-220110	Total/NA	Solid	7471A	208375
440-294012-6	SB-4-5-220110	Total/NA	Solid	7471A	208375
440-294012-8	SB-6-5-220110	Total/NA	Solid	7471A	208375
MB 570-208375/1-A	Method Blank	Total/NA	Solid	7471A	208375
LCS 570-208375/2-A	Lab Control Sample	Total/NA	Solid	7471A	208375
LCSD 570-208375/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	208375
570-81486-A-1-C MS	Matrix Spike	Total/NA	Solid	7471A	208375
570-81486-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	208375

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Metals

Analysis Batch: 208537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-2	SB-1-2-220110	Total/NA	Solid	7471A	208335
MB 570-208335/1-A	Method Blank	Total/NA	Solid	7471A	208335
LCS 570-208335/2-A	Lab Control Sample	Total/NA	Solid	7471A	208335
LCSD 570-208335/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	208335
570-80704-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	208335
570-80704-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	208335

Prep Batch: 664214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-2	SB-1-2-220110	Total/NA	Solid	3050B	
440-294012-3	SB-1-5-220110	Total/NA	Solid	3050B	
440-294012-4	SB-7-5-220110	Total/NA	Solid	3050B	
440-294012-5	SB-7-10-220110	Total/NA	Solid	3050B	
440-294012-6	SB-4-5-220110	Total/NA	Solid	3050B	
440-294012-8	SB-6-5-220110	Total/NA	Solid	3050B	
MB 440-664214/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-664214/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
570-80001-A-2-F MS ^5	Matrix Spike	Total/NA	Solid	3050B	
570-80001-A-2-G MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 664719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294012-2	SB-1-2-220110	Total/NA	Solid	6010B	664214
440-294012-3	SB-1-5-220110	Total/NA	Solid	6010B	664214
440-294012-4	SB-7-5-220110	Total/NA	Solid	6010B	664214
440-294012-5	SB-7-10-220110	Total/NA	Solid	6010B	664214
440-294012-6	SB-4-5-220110	Total/NA	Solid	6010B	664214
440-294012-8	SB-6-5-220110	Total/NA	Solid	6010B	664214
MB 440-664214/1-A ^5	Method Blank	Total/NA	Solid	6010B	664214
LCS 440-664214/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	664214
570-80001-A-2-F MS ^5	Matrix Spike	Total/NA	Solid	6010B	664214
570-80001-A-2-G MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	664214

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294012-1

Laboratory: Eurofins Calscience Tustin

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-22

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

RAMBOLL

CHAIN-OF-CUSTODY FORM

№ 16884

PROJECT NAME/FACILITY ID: REXFORD - IRWINDALE | DATE: 1/10/2022 | FIELD PERSON#: N.KRAWEC

PROJECT NUMBER: 1690024768-002 | PROJECT MANAGER: M.POMPA

PROJECT LOCATION: IRWINDALE, CA | LABORATORY: EUROFINS

Sampler: N KRAWEC

Signature:

440-294012 Chain of Custody

SAMPLE ID NUMBER	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH (F)	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR, (SG) SOIL GAS, (so) SOIL (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	Analysis Required: TPH Full (8015M)**	METALS (6010/7000)	HOLD	VOCs (8260B)	COMMENTS
TB-220110	1/10/22	0700	–	–	W	2	U	H				X	* REPORT RESULTS TO MPOMPA@RAMBOLL.COM
SB-1-2-220110		0932	2	–	SO	1	–	NO	X	X			** SAMPLES TO BE HELD PENDING TPH RESULTS
SB-1-5-220110		1002	5	–	SO	1	–	NO	X	X			6 SAMPLES TO BE ANALYZED FOR PCBs (8082) IF TPH LEVELS ARE EXCEEDED
SB-7-5-220110		1158	5						X	X			
SB-7-10-220110		1202	10						X	X			
SB-4-5-220110		1426	5						X	X			
SB-4-7-220110		1430	7								X		
SB-6-5-220110		1620	5						X	X			
TOTAL													

NM 1/10/22

RELINQUISHED BY	TIME/DATE	RECEIVED BY COMPANY	TIME/DATE	TURNAROUND TIME (CIRCLE ONE)	
N KRAWEC	1/10/2022 @ 1800	EC-T	1/10/22 1800	SAME DAY / 24 HOURS / 48 HOURS	72 HOURS / 5 DAYS / NORMAL
RELINQUISHED BY	TIME/DATE	RECEIVED BY COMPANY	TIME/DATE		
RELINQUISHED BY	TIME/DATE	RECEIVED BY COMPANY	TIME/DATE	SAMPLE INTEGRITY INTACT Y N TEMP____	SAMPLE INTEGRITY INTACT Y N

H = HCL N = HNO S = H_2SO, U = UNKNOWN NO = NONE O = OTHER V = VARIOUS

SWBU Office Locations
☑ 5 Park Plaza, Suite 500 Irvine CA 92614 +1 949 261 5151 +1 949 261 6202
☐ 350 S Grand Avenue Suite 2800 Los Angeles CA 90071 +1 213 943 6300 +1 213 943 6301
☐ 2111 East Highland Avenue Suite 402 Phoenix AZ 85016 +1 602 734 7700 +1 602 734-7701

IR89 5.4/5.4

Eurofins Calscience Tustin
2841 Dow Avenue
Tustin CA 92780
Phone 949-261-1022 Fax: 949-260-3297

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler	Lab PM: Roberts, Danielle C	Carrier Tracking No(s)	COC No: 440-177351 1
Client Contact: Shipping/Receiving	Phone	E-Mail: Danielle Roberts@Eurofinset.com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State - California, State Program - California		Job #: 440-294012-1
Address: 7440 Lincoln Way, ,	Due Date Requested: 1/14/2022			
City: Garden Grove	TAT Requested (days):			
State Zip: CA, 92841				
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:			
Email:	WO #:			
Project Name: Rexford- Irwindale	Project #: 44025558			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U - Acetone, V - MCAA, W pH 4-5, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030C (MOD) Routine + Oxy's	8015B_DRO/3550C C13-C22 / C23-C40	8015B_GRO/5030C_Solid_NAC Gasoline Range Organics C4-C12	8015B_GRO/5030C_H Gasoline Range Organics C4-C12	Total Number of containers	Special Instructions/Note
		Preservation Code:										
TB-220110 (440-294012-1)	1/10/22	07:00 Pacific		Water			X				2	
SB-1-2-220110 (440-294012-2)	1/10/22	09:32 Pacific		Solid				X	X	X	1	
SB-1-5-220110 (440-294012-3)	1/10/22	10:02 Pacific		Solid				X	X	X	1	
SB-7-5-220110 (440-294012-4)	1/10/22	11 58 Pacific		Solid				X	X	X	1	
SB-7-10-220110 (440-294012-5)	1/10/22	12 02 Pacific		Solid				X	X	X	1	
SB-4-5-220110 (440-294012-6)	1/10/22	14 26 Pacific		Solid				X	X	X	1	
SB-6-5-220110 (440-294012-8)	1/10/22	16:20 Pacific		Solid				X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Southwest places the ownership of method analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Southwest laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Southwest attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Southwest.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		1/11/22	ECT		01/11/22 1834	EC1
2	Relinquished by:	Date/Time: 01/11/22 1945	Company EC1	Received by:	Date/Time: 1/11/22 1945	Company ECCG
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No: N/A	Cooler Temperature(s) °C and Other Remarks: 1.6/3.1 SCG

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 440-294012-1

Login Number: 294012
List Number: 1
Creator: Skinner, Alma D

List Source: Eurofins Calscience Tustin

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 440-294012-1

Login Number: 294012
List Number: 2
Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience
List Creation: 01/11/22 10:46 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience Tustin
2841 Dow Avenue
Tustin, CA 92780
Tel: (949)261-1022

Laboratory Job ID: 440-294064-1
Laboratory Sample Delivery Group: Irwindale, CA
Client Project/Site: Rexford- Irwindale

For:
Ramboll US Corporation
5 Park Plaza
Suite 500
Irvine, California 92614

Attn: Michelle Pompa

Authorized for release by:
1/22/2022 5:10:31 AM

Danielle Roberts, Senior Project Manager
(949)261-1022
Danielle.Roberts@Eurofinset.com

LINKS

Review your project results through TotalAccess

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-294064-1	TB-220111	Water	01/11/22 07:00	01/11/22 16:20
440-294064-2	SB-6-10-220111	Solid	01/11/22 07:56	01/11/22 16:20
440-294064-3	SB-3-5-220111	Solid	01/11/22 09:30	01/11/22 16:20
440-294064-4	SB-3-10-220111	Solid	01/11/22 09:34	01/11/22 16:20
440-294064-5	SB-9-5-220111	Solid	01/11/22 11:30	01/11/22 16:20
440-294064-6	SB-9-10-220111	Solid	01/11/22 11:34	01/11/22 16:20
440-294064-7	SB-8-5-220111	Solid	01/11/22 12:20	01/11/22 16:20
440-294064-8	SB-8-10-220111	Solid	01/11/22 12:22	01/11/22 16:20
440-294064-9	SB-10-5-220111	Solid	01/11/22 13:50	01/11/22 16:20
440-294064-10	SB-10-10-220111	Solid	01/11/22 13:52	01/11/22 16:20

Job ID: 440-294064-1

Laboratory: Eurofins Calscience Tustin

Narrative

Job Narrative
440-294064-1

Comments
No additional comments.

Receipt
The samples were received on 1/11/2022 4:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.7º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-206969. A laboratory LCS/LCSD was analyzed to provide precision data.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-207186. A laboratory LCS/LCSD was analyzed to provide precision data.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-207463. A laboratory LCS/LCSD was analyzed to provide precision data.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries of Antimony for preparation batch 440-664214 and analytical batch 440-664719 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Client Sample ID: TB-220111 — Lab Sample ID: 440-294064-1

No Detections.

Client Sample ID: SB-6-10-220111 — Lab Sample ID: 440-294064-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	6.1		4.9	3.8	mg/Kg	1		8015B	Total/NA
Arsenic	1.7	J	3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	49		3.0	2.7	mg/Kg	5		6010B	Total/NA
Beryllium	0.20	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	7.0		1.0	0.70	mg/Kg	5		6010B	Total/NA
Cobalt	4.1		1.0	0.55	mg/Kg	5		6010B	Total/NA
Copper	7.7		2.0	0.88	mg/Kg	5		6010B	Total/NA
Lead	3.3		2.0	0.64	mg/Kg	5		6010B	Total/NA
Molybdenum	0.73	J	2.0	0.61	mg/Kg	5		6010B	Total/NA
Nickel	4.7		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	16		1.0	0.67	mg/Kg	5		6010B	Total/NA
Zinc	24		5.0	4.0	mg/Kg	5		6010B	Total/NA
Mercury	0.16		0.083	0.014	mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-3-5-220111 — Lab Sample ID: 440-294064-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	16		4.9	3.8	mg/Kg	1		8015B	Total/NA
Arsenic	2.9	J	3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	66		3.0	2.6	mg/Kg	5		6010B	Total/NA
Beryllium	0.18	J	0.49	0.11	mg/Kg	5		6010B	Total/NA
Chromium	13		0.99	0.68	mg/Kg	5		6010B	Total/NA
Cobalt	4.3		0.99	0.54	mg/Kg	5		6010B	Total/NA
Copper	13		2.0	0.87	mg/Kg	5		6010B	Total/NA
Lead	15		2.0	0.63	mg/Kg	5		6010B	Total/NA
Molybdenum	1.6	J	2.0	0.60	mg/Kg	5		6010B	Total/NA
Nickel	7.1		2.0	0.45	mg/Kg	5		6010B	Total/NA
Vanadium	24		0.99	0.66	mg/Kg	5		6010B	Total/NA
Zinc	33		4.9	3.9	mg/Kg	5		6010B	Total/NA
Mercury	0.033	J	0.083	0.014	mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-3-10-220111 — Lab Sample ID: 440-294064-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	4.9	J	5.0	3.8	mg/Kg	1		8015B	Total/NA
Arsenic	3.2		3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	100		3.0	2.6	mg/Kg	5		6010B	Total/NA
Beryllium	0.26	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	8.8		1.0	0.69	mg/Kg	5		6010B	Total/NA
Cobalt	5.4		1.0	0.54	mg/Kg	5		6010B	Total/NA
Copper	16		2.0	0.88	mg/Kg	5		6010B	Total/NA
Lead	2.9		2.0	0.64	mg/Kg	5		6010B	Total/NA
Nickel	6.4		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	27		1.0	0.67	mg/Kg	5		6010B	Total/NA
Zinc	34		5.0	3.9	mg/Kg	5		6010B	Total/NA
Mercury	0.043	J	0.079	0.013	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Client Sample ID: SB-9-5-220111 — Lab Sample ID: 440-294064-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.39	J	0.94	0.24	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	9.9	J	19	6.6	ug/Kg	1		8260B	Total/NA
Toluene	0.29	J	0.94	0.25	ug/Kg	1		8260B	Total/NA
C23-C40	52		4.8	3.7	mg/Kg	1		8015B	Total/NA
Barium	55		3.0	2.6	mg/Kg	5		6010B	Total/NA
Beryllium	0.12	J	0.49	0.11	mg/Kg	5		6010B	Total/NA
Chromium	6.9		0.99	0.68	mg/Kg	5		6010B	Total/NA
Cobalt	2.7		0.99	0.54	mg/Kg	5		6010B	Total/NA
Copper	18		2.0	0.87	mg/Kg	5		6010B	Total/NA
Lead	7.0		2.0	0.63	mg/Kg	5		6010B	Total/NA
Molybdenum	0.64	J	2.0	0.60	mg/Kg	5		6010B	Total/NA
Nickel	4.0		2.0	0.45	mg/Kg	5		6010B	Total/NA
Vanadium	14		0.99	0.66	mg/Kg	5		6010B	Total/NA
Zinc	21		4.9	3.9	mg/Kg	5		6010B	Total/NA
Mercury	0.046	J	0.081	0.013	mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-9-10-220111 — Lab Sample ID: 440-294064-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butyl alcohol (TBA)	34		34	12	ug/Kg	1		8260B	Total/NA
C23-C40	36		5.0	3.8	mg/Kg	1		8015B	Total/NA
Arsenic	2.6	J	3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	140		3.0	2.6	mg/Kg	5		6010B	Total/NA
Beryllium	0.18	J	0.49	0.11	mg/Kg	5		6010B	Total/NA
Chromium	4.3		0.99	0.68	mg/Kg	5		6010B	Total/NA
Cobalt	3.9		0.99	0.54	mg/Kg	5		6010B	Total/NA
Copper	23		2.0	0.87	mg/Kg	5		6010B	Total/NA
Lead	5.8		2.0	0.63	mg/Kg	5		6010B	Total/NA
Nickel	3.1		2.0	0.45	mg/Kg	5		6010B	Total/NA
Vanadium	22		0.99	0.66	mg/Kg	5		6010B	Total/NA
Zinc	52		4.9	3.9	mg/Kg	5		6010B	Total/NA
Mercury	0.024	J	0.082	0.013	mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-8-5-220111 — Lab Sample ID: 440-294064-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	6.7		5.1	3.9	mg/Kg	1		8015B	Total/NA
Barium	54		3.0	2.7	mg/Kg	5		6010B	Total/NA
Beryllium	0.19	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	9.3		1.0	0.70	mg/Kg	5		6010B	Total/NA
Cobalt	3.9		1.0	0.55	mg/Kg	5		6010B	Total/NA
Copper	7.6		2.0	0.88	mg/Kg	5		6010B	Total/NA
Lead	3.1		2.0	0.64	mg/Kg	5		6010B	Total/NA
Molybdenum	0.86	J	2.0	0.61	mg/Kg	5		6010B	Total/NA
Nickel	4.8		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	20		1.0	0.67	mg/Kg	5		6010B	Total/NA
Zinc	24		5.0	4.0	mg/Kg	5		6010B	Total/NA
Mercury	0.041	J	0.083	0.014	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Client Sample ID: SB-8-10-220111 — Lab Sample ID: 440-294064-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	3.7	J	4.8	3.7	mg/Kg	1		8015B	Total/NA
Arsenic	1.8	J	3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	62		3.0	2.6	mg/Kg	5		6010B	Total/NA
Beryllium	0.16	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	5.1		0.99	0.69	mg/Kg	5		6010B	Total/NA
Cobalt	3.1		0.99	0.54	mg/Kg	5		6010B	Total/NA
Copper	8.8		2.0	0.87	mg/Kg	5		6010B	Total/NA
Lead	3.0		2.0	0.64	mg/Kg	5		6010B	Total/NA
Nickel	3.0		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	19		0.99	0.67	mg/Kg	5		6010B	Total/NA
Zinc	28		5.0	3.9	mg/Kg	5		6010B	Total/NA

Client Sample ID: SB-10-5-220111 — Lab Sample ID: 440-294064-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	4.1	J	5.0	3.9	mg/Kg	1		8015B	Total/NA
Arsenic	1.8	J	3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	93		3.0	2.6	mg/Kg	5		6010B	Total/NA
Beryllium	0.20	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	8.8		0.99	0.69	mg/Kg	5		6010B	Total/NA
Cobalt	4.4		0.99	0.54	mg/Kg	5		6010B	Total/NA
Copper	11		2.0	0.87	mg/Kg	5		6010B	Total/NA
Lead	2.3		2.0	0.64	mg/Kg	5		6010B	Total/NA
Nickel	5.5		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	21		0.99	0.67	mg/Kg	5		6010B	Total/NA
Zinc	25		5.0	3.9	mg/Kg	5		6010B	Total/NA

Client Sample ID: SB-10-10-220111 — Lab Sample ID: 440-294064-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	4.6	J	5.2	4.0	mg/Kg	1		8015B	Total/NA
Arsenic	1.7	J	3.0	1.1	mg/Kg	5		6010B	Total/NA
Barium	93		3.0	2.7	mg/Kg	5		6010B	Total/NA
Beryllium	0.20	J	0.50	0.11	mg/Kg	5		6010B	Total/NA
Chromium	6.8		1.0	0.70	mg/Kg	5		6010B	Total/NA
Cobalt	4.7		1.0	0.55	mg/Kg	5		6010B	Total/NA
Copper	9.4		2.0	0.88	mg/Kg	5		6010B	Total/NA
Lead	3.9		2.0	0.64	mg/Kg	5		6010B	Total/NA
Molybdenum	0.95	J	2.0	0.61	mg/Kg	5		6010B	Total/NA
Nickel	4.5		2.0	0.46	mg/Kg	5		6010B	Total/NA
Vanadium	24		1.0	0.67	mg/Kg	5		6010B	Total/NA
Zinc	35		5.0	4.0	mg/Kg	5		6010B	Total/NA
Mercury	0.029	J	0.079	0.013	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TB-220111

Date Collected: 01/11/22 07:00
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.33	ug/L			01/12/22 20:48	1
1,1,1-Trichloroethane	ND		1.0	0.32	ug/L			01/12/22 20:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			01/12/22 20:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.58	ug/L			01/12/22 20:48	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			01/12/22 20:48	1
1,1-Dichloroethane	ND		1.0	0.37	ug/L			01/12/22 20:48	1
1,1-Dichloroethene	ND		1.0	0.33	ug/L			01/12/22 20:48	1
1,1-Dichloropropene	ND		1.0	0.45	ug/L			01/12/22 20:48	1
1,2,3-Trichlorobenzene	ND		1.0	0.54	ug/L			01/12/22 20:48	1
1,2,3-Trichloropropane	ND		5.0	0.27	ug/L			01/12/22 20:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.56	ug/L			01/12/22 20:48	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			01/12/22 20:48	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/L			01/12/22 20:48	1
1,2-Dibromoethane	ND		1.0	0.38	ug/L			01/12/22 20:48	1
1,2-Dichlorobenzene	ND		1.0	0.28	ug/L			01/12/22 20:48	1
1,2-Dichloroethane	ND		0.50	0.22	ug/L			01/12/22 20:48	1
1,2-Dichloropropane	ND		1.0	0.39	ug/L			01/12/22 20:48	1
1,3,5-Trimethylbenzene	ND		1.0	0.34	ug/L			01/12/22 20:48	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			01/12/22 20:48	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			01/12/22 20:48	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			01/12/22 20:48	1
2,2-Dichloropropane	ND		1.0	0.55	ug/L			01/12/22 20:48	1
2-Butanone	ND		20	3.6	ug/L			01/12/22 20:48	1
2-Chlorotoluene	ND		1.0	0.27	ug/L			01/12/22 20:48	1
2-Hexanone	ND		10	3.1	ug/L			01/12/22 20:48	1
4-Chlorotoluene	ND		1.0	0.32	ug/L			01/12/22 20:48	1
4-Methyl-2-pentanone	ND		10	2.9	ug/L			01/12/22 20:48	1
Acetone	ND		20	10	ug/L			01/12/22 20:48	1
Benzene	ND		0.50	0.20	ug/L			01/12/22 20:48	1
Bromobenzene	ND		1.0	0.30	ug/L			01/12/22 20:48	1
Bromochloromethane	ND		2.0	0.30	ug/L			01/12/22 20:48	1
Bromodichloromethane	ND		1.0	0.28	ug/L			01/12/22 20:48	1
Bromoform	ND		5.0	1.5	ug/L			01/12/22 20:48	1
Bromomethane	ND		25	15	ug/L			01/12/22 20:48	1
Carbon disulfide	ND		10	0.40	ug/L			01/12/22 20:48	1
Carbon tetrachloride	ND		0.50	0.34	ug/L			01/12/22 20:48	1
Chlorobenzene	ND		1.0	0.21	ug/L			01/12/22 20:48	1
Chloroethane	ND		5.0	2.4	ug/L			01/12/22 20:48	1
Chloroform	ND		1.0	0.50	ug/L			01/12/22 20:48	1
Chloromethane	ND		10	2.3	ug/L			01/12/22 20:48	1
cis-1,2-Dichloroethene	ND		1.0	0.51	ug/L			01/12/22 20:48	1
cis-1,3-Dichloropropene	ND		0.50	0.23	ug/L			01/12/22 20:48	1
Dibromochloromethane	ND		2.0	0.34	ug/L			01/12/22 20:48	1
Dibromomethane	ND		1.0	0.38	ug/L			01/12/22 20:48	1
Dichlorodifluoromethane	ND		5.0	0.56	ug/L			01/12/22 20:48	1
Di-isopropyl ether (DIPE)	ND		2.0	0.36	ug/L			01/12/22 20:48	1
Ethanol	ND		100	60	ug/L			01/12/22 20:48	1
Ethylbenzene	ND		1.0	0.33	ug/L			01/12/22 20:48	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.49	ug/L			01/12/22 20:48	1

Client Sample ID: TB-220111

Date Collected: 01/11/22 07:00
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	ND		20	1.3	ug/L			01/12/22 20:48	1
Isopropylbenzene	ND		1.0	0.37	ug/L			01/12/22 20:48	1
m,p-Xylene	ND		2.0	0.48	ug/L			01/12/22 20:48	1
Methylene Chloride	ND		10	4.0	ug/L			01/12/22 20:48	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.34	ug/L			01/12/22 20:48	1
Naphthalene	ND		10	5.0	ug/L			01/12/22 20:48	1
n-Butylbenzene	ND		1.0	0.52	ug/L			01/12/22 20:48	1
N-Propylbenzene	ND		1.0	0.41	ug/L			01/12/22 20:48	1
o-Xylene	ND		1.0	0.26	ug/L			01/12/22 20:48	1
p-Isopropyltoluene	ND		1.0	0.38	ug/L			01/12/22 20:48	1
sec-Butylbenzene	ND		1.0	0.29	ug/L			01/12/22 20:48	1
Styrene	ND		1.0	0.38	ug/L			01/12/22 20:48	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.56	ug/L			01/12/22 20:48	1
tert-Butyl alcohol (TBA)	ND		10	3.9	ug/L			01/12/22 20:48	1
tert-Butylbenzene	ND		1.0	0.36	ug/L			01/12/22 20:48	1
Tetrachloroethene	ND		1.0	0.35	ug/L			01/12/22 20:48	1
Toluene	ND		1.0	0.34	ug/L			01/12/22 20:48	1
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/L			01/12/22 20:48	1
trans-1,3-Dichloropropene	ND		0.50	0.30	ug/L			01/12/22 20:48	1
Trichloroethene	ND		1.0	0.35	ug/L			01/12/22 20:48	1
Trichlorofluoromethane	ND		10	0.36	ug/L			01/12/22 20:48	1
Vinyl acetate	ND		10	4.6	ug/L			01/12/22 20:48	1
Vinyl chloride	ND		0.50	0.26	ug/L			01/12/22 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 123*		*01/12/22 20:48*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*01/12/22 20:48*	*1*
Dibromofluoromethane (Surr)	*101*		*78 - 120*		*01/12/22 20:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*01/12/22 20:48*	*1*

Client Sample ID: SB-6-10-220111

Date Collected: 01/11/22 07:56
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-2

Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.056	mg/Kg		01/12/22 13:15	01/12/22 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*42 - 126*	*01/12/22 13:15*	*01/12/22 21:41*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		4.9	3.8	mg/Kg		01/13/22 17:57	01/13/22 21:28	1
C23-C40	6.1		4.9	3.8	mg/Kg		01/13/22 17:57	01/13/22 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*71*		*60 - 138*	*01/13/22 17:57*	*01/13/22 21:28*	*1*

Client Sample ID: SB-6-10-220111

Date Collected: 01/11/22 07:56
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-2

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.4	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Arsenic	**1.7**	**J**	3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Barium	**49**		3.0	2.7	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Beryllium	**0.20**	**J**	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Chromium	**7.0**		1.0	0.70	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Cobalt	**4.1**		1.0	0.55	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Copper	**7.7**		2.0	0.88	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Lead	**3.3**		2.0	0.64	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Molybdenum	**0.73**	**J**	2.0	0.61	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Nickel	**4.7**		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Silver	ND		1.5	0.57	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Thallium	ND		10	5.8	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Vanadium	**16**		1.0	0.67	mg/Kg		01/13/22 07:59	01/18/22 10:45	5
Zinc	**24**		5.0	4.0	mg/Kg		01/13/22 07:59	01/18/22 10:45	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.16**		0.083	0.014	mg/Kg		01/18/22 17:30	01/21/22 17:26	1

Client Sample ID: SB-3-5-220111

Date Collected: 01/11/22 09:30
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-3

Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.056	mg/Kg		01/12/22 13:15	01/12/22 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*01/12/22 13:15*	*01/12/22 22:10*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		4.9	3.8	mg/Kg		01/13/22 17:57	01/13/22 21:49	1
C23-C40	**16**		4.9	3.8	mg/Kg		01/13/22 17:57	01/13/22 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*60 - 138*	*01/13/22 17:57*	*01/13/22 21:49*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.3	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Arsenic	**2.9**	**J**	3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Barium	**66**		3.0	2.6	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Beryllium	**0.18**	**J**	0.49	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Cadmium	ND		0.49	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Chromium	**13**		0.99	0.68	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Cobalt	**4.3**		0.99	0.54	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Copper	**13**		2.0	0.87	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Lead	**15**		2.0	0.63	mg/Kg		01/13/22 07:59	01/18/22 10:48	5

Client Sample ID: SB-3-5-220111

Lab Sample ID: 440-294064-3

Date Collected: 01/11/22 09:30
Matrix: Solid
Date Received: 01/11/22 16:20

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**1.6**	**J**	2.0	0.60	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Nickel	**7.1**		2.0	0.45	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Selenium	ND		3.0	1.0	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Silver	ND		1.5	0.56	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Thallium	ND		9.9	5.7	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Vanadium	**24**		0.99	0.66	mg/Kg		01/13/22 07:59	01/18/22 10:48	5
Zinc	**33**		4.9	3.9	mg/Kg		01/13/22 07:59	01/18/22 10:48	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.033**	**J**	0.083	0.014	mg/Kg		01/18/22 17:30	01/21/22 17:28	1

Client Sample ID: SB-3-10-220111

Lab Sample ID: 440-294064-4

Date Collected: 01/11/22 09:34
Matrix: Solid
Date Received: 01/11/22 16:20

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.055	mg/Kg		01/12/22 13:15	01/12/22 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*01/12/22 13:15*	*01/12/22 22:39*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	3.8	mg/Kg		01/13/22 17:57	01/13/22 22:10	1
C23-C40	**4.9**	**J**	5.0	3.8	mg/Kg		01/13/22 17:57	01/13/22 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*60 - 138*	*01/13/22 17:57*	*01/13/22 22:10*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.4	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Arsenic	**3.2**		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Barium	**100**		3.0	2.6	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Beryllium	**0.26**	**J**	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Chromium	**8.8**		1.0	0.69	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Cobalt	**5.4**		1.0	0.54	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Copper	**16**		2.0	0.88	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Lead	**2.9**		2.0	0.64	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Molybdenum	ND		2.0	0.61	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Nickel	**6.4**		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Silver	ND		1.5	0.57	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Thallium	ND		10	5.8	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Vanadium	**27**		1.0	0.67	mg/Kg		01/13/22 07:59	01/18/22 10:50	5
Zinc	**34**		5.0	3.9	mg/Kg		01/13/22 07:59	01/18/22 10:50	5

Client Sample ID: SB-3-10-220111

Lab Sample ID: 440-294064-4

Date Collected: 01/11/22 09:34
Matrix: Solid
Date Received: 01/11/22 16:20

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.043**	**J**	0.079	0.013	mg/Kg		01/18/22 17:30	01/21/22 17:30	1

Client Sample ID: SB-9-5-220111

Lab Sample ID: 440-294064-5

Date Collected: 01/11/22 11:30
Matrix: Solid
Date Received: 01/11/22 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.94	0.27	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,1,1-Trichloroethane	ND		0.94	0.22	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.51	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,1,2-Trichloroethane	ND		0.94	0.44	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,1-Dichloroethane	ND		0.94	0.26	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,1-Dichloroethene	ND		0.94	0.25	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,1-Dichloropropene	ND		1.9	0.36	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,2,3-Trichlorobenzene	ND		1.9	0.94	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,2,3-Trichloropropane	ND		1.9	0.39	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,2,4-Trichlorobenzene	ND		1.9	0.39	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,2,4-Trimethylbenzene	ND		1.9	0.56	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,2-Dibromo-3-Chloropropane	ND		9.4	6.4	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,2-Dibromoethane	ND		0.94	0.19	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,2-Dichlorobenzene	ND		0.94	0.24	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,2-Dichloroethane	ND		0.94	0.26	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,2-Dichloropropane	ND		0.94	0.26	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,3,5-Trimethylbenzene	ND		1.9	0.25	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,3-Dichlorobenzene	ND		0.94	0.24	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,3-Dichloropropane	ND		0.94	0.28	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
1,4-Dichlorobenzene	ND		0.94	0.29	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
2,2-Dichloropropane	ND		4.7	0.26	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
2-Chlorotoluene	ND		0.94	0.24	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
4-Chlorotoluene	ND		0.94	0.23	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Benzene	**0.39**	**J**	0.94	0.24	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Bromobenzene	ND		0.94	0.20	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Bromochloromethane	ND		1.9	0.42	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Bromodichloromethane	ND		0.94	0.31	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Bromoform	ND		4.7	1.2	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Bromomethane	ND		19	6.2	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Carbon tetrachloride	ND		0.94	0.28	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Chlorobenzene	ND		0.94	0.25	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Chloroethane	ND		1.9	0.70	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Chloroform	ND		0.94	0.55	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Chloromethane	ND		19	1.4	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
cis-1,2-Dichloroethene	ND		0.94	0.32	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
cis-1,3-Dichloropropene	ND		0.94	0.33	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Dibromochloromethane	ND		1.9	0.26	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Dibromomethane	ND		0.94	0.29	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Dichlorodifluoromethane	ND		1.9	0.43	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Di-isopropyl ether (DIPE)	ND		0.94	0.47	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Ethylbenzene	ND		0.94	0.19	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.94	0.22	ug/Kg		01/12/22 12:06	01/13/22 12:56	1

Client Sample ID: SB-9-5-220111

Date Collected: 01/11/22 11:30
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-5

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	ND		4.7	1.6	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Isopropylbenzene	ND		0.94	0.26	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
m,p-Xylene	ND		1.9	0.45	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Methylene Chloride	ND		9.4	2.9	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.18	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Naphthalene	ND		9.4	4.9	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
n-Butylbenzene	ND		0.94	0.20	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
N-Propylbenzene	ND		1.9	0.24	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
o-Xylene	ND		0.94	0.24	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
p-Isopropyltoluene	ND		0.94	0.27	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
sec-Butylbenzene	ND		0.94	0.26	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Styrene	ND		0.94	0.30	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Tert-amyl-methyl ether (TAME)	ND		0.94	0.18	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
tert-Butyl alcohol (TBA)	**9.9**	**J**	19	6.6	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
tert-Butylbenzene	ND		0.94	0.24	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Tetrachloroethene	ND		0.94	0.21	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Toluene	**0.29**	**J**	0.94	0.25	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
trans-1,2-Dichloroethene	ND		0.94	0.28	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
trans-1,3-Dichloropropene	ND		1.9	0.26	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Trichloroethene	ND		1.9	0.36	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Trichlorofluoromethane	ND		9.4	0.26	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Vinyl chloride	ND		0.94	0.36	ug/Kg		01/12/22 12:06	01/13/22 12:56	1
Xylenes, Total	ND		1.9	0.56	ug/Kg		01/12/22 12:06	01/13/22 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 142*	*01/12/22 12:06*	*01/13/22 12:56*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*01/12/22 12:06*	*01/13/22 12:56*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 123*	*01/12/22 12:06*	*01/13/22 12:56*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*01/12/22 12:06*	*01/13/22 12:56*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.092	0.051	mg/Kg		01/12/22 12:06	01/14/22 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*01/12/22 12:06*	*01/14/22 13:51*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		4.8	3.7	mg/Kg		01/13/22 17:57	01/13/22 22:31	1
C23-C40	**52**		4.8	3.7	mg/Kg		01/13/22 17:57	01/13/22 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*60 - 138*	*01/13/22 17:57*	*01/13/22 22:31*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.3	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Arsenic	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Barium	**55**		3.0	2.6	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Beryllium	**0.12**	**J**	0.49	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:52	5

Client Sample ID: SB-9-5-220111

Lab Sample ID: 440-294064-5

Date Collected: 01/11/22 11:30
Matrix: Solid
Date Received: 01/11/22 16:20

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.49	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Chromium	**6.9**		0.99	0.68	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Cobalt	**2.7**		0.99	0.54	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Copper	**18**		2.0	0.87	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Lead	**7.0**		2.0	0.63	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Molybdenum	**0.64**	**J**	2.0	0.60	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Nickel	**4.0**		2.0	0.45	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Selenium	ND		3.0	1.0	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Silver	ND		1.5	0.56	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Thallium	ND		9.9	5.7	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Vanadium	**14**		0.99	0.66	mg/Kg		01/13/22 07:59	01/18/22 10:52	5
Zinc	**21**		4.9	3.9	mg/Kg		01/13/22 07:59	01/18/22 10:52	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.046**	**J**	0.081	0.013	mg/Kg		01/18/22 17:30	01/21/22 17:31	1

Client Sample ID: SB-9-10-220111

Lab Sample ID: 440-294064-6

Date Collected: 01/11/22 11:34
Matrix: Solid
Date Received: 01/11/22 16:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.7	0.49	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,1,1-Trichloroethane	ND		1.7	0.39	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,1,2,2-Tetrachloroethane	ND		3.4	0.92	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,1,2-Trichloroethane	ND		1.7	0.78	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,1-Dichloroethane	ND		1.7	0.47	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,1-Dichloroethene	ND		1.7	0.45	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,1-Dichloropropene	ND		3.4	0.65	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,2,3-Trichlorobenzene	ND		3.4	1.7	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,2,3-Trichloropropane	ND		3.4	0.71	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,2,4-Trichlorobenzene	ND		3.4	0.69	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,2,4-Trimethylbenzene	ND		3.4	1.0	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,2-Dibromo-3-Chloropropane	ND		17	11	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,2-Dibromoethane	ND		1.7	0.35	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,2-Dichlorobenzene	ND		1.7	0.42	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,2-Dichloroethane	ND		1.7	0.46	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,2-Dichloropropane	ND		1.7	0.46	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,3,5-Trimethylbenzene	ND		3.4	0.45	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,3-Dichlorobenzene	ND		1.7	0.42	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,3-Dichloropropane	ND		1.7	0.50	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
1,4-Dichlorobenzene	ND		1.7	0.52	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
2,2-Dichloropropane	ND		8.4	0.46	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
2-Chlorotoluene	ND		1.7	0.42	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
4-Chlorotoluene	ND		1.7	0.41	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Benzene	ND		1.7	0.43	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Bromobenzene	ND		1.7	0.35	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Bromochloromethane	ND		3.4	0.75	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Bromodichloromethane	ND		1.7	0.55	ug/Kg		01/12/22 12:06	01/13/22 13:19	1

Client Sample ID: SB-9-10-220111

Date Collected: 01/11/22 11:34
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-6

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		8.4	2.2	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Bromomethane	ND		34	11	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Carbon tetrachloride	ND		1.7	0.50	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Chlorobenzene	ND		1.7	0.45	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Chloroethane	ND		3.4	1.3	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Chloroform	ND		1.7	0.99	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Chloromethane	ND		34	2.6	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
cis-1,2-Dichloroethene	ND		1.7	0.57	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
cis-1,3-Dichloropropene	ND		1.7	0.59	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Dibromochloromethane	ND		3.4	0.46	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Dibromomethane	ND		1.7	0.51	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Dichlorodifluoromethane	ND		3.4	0.76	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Di-isopropyl ether (DIPE)	ND		1.7	0.84	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Ethylbenzene	ND		1.7	0.35	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Ethyl-t-butyl ether (ETBE)	ND		1.7	0.40	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Hexachloro-1,3-butadiene	ND		8.4	2.8	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Isopropylbenzene	ND		1.7	0.46	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
m,p-Xylene	ND		3.4	0.80	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Methylene Chloride	ND		17	5.3	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Methyl-t-Butyl Ether (MTBE)	ND		3.4	0.32	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Naphthalene	ND		17	8.8	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
n-Butylbenzene	ND		1.7	0.35	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
N-Propylbenzene	ND		3.4	0.44	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
o-Xylene	ND		1.7	0.43	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
p-Isopropyltoluene	ND		1.7	0.47	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
sec-Butylbenzene	ND		1.7	0.46	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Styrene	ND		1.7	0.53	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Tert-amyl-methyl ether (TAME)	ND		1.7	0.33	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
tert-Butyl alcohol (TBA)	**34**		34	12	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
tert-Butylbenzene	ND		1.7	0.43	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Tetrachloroethene	ND		1.7	0.38	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Toluene	ND		1.7	0.45	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
trans-1,2-Dichloroethene	ND		1.7	0.51	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
trans-1,3-Dichloropropene	ND		3.4	0.47	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Trichloroethene	ND		3.4	0.65	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Trichlorofluoromethane	ND		17	0.46	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Vinyl chloride	ND		1.7	0.64	ug/Kg		01/12/22 12:06	01/13/22 13:19	1
Xylenes, Total	ND		3.4	1.0	ug/Kg		01/12/22 12:06	01/13/22 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 142*	*01/12/22 12:06*	*01/13/22 13:19*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*01/12/22 12:06*	*01/13/22 13:19*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 123*	*01/12/22 12:06*	*01/13/22 13:19*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*01/12/22 12:06*	*01/13/22 13:19*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.097	0.054	mg/Kg		01/12/22 12:06	01/14/22 14:15	1

Client Sample ID: SB-9-10-220111

Date Collected: 01/11/22 11:34
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-6

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*01/12/22 12:06*	*01/14/22 14:15*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	3.8	mg/Kg		01/13/22 17:57	01/13/22 22:53	1
C23-C40	**36**		5.0	3.8	mg/Kg		01/13/22 17:57	01/13/22 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*60 - 138*	*01/13/22 17:57*	*01/13/22 22:53*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.3	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Arsenic	**2.6**	**J**	3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Barium	**140**		3.0	2.6	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Beryllium	**0.18**	**J**	0.49	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Cadmium	ND		0.49	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Chromium	**4.3**		0.99	0.68	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Cobalt	**3.9**		0.99	0.54	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Copper	**23**		2.0	0.87	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Lead	**5.8**		2.0	0.63	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Molybdenum	ND		2.0	0.60	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Nickel	**3.1**		2.0	0.45	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Selenium	ND		3.0	1.0	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Silver	ND		1.5	0.56	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Thallium	ND		9.9	5.7	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Vanadium	**22**		0.99	0.66	mg/Kg		01/13/22 07:59	01/18/22 10:55	5
Zinc	**52**		4.9	3.9	mg/Kg		01/13/22 07:59	01/18/22 10:55	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.024**	**J**	0.082	0.013	mg/Kg		01/18/22 17:30	01/21/22 17:33	1

Client Sample ID: SB-8-5-220111

Date Collected: 01/11/22 12:20
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-7

Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.056	mg/Kg		01/12/22 13:15	01/12/22 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*01/12/22 13:15*	*01/12/22 23:08*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.1	3.9	mg/Kg		01/13/22 17:57	01/13/22 23:13	1
C23-C40	**6.7**		5.1	3.9	mg/Kg		01/13/22 17:57	01/13/22 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*60 - 138*	*01/13/22 17:57*	*01/13/22 23:13*	*1*

Client Sample ID: SB-8-5-220111

Date Collected: 01/11/22 12:20
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-7
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.4	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Arsenic	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Barium	**54**		3.0	2.7	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Beryllium	**0.19**	**J**	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Chromium	**9.3**		1.0	0.70	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Cobalt	**3.9**		1.0	0.55	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Copper	**7.6**		2.0	0.88	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Lead	**3.1**		2.0	0.64	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Molybdenum	**0.86**	**J**	2.0	0.61	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Nickel	**4.8**		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Silver	ND		1.5	0.57	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Thallium	ND		10	5.8	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Vanadium	**20**		1.0	0.67	mg/Kg		01/13/22 07:59	01/18/22 10:57	5
Zinc	**24**		5.0	4.0	mg/Kg		01/13/22 07:59	01/18/22 10:57	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.041**	**J**	0.083	0.014	mg/Kg		01/18/22 17:44	01/20/22 12:36	1

Client Sample ID: SB-8-10-220111

Date Collected: 01/11/22 12:22
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-8
Matrix: Solid

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.055	mg/Kg		01/12/22 13:15	01/12/22 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*01/12/22 13:15*	*01/12/22 23:38*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		4.8	3.7	mg/Kg		01/13/22 17:57	01/13/22 23:34	1
C23-C40	**3.7**	**J**	4.8	3.7	mg/Kg		01/13/22 17:57	01/13/22 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*85*		*60 - 138*	*01/13/22 17:57*	*01/13/22 23:34*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.4	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Arsenic	**1.8**	**J**	3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Barium	**62**		3.0	2.6	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Beryllium	**0.16**	**J**	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Chromium	**5.1**		0.99	0.69	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Cobalt	**3.1**		0.99	0.54	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Copper	**8.8**		2.0	0.87	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Lead	**3.0**		2.0	0.64	mg/Kg		01/13/22 07:59	01/18/22 11:00	5

Client Sample ID: SB-8-10-220111

Lab Sample ID: 440-294064-8
Matrix: Solid
Date Collected: 01/11/22 12:22
Date Received: 01/11/22 16:20

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		2.0	0.61	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Nickel	**3.0**		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Silver	ND		1.5	0.56	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Thallium	ND		9.9	5.8	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Vanadium	**19**		0.99	0.67	mg/Kg		01/13/22 07:59	01/18/22 11:00	5
Zinc	**28**		5.0	3.9	mg/Kg		01/13/22 07:59	01/18/22 11:00	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.081	0.013	mg/Kg		01/18/22 17:44	01/20/22 12:30	1

Client Sample ID: SB-10-5-220111

Lab Sample ID: 440-294064-9
Matrix: Solid
Date Collected: 01/11/22 13:50
Date Received: 01/11/22 16:20

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.055	mg/Kg		01/12/22 13:15	01/13/22 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*01/12/22 13:15*	*01/13/22 00:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	3.9	mg/Kg		01/13/22 17:57	01/13/22 23:56	1
C23-C40	**4.1**	**J**	5.0	3.9	mg/Kg		01/13/22 17:57	01/13/22 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*60 - 138*	*01/13/22 17:57*	*01/13/22 23:56*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.4	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Arsenic	**1.8**	**J**	3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Barium	**93**		3.0	2.6	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Beryllium	**0.20**	**J**	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Chromium	**8.8**		0.99	0.69	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Cobalt	**4.4**		0.99	0.54	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Copper	**11**		2.0	0.87	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Lead	**2.3**		2.0	0.64	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Molybdenum	ND		2.0	0.61	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Nickel	**5.5**		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Silver	ND		1.5	0.56	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Thallium	ND		9.9	5.8	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Vanadium	**21**		0.99	0.67	mg/Kg		01/13/22 07:59	01/18/22 11:08	5
Zinc	**25**		5.0	3.9	mg/Kg		01/13/22 07:59	01/18/22 11:08	5

Client Sample ID: SB-10-5-220111

Lab Sample ID: 440-294064-9

Date Collected: 01/11/22 13:50
Matrix: Solid
Date Received: 01/11/22 16:20

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.081	0.013	mg/Kg		01/18/22 17:44	01/20/22 12:37	1

Client Sample ID: SB-10-10-220111

Lab Sample ID: 440-294064-10

Date Collected: 01/11/22 13:52
Matrix: Solid
Date Received: 01/11/22 16:20

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.055	mg/Kg		01/12/22 13:15	01/13/22 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*01/12/22 13:15*	*01/13/22 00:36*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.2	4.0	mg/Kg		01/13/22 17:57	01/14/22 00:17	1
C23-C40	**4.6**	**J**	5.2	4.0	mg/Kg		01/13/22 17:57	01/14/22 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*01/13/22 17:57*	*01/14/22 00:17*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.4	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Arsenic	**1.7**	**J**	3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Barium	**93**		3.0	2.7	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Beryllium	**0.20**	**J**	0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Chromium	**6.8**		1.0	0.70	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Cobalt	**4.7**		1.0	0.55	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Copper	**9.4**		2.0	0.88	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Lead	**3.9**		2.0	0.64	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Molybdenum	**0.95**	**J**	2.0	0.61	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Nickel	**4.5**		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Silver	ND		1.5	0.57	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Thallium	ND		10	5.8	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Vanadium	**24**		1.0	0.67	mg/Kg		01/13/22 07:59	01/18/22 11:10	5
Zinc	**35**		5.0	4.0	mg/Kg		01/13/22 07:59	01/18/22 11:10	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.029**	**J**	0.079	0.013	mg/Kg		01/18/22 17:44	01/20/22 12:39	1

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-142)	(80-120)	(80-123)	(80-120)
440-294064-5	SB-9-5-220111	107	96	101	98
440-294064-6	SB-9-10-220111	102	97	99	100
LCS 570-207186/3	Lab Control Sample	87	94	95	98
LCSD 570-207186/4	Lab Control Sample Dup	87	94	95	97
MB 570-207186/7	Method Blank	98	94	99	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
440-294064-1	TB-220111	92	100	101	101
LCS 570-206969/1014	Lab Control Sample	97	96	99	100
LCSD 570-206969/15	Lab Control Sample Dup	102	97	101	99
MB 570-206969/18	Method Blank	92	100	98	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
440-294064-2	SB-6-10-220111	77
440-294064-3	SB-3-5-220111	76
440-294064-4	SB-3-10-220111	74
440-294064-5	SB-9-5-220111	76
440-294064-6	SB-9-10-220111	80
440-294064-7	SB-8-5-220111	71
440-294064-8	SB-8-10-220111	73
440-294064-9	SB-10-5-220111	71
440-294064-10	SB-10-10-220111	74
570-81212-A-1-I MS	Matrix Spike	100
570-81212-A-1-J MSD	Matrix Spike Duplicate	93
LCS 570-206932/1-A	Lab Control Sample	102
LCS 570-207463/3	Lab Control Sample	81
LCSD 570-206932/2-A	Lab Control Sample Dup	103
LCSD 570-207463/4	Lab Control Sample Dup	104
MB 570-206932/3-A	Method Blank	80

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	**Client Sample ID**	**BFB1 (42-126)**
MB 570-207463/5	Method Blank	86

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	**Client Sample ID**	**OTCSN1 (60-138)**
440-294064-2	SB-6-10-220111	71
440-294064-3	SB-3-5-220111	94
440-294064-4	SB-3-10-220111	100
440-294064-5	SB-9-5-220111	93
440-294064-6	SB-9-10-220111	92
440-294064-6 MS	SB-9-10-220111	90
440-294064-6 MSD	SB-9-10-220111	94
440-294064-7	SB-8-5-220111	94
440-294064-8	SB-8-10-220111	85
440-294064-9	SB-10-5-220111	87
440-294064-10	SB-10-10-220111	90
LCS 570-207368/2-A	Lab Control Sample	91
LCSD 570-207368/3-A	Lab Control Sample Dup	92
MB 570-207368/1-A	Method Blank	93

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
6010B	Metals (ICP)	SW846	IRV 2
7471A	Mercury (CVAA)	SW846	ECL 1
3050B	Preparation, Metals	SW846	IRV 2
3550C	Ultrasonic Extraction	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
5035	Closed System Purge and Trap	SW846	ECL 2
7471A	Preparation, Mercury	SW846	ECL 4

Protocol References:

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

Laboratory References:

ECL 1 = Eurofins Calscience Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (949)261-1022

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Client Sample ID: TB-220111
Date Collected: 01/11/22 07:00
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	206969	01/12/22 20:48	UX77	ECL 2

Client Sample ID: SB-6-10-220111
Date Collected: 01/11/22 07:56
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 21:41	U1MC	ECL 2
Total/NA	Prep	3550C			10.21 g	10 mL	207368	01/13/22 17:57	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207317	01/13/22 21:28	A1W	ECL 1
Total/NA	Prep	3050B			2.00 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:45	VZ0K	IRV 2
Total/NA	Prep	7471A			0.60 g	100 mL	208152	01/18/22 17:30	UWCT	ECL 4
Total/NA	Analysis	7471A		1			208793	01/21/22 17:26	VWJ7	ECL 1

Client Sample ID: SB-3-5-220111
Date Collected: 01/11/22 09:30
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.99 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 22:10	U1MC	ECL 2
Total/NA	Prep	3550C			10.14 g	10 mL	207368	01/13/22 17:57	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207317	01/13/22 21:49	A1W	ECL 1
Total/NA	Prep	3050B			2.03 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:48	VZ0K	IRV 2
Total/NA	Prep	7471A			0.60 g	100 mL	208152	01/18/22 17:30	UWCT	ECL 4
Total/NA	Analysis	7471A		1			208793	01/21/22 17:28	VWJ7	ECL 1

Client Sample ID: SB-3-10-220111
Date Collected: 01/11/22 09:34
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 22:39	U1MC	ECL 2
Total/NA	Prep	3550C			10.06 g	10 mL	207368	01/13/22 17:57	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207317	01/13/22 22:10	A1W	ECL 1
Total/NA	Prep	3050B			2.01 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:50	VZ0K	IRV 2
Total/NA	Prep	7471A			0.63 g	100 mL	208152	01/18/22 17:30	UWCT	ECL 4
Total/NA	Analysis	7471A		1			208793	01/21/22 17:30	VWJ7	ECL 1

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Client Sample ID: SB-9-5-220111

Lab Sample ID: 440-294064-5

Date Collected: 01/11/22 11:30
Matrix: Solid
Date Received: 01/11/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.316 g	5 g	207027	01/12/22 12:06	YZL3	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	207186	01/13/22 12:56	OH1	ECL 2
Total/NA	Prep	5035			5.433 g	5 g	207027	01/12/22 12:06	YZL3	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	207463	01/14/22 13:51	A9VE	ECL 2
Total/NA	Prep	3550C			10.43 g	10 mL	207368	01/13/22 17:57	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207317	01/13/22 22:31	A1W	ECL 1
Total/NA	Prep	3050B			2.03 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:52	VZ0K	IRV 2
Total/NA	Prep	7471A			0.62 g	100 mL	208152	01/18/22 17:30	UWCT	ECL 4
Total/NA	Analysis	7471A		1			208793	01/21/22 17:31	VWJ7	ECL 1

Client Sample ID: SB-9-10-220111

Lab Sample ID: 440-294064-6

Date Collected: 01/11/22 11:34
Matrix: Solid
Date Received: 01/11/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.97 g	5 g	207027	01/12/22 12:06	YZL3	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	207186	01/13/22 13:19	OH1	ECL 2
Total/NA	Prep	5035			5.153 g	5 g	207027	01/12/22 12:06	YZL3	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	207463	01/14/22 14:15	A9VE	ECL 2
Total/NA	Prep	3550C			10.03 g	10 mL	207368	01/13/22 17:57	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207317	01/13/22 22:53	A1W	ECL 1
Total/NA	Prep	3050B			2.03 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:55	VZ0K	IRV 2
Total/NA	Prep	7471A			0.61 g	100 mL	208152	01/18/22 17:30	UWCT	ECL 4
Total/NA	Analysis	7471A		1			208793	01/21/22 17:33	VWJ7	ECL 1

Client Sample ID: SB-8-5-220111

Lab Sample ID: 440-294064-7

Date Collected: 01/11/22 12:20
Matrix: Solid
Date Received: 01/11/22 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 23:08	U1MC	ECL 2
Total/NA	Prep	3550C			9.75 g	10 mL	207368	01/13/22 17:57	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207317	01/13/22 23:13	A1W	ECL 1
Total/NA	Prep	3050B			2.00 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 10:57	VZ0K	IRV 2
Total/NA	Prep	7471A			0.60 g	100 mL	208158	01/18/22 17:44	UWCT	ECL 4
Total/NA	Analysis	7471A		1			208530	01/20/22 12:36	VWJ7	ECL 1

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Client Sample ID: SB-8-10-220111

Date Collected: 01/11/22 12:22
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/12/22 23:38	U1MC	ECL 2
Total/NA	Prep	3550C			10.46 g	10 mL	207368	01/13/22 17:57	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207317	01/13/22 23:34	A1W	ECL 1
Total/NA	Prep	3050B			2.02 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 11:00	VZ0K	IRV 2
Total/NA	Prep	7471A			0.62 g	100 mL	208158	01/18/22 17:44	UWCT	ECL 4
Total/NA	Analysis	7471A		1			208530	01/20/22 12:30	VWJ7	ECL 1

Client Sample ID: SB-10-5-220111

Date Collected: 01/11/22 13:50
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/13/22 00:07	U1MC	ECL 2
Total/NA	Prep	3550C			9.92 g	10 mL	207368	01/13/22 17:57	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207317	01/13/22 23:56	A1W	ECL 1
Total/NA	Prep	3050B			2.02 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 11:08	VZ0K	IRV 2
Total/NA	Prep	7471A			0.62 g	100 mL	208158	01/18/22 17:44	UWCT	ECL 4
Total/NA	Analysis	7471A		1			208530	01/20/22 12:37	VWJ7	ECL 1

Client Sample ID: SB-10-10-220111

Date Collected: 01/11/22 13:52
Date Received: 01/11/22 16:20

Lab Sample ID: 440-294064-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	206932	01/12/22 13:15	U1MC	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	206921	01/13/22 00:36	U1MC	ECL 2
Total/NA	Prep	3550C			9.59 g	10 mL	207368	01/13/22 17:57	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			207317	01/14/22 00:17	A1W	ECL 1
Total/NA	Prep	3050B			2.00 g	50 mL	664214	01/13/22 07:59	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			664719	01/18/22 11:10	VZ0K	IRV 2
Total/NA	Prep	7471A			0.63 g	100 mL	208158	01/18/22 17:44	UWCT	ECL 4
Total/NA	Analysis	7471A		1			208530	01/20/22 12:39	VWJ7	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494
ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494
IRV 2 = Eurofins Calscience Tustin Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (949)261-1022

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-206969/18
Matrix: Water
Analysis Batch: 206969

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.33	ug/L			01/12/22 18:07	1
1,1,1-Trichloroethane	ND		1.0	0.32	ug/L			01/12/22 18:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.20	ug/L			01/12/22 18:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.58	ug/L			01/12/22 18:07	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			01/12/22 18:07	1
1,1-Dichloroethane	ND		1.0	0.37	ug/L			01/12/22 18:07	1
1,1-Dichloroethene	ND		1.0	0.33	ug/L			01/12/22 18:07	1
1,1-Dichloropropene	ND		1.0	0.45	ug/L			01/12/22 18:07	1
1,2,3-Trichlorobenzene	ND		1.0	0.54	ug/L			01/12/22 18:07	1
1,2,3-Trichloropropane	ND		5.0	0.27	ug/L			01/12/22 18:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.56	ug/L			01/12/22 18:07	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			01/12/22 18:07	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/L			01/12/22 18:07	1
1,2-Dibromoethane	ND		1.0	0.38	ug/L			01/12/22 18:07	1
1,2-Dichlorobenzene	ND		1.0	0.28	ug/L			01/12/22 18:07	1
1,2-Dichloroethane	ND		0.50	0.22	ug/L			01/12/22 18:07	1
1,2-Dichloropropane	ND		1.0	0.39	ug/L			01/12/22 18:07	1
1,3,5-Trimethylbenzene	ND		1.0	0.34	ug/L			01/12/22 18:07	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			01/12/22 18:07	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			01/12/22 18:07	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			01/12/22 18:07	1
2,2-Dichloropropane	ND		1.0	0.55	ug/L			01/12/22 18:07	1
2-Butanone	ND		20	3.6	ug/L			01/12/22 18:07	1
2-Chlorotoluene	ND		1.0	0.27	ug/L			01/12/22 18:07	1
2-Hexanone	ND		10	3.1	ug/L			01/12/22 18:07	1
4-Chlorotoluene	ND		1.0	0.32	ug/L			01/12/22 18:07	1
4-Methyl-2-pentanone	ND		10	2.9	ug/L			01/12/22 18:07	1
Acetone	ND		20	10	ug/L			01/12/22 18:07	1
Benzene	ND		0.50	0.20	ug/L			01/12/22 18:07	1
Bromobenzene	ND		1.0	0.30	ug/L			01/12/22 18:07	1
Bromochloromethane	ND		2.0	0.30	ug/L			01/12/22 18:07	1
Bromodichloromethane	ND		1.0	0.28	ug/L			01/12/22 18:07	1
Bromoform	ND		5.0	1.5	ug/L			01/12/22 18:07	1
Bromomethane	ND		25	15	ug/L			01/12/22 18:07	1
Carbon disulfide	ND		10	0.40	ug/L			01/12/22 18:07	1
Carbon tetrachloride	ND		0.50	0.34	ug/L			01/12/22 18:07	1
Chlorobenzene	ND		1.0	0.21	ug/L			01/12/22 18:07	1
Chloroethane	ND		5.0	2.4	ug/L			01/12/22 18:07	1
Chloroform	ND		1.0	0.50	ug/L			01/12/22 18:07	1
Chloromethane	ND		10	2.3	ug/L			01/12/22 18:07	1
cis-1,2-Dichloroethene	ND		1.0	0.51	ug/L			01/12/22 18:07	1
cis-1,3-Dichloropropene	ND		0.50	0.23	ug/L			01/12/22 18:07	1
Dibromochloromethane	ND		2.0	0.34	ug/L			01/12/22 18:07	1
Dibromomethane	ND		1.0	0.38	ug/L			01/12/22 18:07	1
Dichlorodifluoromethane	ND		5.0	0.56	ug/L			01/12/22 18:07	1
Di-isopropyl ether (DIPE)	ND		2.0	0.36	ug/L			01/12/22 18:07	1
Ethanol	ND		100	60	ug/L			01/12/22 18:07	1
Ethylbenzene	ND		1.0	0.33	ug/L			01/12/22 18:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-206969/18
Matrix: Water
Analysis Batch: 206969

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.49	ug/L			01/12/22 18:07	1
Hexachloro-1,3-butadiene	ND		20	1.3	ug/L			01/12/22 18:07	1
Isopropylbenzene	ND		1.0	0.37	ug/L			01/12/22 18:07	1
m,p-Xylene	ND		2.0	0.48	ug/L			01/12/22 18:07	1
Methylene Chloride	ND		10	4.0	ug/L			01/12/22 18:07	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.34	ug/L			01/12/22 18:07	1
Naphthalene	ND		10	5.0	ug/L			01/12/22 18:07	1
n-Butylbenzene	ND		1.0	0.52	ug/L			01/12/22 18:07	1
N-Propylbenzene	ND		1.0	0.41	ug/L			01/12/22 18:07	1
o-Xylene	ND		1.0	0.26	ug/L			01/12/22 18:07	1
p-Isopropyltoluene	ND		1.0	0.38	ug/L			01/12/22 18:07	1
sec-Butylbenzene	ND		1.0	0.29	ug/L			01/12/22 18:07	1
Styrene	ND		1.0	0.38	ug/L			01/12/22 18:07	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.56	ug/L			01/12/22 18:07	1
tert-Butyl alcohol (TBA)	ND		10	3.9	ug/L			01/12/22 18:07	1
tert-Butylbenzene	ND		1.0	0.36	ug/L			01/12/22 18:07	1
Tetrachloroethene	ND		1.0	0.35	ug/L			01/12/22 18:07	1
Toluene	ND		1.0	0.34	ug/L			01/12/22 18:07	1
trans-1,2-Dichloroethene	ND		1.0	0.31	ug/L			01/12/22 18:07	1
trans-1,3-Dichloropropene	ND		0.50	0.30	ug/L			01/12/22 18:07	1
Trichloroethene	ND		1.0	0.35	ug/L			01/12/22 18:07	1
Trichlorofluoromethane	ND		10	0.36	ug/L			01/12/22 18:07	1
Vinyl acetate	ND		10	4.6	ug/L			01/12/22 18:07	1
Vinyl chloride	ND		0.50	0.26	ug/L			01/12/22 18:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 123*		*01/12/22 18:07*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*01/12/22 18:07*	*1*
Dibromofluoromethane (Surr)	*98*		*78 - 120*		*01/12/22 18:07*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/12/22 18:07*	*1*

Lab Sample ID: LCS 570-206969/1014
Matrix: Water
Analysis Batch: 206969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.6		ug/L		97	80 - 128
1,1,1-Trichloroethane	50.0	47.2		ug/L		94	76 - 122
1,1,2,2-Tetrachloroethane	50.0	49.9		ug/L		100	79 - 120
1,1,2-Trichloroethane	50.0	47.1		ug/L		94	80 - 120
1,1-Dichloroethane	50.0	47.8		ug/L		96	72 - 120
1,1-Dichloroethene	50.0	48.4		ug/L		97	64 - 121
1,1-Dichloropropene	50.0	45.8		ug/L		92	77 - 120
1,2,3-Trichlorobenzene	50.0	53.5		ug/L		107	78 - 136
1,2,3-Trichloropropane	50.0	52.7		ug/L		105	74 - 120
1,2,4-Trichlorobenzene	50.0	52.9		ug/L		106	73 - 138
1,2,4-Trimethylbenzene	50.0	47.7		ug/L		95	80 - 121
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/L		95	74 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-206969/1014
Matrix: Water
Analysis Batch: 206969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	50.0	48.6		ug/L		97	80 - 120
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	80 - 120
1,2-Dichloroethane	50.0	49.9		ug/L		100	76 - 120
1,2-Dichloropropane	50.0	48.3		ug/L		97	73 - 122
1,3,5-Trimethylbenzene	50.0	46.4		ug/L		93	80 - 122
1,3-Dichlorobenzene	50.0	49.8		ug/L		100	80 - 120
1,3-Dichloropropane	50.0	47.2		ug/L		94	80 - 120
1,4-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 120
2,2-Dichloropropane	50.0	47.4		ug/L		95	60 - 150
2-Chlorotoluene	50.0	46.9		ug/L		94	79 - 120
4-Chlorotoluene	50.0	47.3		ug/L		95	80 - 120
Benzene	50.0	46.2		ug/L		92	76 - 120
Bromobenzene	50.0	50.1		ug/L		100	80 - 125
Bromochloromethane	50.0	49.8		ug/L		100	79 - 120
Bromodichloromethane	50.0	48.7		ug/L		97	80 - 123
Bromoform	50.0	52.8		ug/L		106	80 - 128
Bromomethane	50.0	59.3		ug/L		119	64 - 150
Carbon tetrachloride	50.0	46.7		ug/L		93	80 - 127
Chlorobenzene	50.0	50.1		ug/L		100	80 - 120
Chloroethane	50.0	45.7		ug/L		91	67 - 128
Chloroform	50.0	47.3		ug/L		95	80 - 120
Chloromethane	50.0	44.1		ug/L		88	69 - 132
cis-1,2-Dichloroethene	50.0	48.4		ug/L		97	80 - 120
cis-1,3-Dichloropropene	50.0	46.4		ug/L		93	75 - 133
Dibromochloromethane	50.0	51.7		ug/L		103	79 - 130
Dibromomethane	50.0	49.6		ug/L		99	80 - 120
Dichlorodifluoromethane	50.0	54.0		ug/L		108	60 - 138
Di-isopropyl ether (DIPE)	50.0	45.7		ug/L		91	62 - 125
Ethanol	500	479		ug/L		96	50 - 120
Ethylbenzene	50.0	46.6		ug/L		93	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	49.0		ug/L		98	55 - 132
Hexachloro-1,3-butadiene	50.0	49.0		ug/L		98	61 - 150
Isopropylbenzene	50.0	47.3		ug/L		95	80 - 123
m,p-Xylene	100	92.2		ug/L		92	74 - 122
Methylene Chloride	50.0	47.4		ug/L		95	62 - 133
Methyl-t-Butyl Ether (MTBE)	50.0	47.9		ug/L		96	64 - 120
Naphthalene	50.0	48.8		ug/L		98	80 - 120
n-Butylbenzene	50.0	46.7		ug/L		93	76 - 128
N-Propylbenzene	50.0	46.4		ug/L		93	80 - 122
o-Xylene	50.0	47.5		ug/L		95	80 - 121
p-Isopropyltoluene	50.0	48.8		ug/L		98	78 - 125
sec-Butylbenzene	50.0	47.3		ug/L		95	78 - 125
Styrene	50.0	47.2		ug/L		94	80 - 124
Tert-amyl-methyl ether (TAME)	50.0	47.9		ug/L		96	66 - 133
tert-Butyl alcohol (TBA)	250	249		ug/L		100	71 - 120
tert-Butylbenzene	50.0	49.3		ug/L		99	76 - 132
Tetrachloroethene	50.0	48.6		ug/L		97	72 - 135
Toluene	50.0	48.1		ug/L		96	76 - 120
trans-1,2-Dichloroethene	50.0	47.1		ug/L		94	73 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-206969/1014
Matrix: Water
Analysis Batch: 206969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	50.0	48.2		ug/L		96	80 - 132
Trichloroethene	50.0	48.6		ug/L		97	80 - 122
Trichlorofluoromethane	50.0	53.4		ug/L		107	69 - 139
Vinyl chloride	50.0	46.0		ug/L		92	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 123*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-206969/15
Matrix: Water
Analysis Batch: 206969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	50.8		ug/L		102	80 - 128	4	20
1,1,1-Trichloroethane	50.0	51.1		ug/L		102	76 - 122	8	20
1,1,2,2-Tetrachloroethane	50.0	49.9		ug/L		100	79 - 120	0	20
1,1,2-Trichloroethane	50.0	49.3		ug/L		99	80 - 120	5	20
1,1-Dichloroethane	50.0	53.1		ug/L		106	72 - 120	11	20
1,1-Dichloroethene	50.0	54.7		ug/L		109	64 - 121	12	20
1,1-Dichloropropene	50.0	51.2		ug/L		102	77 - 120	11	20
1,2,3-Trichlorobenzene	50.0	50.0		ug/L		100	78 - 136	7	20
1,2,3-Trichloropropane	50.0	51.0		ug/L		102	74 - 120	3	20
1,2,4-Trichlorobenzene	50.0	51.5		ug/L		103	73 - 138	3	20
1,2,4-Trimethylbenzene	50.0	50.5		ug/L		101	80 - 121	6	20
1,2-Dibromo-3-Chloropropane	50.0	43.8		ug/L		88	74 - 120	8	20
1,2-Dibromoethane	50.0	50.7		ug/L		101	80 - 120	4	20
1,2-Dichlorobenzene	50.0	51.7		ug/L		103	80 - 120	2	20
1,2-Dichloroethane	50.0	51.7		ug/L		103	76 - 120	4	20
1,2-Dichloropropane	50.0	50.9		ug/L		102	73 - 122	5	20
1,3,5-Trimethylbenzene	50.0	48.7		ug/L		97	80 - 122	5	20
1,3-Dichlorobenzene	50.0	51.6		ug/L		103	80 - 120	4	20
1,3-Dichloropropane	50.0	49.7		ug/L		99	80 - 120	5	20
1,4-Dichlorobenzene	50.0	51.9		ug/L		104	80 - 120	5	20
2,2-Dichloropropane	50.0	50.8		ug/L		102	60 - 150	7	20
2-Chlorotoluene	50.0	49.0		ug/L		98	79 - 120	4	20
4-Chlorotoluene	50.0	50.6		ug/L		101	80 - 120	7	20
Benzene	50.0	48.4		ug/L		97	76 - 120	4	20
Bromobenzene	50.0	51.2		ug/L		102	80 - 125	2	20
Bromochloromethane	50.0	52.1		ug/L		104	79 - 120	4	20
Bromodichloromethane	50.0	50.8		ug/L		102	80 - 123	4	20
Bromoform	50.0	53.0		ug/L		106	80 - 128	0	20
Bromomethane	50.0	66.4		ug/L		133	64 - 150	11	20
Carbon tetrachloride	50.0	49.9		ug/L		100	80 - 127	7	20
Chlorobenzene	50.0	52.2		ug/L		104	80 - 120	4	20
Chloroethane	50.0	53.2		ug/L		106	67 - 128	15	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-206969/15
Matrix: Water
Analysis Batch: 206969

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	50.0	51.9		ug/L		104	80 - 120	9	20
Chloromethane	50.0	51.7		ug/L		103	69 - 132	16	20
cis-1,2-Dichloroethene	50.0	51.5		ug/L		103	80 - 120	6	20
cis-1,3-Dichloropropene	50.0	48.2		ug/L		96	75 - 133	4	20
Dibromochloromethane	50.0	52.8		ug/L		106	79 - 130	2	20
Dibromomethane	50.0	50.0		ug/L		100	80 - 120	1	20
Dichlorodifluoromethane	50.0	62.7		ug/L		125	60 - 138	15	21
Di-isopropyl ether (DIPE)	50.0	50.6		ug/L		101	62 - 125	10	20
Ethanol	500	529		ug/L		106	50 - 120	10	25
Ethylbenzene	50.0	49.6		ug/L		99	80 - 120	6	20
Ethyl-t-butyl ether (ETBE)	50.0	53.6		ug/L		107	55 - 132	9	20
Hexachloro-1,3-butadiene	50.0	50.4		ug/L		101	61 - 150	3	20
Isopropylbenzene	50.0	49.8		ug/L		100	80 - 123	5	20
m,p-Xylene	100	97.5		ug/L		98	74 - 122	6	20
Methylene Chloride	50.0	51.6		ug/L		103	62 - 133	9	20
Methyl-t-Butyl Ether (MTBE)	50.0	51.6		ug/L		103	64 - 120	7	20
Naphthalene	50.0	45.5		ug/L		91	80 - 120	7	20
n-Butylbenzene	50.0	49.7		ug/L		99	76 - 128	6	20
N-Propylbenzene	50.0	49.2		ug/L		98	80 - 122	6	20
o-Xylene	50.0	49.7		ug/L		99	80 - 121	5	20
p-Isopropyltoluene	50.0	51.5		ug/L		103	78 - 125	5	20
sec-Butylbenzene	50.0	50.7		ug/L		101	78 - 125	7	20
Styrene	50.0	49.3		ug/L		99	80 - 124	4	20
Tert-amyl-methyl ether (TAME)	50.0	49.8		ug/L		100	66 - 133	4	20
tert-Butyl alcohol (TBA)	250	267		ug/L		107	71 - 120	7	20
tert-Butylbenzene	50.0	52.5		ug/L		105	76 - 132	6	20
Tetrachloroethene	50.0	50.8		ug/L		102	72 - 135	4	20
Toluene	50.0	50.2		ug/L		100	76 - 120	4	20
trans-1,2-Dichloroethene	50.0	50.6		ug/L		101	73 - 120	7	20
trans-1,3-Dichloropropene	50.0	51.0		ug/L		102	80 - 132	6	20
Trichloroethene	50.0	51.0		ug/L		102	80 - 122	5	20
Trichlorofluoromethane	50.0	59.2		ug/L		118	69 - 139	10	20
Vinyl chloride	50.0	54.2		ug/L		108	70 - 124	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 570-207186/7
Matrix: Solid
Analysis Batch: 207186

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.29	ug/Kg			01/13/22 10:19	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			01/13/22 10:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.54	ug/Kg			01/13/22 10:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-207186/7
Matrix: Solid
Analysis Batch: 207186

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.46	ug/Kg			01/13/22 10:19	1
1,1-Dichloroethane	ND		1.0	0.28	ug/Kg			01/13/22 10:19	1
1,1-Dichloroethene	ND		1.0	0.27	ug/Kg			01/13/22 10:19	1
1,1-Dichloropropene	ND		2.0	0.39	ug/Kg			01/13/22 10:19	1
1,2,3-Trichlorobenzene	ND		2.0	1.0	ug/Kg			01/13/22 10:19	1
1,2,3-Trichloropropane	ND		2.0	0.42	ug/Kg			01/13/22 10:19	1
1,2,4-Trichlorobenzene	ND		2.0	0.41	ug/Kg			01/13/22 10:19	1
1,2,4-Trimethylbenzene	ND		2.0	0.60	ug/Kg			01/13/22 10:19	1
1,2-Dibromo-3-Chloropropane	ND		10	6.8	ug/Kg			01/13/22 10:19	1
1,2-Dibromoethane	ND		1.0	0.21	ug/Kg			01/13/22 10:19	1
1,2-Dichlorobenzene	ND		1.0	0.25	ug/Kg			01/13/22 10:19	1
1,2-Dichloroethane	ND		1.0	0.28	ug/Kg			01/13/22 10:19	1
1,2-Dichloropropane	ND		1.0	0.28	ug/Kg			01/13/22 10:19	1
1,3,5-Trimethylbenzene	ND		2.0	0.27	ug/Kg			01/13/22 10:19	1
1,3-Dichlorobenzene	ND		1.0	0.25	ug/Kg			01/13/22 10:19	1
1,3-Dichloropropane	ND		1.0	0.30	ug/Kg			01/13/22 10:19	1
1,4-Dichlorobenzene	ND		1.0	0.31	ug/Kg			01/13/22 10:19	1
2,2-Dichloropropane	ND		5.0	0.27	ug/Kg			01/13/22 10:19	1
2-Chlorotoluene	ND		1.0	0.25	ug/Kg			01/13/22 10:19	1
4-Chlorotoluene	ND		1.0	0.24	ug/Kg			01/13/22 10:19	1
Benzene	ND		1.0	0.26	ug/Kg			01/13/22 10:19	1
Bromobenzene	ND		1.0	0.21	ug/Kg			01/13/22 10:19	1
Bromochloromethane	ND		2.0	0.44	ug/Kg			01/13/22 10:19	1
Bromodichloromethane	ND		1.0	0.33	ug/Kg			01/13/22 10:19	1
Bromoform	ND		5.0	1.3	ug/Kg			01/13/22 10:19	1
Bromomethane	ND		20	6.6	ug/Kg			01/13/22 10:19	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg			01/13/22 10:19	1
Chlorobenzene	ND		1.0	0.27	ug/Kg			01/13/22 10:19	1
Chloroethane	ND		2.0	0.74	ug/Kg			01/13/22 10:19	1
Chloroform	ND		1.0	0.59	ug/Kg			01/13/22 10:19	1
Chloromethane	ND		20	1.5	ug/Kg			01/13/22 10:19	1
cis-1,2-Dichloroethene	ND		1.0	0.34	ug/Kg			01/13/22 10:19	1
cis-1,3-Dichloropropene	ND		1.0	0.35	ug/Kg			01/13/22 10:19	1
Dibromochloromethane	ND		2.0	0.27	ug/Kg			01/13/22 10:19	1
Dibromomethane	ND		1.0	0.31	ug/Kg			01/13/22 10:19	1
Dichlorodifluoromethane	ND		2.0	0.45	ug/Kg			01/13/22 10:19	1
Di-isopropyl ether (DIPE)	ND		1.0	0.50	ug/Kg			01/13/22 10:19	1
Ethylbenzene	ND		1.0	0.21	ug/Kg			01/13/22 10:19	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.24	ug/Kg			01/13/22 10:19	1
Hexachloro-1,3-butadiene	ND		5.0	1.7	ug/Kg			01/13/22 10:19	1
Isopropylbenzene	ND		1.0	0.28	ug/Kg			01/13/22 10:19	1
m,p-Xylene	ND		2.0	0.47	ug/Kg			01/13/22 10:19	1
Methylene Chloride	ND		10	3.1	ug/Kg			01/13/22 10:19	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.19	ug/Kg			01/13/22 10:19	1
Naphthalene	ND		10	5.2	ug/Kg			01/13/22 10:19	1
n-Butylbenzene	ND		1.0	0.21	ug/Kg			01/13/22 10:19	1
N-Propylbenzene	ND		2.0	0.26	ug/Kg			01/13/22 10:19	1
o-Xylene	ND		1.0	0.26	ug/Kg			01/13/22 10:19	1
p-Isopropyltoluene	ND		1.0	0.28	ug/Kg			01/13/22 10:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-207186/7
Matrix: Solid
Analysis Batch: 207186

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0	0.27	ug/Kg			01/13/22 10:19	1
Styrene	ND		1.0	0.32	ug/Kg			01/13/22 10:19	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.19	ug/Kg			01/13/22 10:19	1
tert-Butyl alcohol (TBA)	ND		20	7.0	ug/Kg			01/13/22 10:19	1
tert-Butylbenzene	ND		1.0	0.25	ug/Kg			01/13/22 10:19	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg			01/13/22 10:19	1
Toluene	ND		1.0	0.27	ug/Kg			01/13/22 10:19	1
Xylenes, Total	ND		2.0	0.60	ug/Kg			01/13/22 10:19	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/Kg			01/13/22 10:19	1
trans-1,3-Dichloropropene	ND		2.0	0.28	ug/Kg			01/13/22 10:19	1
Trichloroethene	ND		2.0	0.39	ug/Kg			01/13/22 10:19	1
Trichlorofluoromethane	ND		10	0.27	ug/Kg			01/13/22 10:19	1
Vinyl chloride	ND		1.0	0.38	ug/Kg			01/13/22 10:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 142*		*01/13/22 10:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*01/13/22 10:19*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 123*		*01/13/22 10:19*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*01/13/22 10:19*	*1*

Lab Sample ID: LCS 570-207186/3
Matrix: Solid
Analysis Batch: 207186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	44.8		ug/Kg		90	80 - 122
1,1,1-Trichloroethane	50.0	43.1		ug/Kg		86	73 - 122
1,1,2,2-Tetrachloroethane	50.0	42.8		ug/Kg		86	80 - 120
1,1,2-Trichloroethane	50.0	42.2		ug/Kg		84	80 - 120
1,1-Dichloroethane	50.0	44.3		ug/Kg		89	71 - 120
1,1-Dichloroethene	50.0	43.5		ug/Kg		87	67 - 122
1,1-Dichloropropene	50.0	44.2		ug/Kg		88	74 - 125
1,2,3-Trichlorobenzene	50.0	52.5		ug/Kg		105	80 - 126
1,2,3-Trichloropropane	50.0	42.0		ug/Kg		84	74 - 122
1,2,4-Trichlorobenzene	50.0	53.7		ug/Kg		107	80 - 135
1,2,4-Trimethylbenzene	50.0	46.6		ug/Kg		93	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	37.9		ug/Kg		76	70 - 120
1,2-Dibromoethane	50.0	48.8		ug/Kg		98	80 - 123
1,2-Dichlorobenzene	50.0	50.7		ug/Kg		101	80 - 120
1,2-Dichloroethane	50.0	45.8		ug/Kg		92	80 - 125
1,2-Dichloropropane	50.0	45.6		ug/Kg		91	80 - 121
1,3,5-Trimethylbenzene	50.0	47.5		ug/Kg		95	80 - 120
1,3-Dichlorobenzene	50.0	50.7		ug/Kg		101	80 - 120
1,3-Dichloropropane	50.0	45.6		ug/Kg		91	80 - 120
1,4-Dichlorobenzene	50.0	50.1		ug/Kg		100	80 - 120
2,2-Dichloropropane	50.0	42.2		ug/Kg		84	67 - 131
2-Chlorotoluene	50.0	45.6		ug/Kg		91	80 - 120
4-Chlorotoluene	50.0	44.2		ug/Kg		88	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-207186/3
Matrix: Solid
Analysis Batch: 207186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	46.0		ug/Kg		92	79 - 120
Bromobenzene	50.0	51.3		ug/Kg		103	80 - 122
Bromochloromethane	50.0	51.5		ug/Kg		103	80 - 120
Bromodichloromethane	50.0	44.5		ug/Kg		89	80 - 126
Bromoform	50.0	39.7		ug/Kg		79	71 - 128
Bromomethane	50.0	47.5		ug/Kg		95	45 - 136
Carbon tetrachloride	50.0	40.5		ug/Kg		81	69 - 132
Chlorobenzene	50.0	49.7		ug/Kg		99	80 - 120
Chloroethane	50.0	41.3		ug/Kg		83	63 - 132
Chloroform	50.0	44.5		ug/Kg		89	78 - 121
Chloromethane	50.0	38.4		ug/Kg		77	46 - 130
cis-1,2-Dichloroethene	50.0	46.0		ug/Kg		92	80 - 120
cis-1,3-Dichloropropene	50.0	44.9		ug/Kg		90	80 - 120
Dibromochloromethane	50.0	44.4		ug/Kg		89	77 - 125
Dibromomethane	50.0	48.2		ug/Kg		96	80 - 123
Dichlorodifluoromethane	50.0	44.5		ug/Kg		89	59 - 127
Di-isopropyl ether (DIPE)	50.0	38.8		ug/Kg		78	62 - 128
Ethylbenzene	50.0	44.8		ug/Kg		90	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	44.4		ug/Kg		89	66 - 123
Hexachloro-1,3-butadiene	50.0	49.1		ug/Kg		98	80 - 130
Isopropylbenzene	50.0	47.5		ug/Kg		95	80 - 120
m,p-Xylene	100	89.9		ug/Kg		90	79 - 120
Methylene Chloride	50.0	46.0		ug/Kg		92	74 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	44.8		ug/Kg		90	68 - 120
Naphthalene	50.0	48.6		ug/Kg		97	78 - 121
n-Butylbenzene	50.0	44.6		ug/Kg		89	79 - 125
N-Propylbenzene	50.0	46.5		ug/Kg		93	80 - 120
o-Xylene	50.0	44.8		ug/Kg		90	79 - 120
p-Isopropyltoluene	50.0	48.3		ug/Kg		97	80 - 121
sec-Butylbenzene	50.0	47.1		ug/Kg		94	80 - 120
Styrene	50.0	46.9		ug/Kg		94	80 - 120
Tert-amyl-methyl ether (TAME)	50.0	44.7		ug/Kg		89	76 - 123
tert-Butyl alcohol (TBA)	250	237		ug/Kg		95	74 - 127
tert-Butylbenzene	50.0	50.2		ug/Kg		100	80 - 120
Tetrachloroethene	50.0	50.5		ug/Kg		101	80 - 123
Toluene	50.0	46.3		ug/Kg		93	80 - 120
trans-1,2-Dichloroethene	50.0	45.1		ug/Kg		90	72 - 120
trans-1,3-Dichloropropene	50.0	45.3		ug/Kg		91	80 - 126
Trichloroethene	50.0	48.5		ug/Kg		97	80 - 121
Trichlorofluoromethane	50.0	49.3		ug/Kg		99	72 - 135
Vinyl chloride	50.0	51.2		ug/Kg		102	66 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*80 - 142*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-207186/4
Matrix: Solid
Analysis Batch: 207186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	46.1		ug/Kg		92	80 - 122	3	20
1,1,1-Trichloroethane	50.0	42.5		ug/Kg		85	73 - 122	1	20
1,1,2,2-Tetrachloroethane	50.0	43.4		ug/Kg		87	80 - 120	1	20
1,1,2-Trichloroethane	50.0	42.4		ug/Kg		85	80 - 120	1	20
1,1-Dichloroethane	50.0	41.9		ug/Kg		84	71 - 120	6	20
1,1-Dichloroethene	50.0	42.9		ug/Kg		86	67 - 122	1	20
1,1-Dichloropropene	50.0	44.1		ug/Kg		88	74 - 125	0	20
1,2,3-Trichlorobenzene	50.0	54.4		ug/Kg		109	80 - 126	4	20
1,2,3-Trichloropropane	50.0	43.1		ug/Kg		86	74 - 122	3	20
1,2,4-Trichlorobenzene	50.0	53.5		ug/Kg		107	80 - 135	0	20
1,2,4-Trimethylbenzene	50.0	46.7		ug/Kg		93	80 - 120	0	20
1,2-Dibromo-3-Chloropropane	50.0	40.3		ug/Kg		81	70 - 120	6	20
1,2-Dibromoethane	50.0	49.0		ug/Kg		98	80 - 123	0	20
1,2-Dichlorobenzene	50.0	51.8		ug/Kg		104	80 - 120	2	20
1,2-Dichloroethane	50.0	45.3		ug/Kg		91	80 - 125	1	20
1,2-Dichloropropane	50.0	46.1		ug/Kg		92	80 - 121	1	20
1,3,5-Trimethylbenzene	50.0	46.5		ug/Kg		93	80 - 120	2	20
1,3-Dichlorobenzene	50.0	50.8		ug/Kg		102	80 - 120	0	20
1,3-Dichloropropane	50.0	45.9		ug/Kg		92	80 - 120	1	20
1,4-Dichlorobenzene	50.0	50.5		ug/Kg		101	80 - 120	1	20
2,2-Dichloropropane	50.0	42.3		ug/Kg		85	67 - 131	0	20
2-Chlorotoluene	50.0	45.5		ug/Kg		91	80 - 120	0	20
4-Chlorotoluene	50.0	44.3		ug/Kg		89	80 - 120	0	20
Benzene	50.0	46.0		ug/Kg		92	79 - 120	0	20
Bromobenzene	50.0	50.7		ug/Kg		101	80 - 122	1	20
Bromochloromethane	50.0	51.9		ug/Kg		104	80 - 120	1	20
Bromodichloromethane	50.0	44.4		ug/Kg		89	80 - 126	0	20
Bromoform	50.0	40.9		ug/Kg		82	71 - 128	3	20
Bromomethane	50.0	48.9		ug/Kg		98	45 - 136	3	20
Carbon tetrachloride	50.0	40.4		ug/Kg		81	69 - 132	0	20
Chlorobenzene	50.0	49.1		ug/Kg		98	80 - 120	1	20
Chloroethane	50.0	42.5		ug/Kg		85	63 - 132	3	20
Chloroform	50.0	44.5		ug/Kg		89	78 - 121	0	20
Chloromethane	50.0	39.9		ug/Kg		80	46 - 130	4	20
cis-1,2-Dichloroethene	50.0	46.3		ug/Kg		93	80 - 120	1	20
cis-1,3-Dichloropropene	50.0	45.5		ug/Kg		91	80 - 120	1	20
Dibromochloromethane	50.0	45.9		ug/Kg		92	77 - 125	3	20
Dibromomethane	50.0	48.8		ug/Kg		98	80 - 123	1	20
Dichlorodifluoromethane	50.0	45.2		ug/Kg		90	59 - 127	2	20
Di-isopropyl ether (DIPE)	50.0	38.5		ug/Kg		77	62 - 128	1	20
Ethylbenzene	50.0	45.2		ug/Kg		90	80 - 120	1	20
Ethyl-t-butyl ether (ETBE)	50.0	45.5		ug/Kg		91	66 - 123	2	20
Hexachloro-1,3-butadiene	50.0	49.1		ug/Kg		98	80 - 130	0	20
Isopropylbenzene	50.0	46.8		ug/Kg		94	80 - 120	1	20
m,p-Xylene	100	89.8		ug/Kg		90	79 - 120	0	20
Methylene Chloride	50.0	46.6		ug/Kg		93	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	50.0	46.3		ug/Kg		93	68 - 120	3	20
Naphthalene	50.0	50.0		ug/Kg		100	78 - 121	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-207186/4
Matrix: Solid
Analysis Batch: 207186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
n-Butylbenzene	50.0	44.3		ug/Kg		89	79 - 125	1	20
N-Propylbenzene	50.0	46.1		ug/Kg		92	80 - 120	1	20
o-Xylene	50.0	44.4		ug/Kg		89	79 - 120	1	20
p-Isopropyltoluene	50.0	48.1		ug/Kg		96	80 - 121	0	20
sec-Butylbenzene	50.0	46.9		ug/Kg		94	80 - 120	0	20
Styrene	50.0	46.1		ug/Kg		92	80 - 120	2	20
Tert-amyl-methyl ether (TAME)	50.0	45.3		ug/Kg		91	76 - 123	1	20
tert-Butyl alcohol (TBA)	250	246		ug/Kg		99	74 - 127	4	20
tert-Butylbenzene	50.0	50.5		ug/Kg		101	80 - 120	1	20
Tetrachloroethene	50.0	50.0		ug/Kg		100	80 - 123	1	20
Toluene	50.0	46.6		ug/Kg		93	80 - 120	1	20
trans-1,2-Dichloroethene	50.0	44.6		ug/Kg		89	72 - 120	1	20
trans-1,3-Dichloropropene	50.0	46.1		ug/Kg		92	80 - 126	2	20
Trichloroethene	50.0	47.5		ug/Kg		95	80 - 121	2	20
Trichlorofluoromethane	50.0	49.4		ug/Kg		99	72 - 135	0	20
Vinyl chloride	50.0	52.0		ug/Kg		104	66 - 128	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*80 - 142*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 123*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-206932/3-A
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 206932

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.055	mg/Kg		01/12/22 08:38	01/12/22 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*01/12/22 08:38*	*01/12/22 11:51*	*1*

Lab Sample ID: LCS 570-206932/1-A
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 206932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (C4-C13)	1.97	1.78		mg/Kg		90	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-206932/2-A
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 206932

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.97	1.81		mg/Kg		92	70 - 124	2	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*42 - 126*

Lab Sample ID: 570-81212-A-1-I MS
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 206932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (C4-C13)	ND		1.96	1.46		mg/Kg		75	48 - 114

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*42 - 126*

Lab Sample ID: 570-81212-A-1-J MSD
Matrix: Solid
Analysis Batch: 206921

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 206932

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	ND		1.97	1.45		mg/Kg		73	48 - 114	1	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*

Lab Sample ID: MB 570-207463/5
Matrix: Solid
Analysis Batch: 207463

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.056	mg/Kg			01/14/22 13:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*42 - 126*		*01/14/22 13:04*	*1*

Lab Sample ID: LCS 570-207463/3
Matrix: Solid
Analysis Batch: 207463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (C4-C13)			1.97	1.98		mg/Kg		100	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*81*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: LCSD 570-207463/4
Matrix: Solid
Analysis Batch: 207463

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.97	2.00		mg/Kg		101	70 - 124	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-207368/1-A
Matrix: Solid
Analysis Batch: 207317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207368

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	3.8	mg/Kg		01/13/22 17:57	01/13/22 19:22	1
C23-C40	ND		5.0	3.8	mg/Kg		01/13/22 17:57	01/13/22 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*60 - 138*	*01/13/22 17:57*	*01/13/22 19:22*	*1*

Lab Sample ID: LCS 570-207368/2-A
Matrix: Solid
Analysis Batch: 207317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207368

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]			400	393		mg/Kg		98	80 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*60 - 138*

Lab Sample ID: LCSD 570-207368/3-A
Matrix: Solid
Analysis Batch: 207317

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 207368

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	414		mg/Kg		104	80 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*60 - 138*

Lab Sample ID: 440-294064-6 MS
Matrix: Solid
Analysis Batch: 207317

Client Sample ID: SB-9-10-220111
Prep Type: Total/NA
Prep Batch: 207368

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	7.8		394	389		mg/Kg		97	43 - 165

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 440-294064-6 MS
Matrix: Solid
Analysis Batch: 207317

Client Sample ID: SB-9-10-220111
Prep Type: Total/NA
Prep Batch: 207368

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	*90*		*60 - 138*

Lab Sample ID: 440-294064-6 MSD
Matrix: Solid
Analysis Batch: 207317

Client Sample ID: SB-9-10-220111
Prep Type: Total/NA
Prep Batch: 207368

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	7.8		377	386		mg/Kg		100	43 - 165	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	*94*		*60 - 138*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-664214/1-A ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 664214

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	4.4	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Arsenic	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Barium	ND		3.0	2.7	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Beryllium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Cadmium	ND		0.50	0.11	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Chromium	ND		1.0	0.70	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Cobalt	ND		1.0	0.55	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Copper	ND		2.0	0.89	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Lead	ND		2.0	0.65	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Molybdenum	ND		2.0	0.62	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Nickel	ND		2.0	0.46	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Selenium	ND		3.0	1.1	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Silver	ND		1.5	0.57	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Thallium	ND		10	5.9	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Vanadium	ND		1.0	0.68	mg/Kg		01/13/22 07:59	01/18/22 09:45	5
Zinc	ND		5.0	4.0	mg/Kg		01/13/22 07:59	01/18/22 09:45	5

Lab Sample ID: LCS 440-664214/2-A ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 664214

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.5	43.8		mg/Kg		87	80 - 120
Arsenic	50.5	45.5		mg/Kg		90	80 - 120
Barium	50.5	46.6		mg/Kg		92	80 - 120
Beryllium	50.5	46.4		mg/Kg		92	80 - 120
Cadmium	50.5	46.0		mg/Kg		91	80 - 120
Chromium	50.5	46.8		mg/Kg		93	80 - 120
Cobalt	50.5	46.9		mg/Kg		93	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 440-664214/2-A ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 664214

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	50.5	46.4		mg/Kg		92	80 - 120
Lead	50.5	46.2		mg/Kg		91	80 - 120
Molybdenum	50.5	44.6		mg/Kg		88	80 - 120
Nickel	50.5	46.8		mg/Kg		93	80 - 120
Selenium	50.5	44.9		mg/Kg		89	80 - 120
Silver	25.3	23.1		mg/Kg		91	80 - 120
Thallium	50.5	44.9		mg/Kg		89	80 - 120
Vanadium	50.5	46.8		mg/Kg		93	80 - 120
Zinc	50.5	45.2		mg/Kg		90	80 - 120

Lab Sample ID: 570-80001-A-2-F MS ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 664214

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1	50.8	13.5	F1	mg/Kg		27	75 - 125
Arsenic	3.8		50.8	47.2		mg/Kg		85	75 - 125
Barium	98		50.8	151		mg/Kg		105	75 - 125
Beryllium	0.17	J	50.8	44.9		mg/Kg		88	75 - 125
Cadmium	0.85		50.8	44.1		mg/Kg		85	75 - 125
Chromium	23		50.8	67.6		mg/Kg		88	75 - 125
Cobalt	4.2		50.8	48.2		mg/Kg		87	75 - 125
Copper	54		50.8	96.9		mg/Kg		85	75 - 125
Lead	1700		50.8	1780	4	mg/Kg		139	75 - 125
Molybdenum	2.8		50.8	44.1		mg/Kg		81	75 - 125
Nickel	12		50.8	56.0		mg/Kg		87	75 - 125
Selenium	ND		50.8	41.4		mg/Kg		82	75 - 125
Silver	ND		25.4	22.3		mg/Kg		88	75 - 125
Thallium	ND		50.8	41.0		mg/Kg		81	75 - 125
Vanadium	32		50.8	80.1		mg/Kg		95	75 - 125
Zinc	310		50.8	347	4	mg/Kg		66	75 - 125

Lab Sample ID: 570-80001-A-2-G MSD ^5
Matrix: Solid
Analysis Batch: 664719

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 664214

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1	49.5	13.4	F1	mg/Kg		27	75 - 125	0	20
Arsenic	3.8		49.5	43.6		mg/Kg		80	75 - 125	8	20
Barium	98		49.5	146		mg/Kg		97	75 - 125	3	20
Beryllium	0.17	J	49.5	43.4		mg/Kg		87	75 - 125	3	20
Cadmium	0.85		49.5	42.5		mg/Kg		84	75 - 125	4	20
Chromium	23		49.5	65.4		mg/Kg		86	75 - 125	3	20
Cobalt	4.2		49.5	46.8		mg/Kg		86	75 - 125	3	20
Copper	54		49.5	93.8		mg/Kg		81	75 - 125	3	20
Lead	1700		49.5	1720	4	mg/Kg		17	75 - 125	4	20
Molybdenum	2.8		49.5	42.5		mg/Kg		80	75 - 125	4	20
Nickel	12		49.5	54.0		mg/Kg		85	75 - 125	4	20
Selenium	ND		49.5	39.6		mg/Kg		80	75 - 125	5	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-80001-A-2-G MSD ^5 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 664719 — **Prep Batch: 664214**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		24.8	21.5		mg/Kg		87	75 - 125	3	20
Thallium	ND		49.5	40.3		mg/Kg		82	75 - 125	2	20
Vanadium	32		49.5	77.3		mg/Kg		92	75 - 125	4	20
Zinc	310		49.5	333	4	mg/Kg		41	75 - 125	4	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-208152/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 208386 — **Prep Batch: 208152**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.082	0.013	mg/Kg		01/18/22 17:29	01/19/22 18:38	1

Lab Sample ID: LCS 570-208152/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 208386 — **Prep Batch: 208152**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.863		mg/Kg		104	85 - 121

Lab Sample ID: LCSD 570-208152/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 208386 — **Prep Batch: 208152**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.893		mg/Kg		107	85 - 121	3	10

Lab Sample ID: 440-293891-A-27-D MS ^100 — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 208386 — **Prep Batch: 208152**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	20		0.833	22.6	4	mg/Kg		261	71 - 137

Lab Sample ID: 440-293891-A-27-E MSD ^100 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 208386 — **Prep Batch: 208152**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	20		0.806	21.3	4	mg/Kg		98	71 - 137	6	14

Lab Sample ID: MB 570-208158/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 208530 — **Prep Batch: 208158**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.082	0.013	mg/Kg		01/18/22 17:44	01/20/22 12:24	1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 570-208158/2-A
Matrix: Solid
Analysis Batch: 208530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 208158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.879		mg/Kg		106	85 - 121

Lab Sample ID: LCSD 570-208158/3-A
Matrix: Solid
Analysis Batch: 208530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 208158

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.881		mg/Kg		106	85 - 121	0	10

Lab Sample ID: 440-294064-8 MS
Matrix: Solid
Analysis Batch: 208530

Client Sample ID: SB-8-10-220111
Prep Type: Total/NA
Prep Batch: 208158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.806	0.802		mg/Kg		99	71 - 137

Lab Sample ID: 440-294064-8 MSD
Matrix: Solid
Analysis Batch: 208530

Client Sample ID: SB-8-10-220111
Prep Type: Total/NA
Prep Batch: 208158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.820	0.833		mg/Kg		102	71 - 137	4	14

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

GC/MS VOA

Analysis Batch: 206969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-1	TB-220111	Total/NA	Water	8260B	
MB 570-206969/18	Method Blank	Total/NA	Water	8260B	
LCS 570-206969/1014	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-206969/15	Lab Control Sample Dup	Total/NA	Water	8260B	

Prep Batch: 207027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-5	SB-9-5-220111	Total/NA	Solid	5035	
440-294064-6	SB-9-10-220111	Total/NA	Solid	5035	

Analysis Batch: 207186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-5	SB-9-5-220111	Total/NA	Solid	8260B	207027
440-294064-6	SB-9-10-220111	Total/NA	Solid	8260B	207027
MB 570-207186/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-207186/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-207186/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC VOA

Analysis Batch: 206921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-2	SB-6-10-220111	Total/NA	Solid	8015B	206932
440-294064-3	SB-3-5-220111	Total/NA	Solid	8015B	206932
440-294064-4	SB-3-10-220111	Total/NA	Solid	8015B	206932
440-294064-7	SB-8-5-220111	Total/NA	Solid	8015B	206932
440-294064-8	SB-8-10-220111	Total/NA	Solid	8015B	206932
440-294064-9	SB-10-5-220111	Total/NA	Solid	8015B	206932
440-294064-10	SB-10-10-220111	Total/NA	Solid	8015B	206932
MB 570-206932/3-A	Method Blank	Total/NA	Solid	8015B	206932
LCS 570-206932/1-A	Lab Control Sample	Total/NA	Solid	8015B	206932
LCSD 570-206932/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B	206932
570-81212-A-1-I MS	Matrix Spike	Total/NA	Solid	8015B	206932
570-81212-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	206932

Prep Batch: 206932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-2	SB-6-10-220111	Total/NA	Solid	5030C	
440-294064-3	SB-3-5-220111	Total/NA	Solid	5030C	
440-294064-4	SB-3-10-220111	Total/NA	Solid	5030C	
440-294064-7	SB-8-5-220111	Total/NA	Solid	5030C	
440-294064-8	SB-8-10-220111	Total/NA	Solid	5030C	
440-294064-9	SB-10-5-220111	Total/NA	Solid	5030C	
440-294064-10	SB-10-10-220111	Total/NA	Solid	5030C	
MB 570-206932/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-206932/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-206932/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-81212-A-1-I MS	Matrix Spike	Total/NA	Solid	5030C	
570-81212-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5030C	

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

GC VOA

Prep Batch: 207027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-5	SB-9-5-220111	Total/NA	Solid	5035	
440-294064-6	SB-9-10-220111	Total/NA	Solid	5035	

Analysis Batch: 207463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-5	SB-9-5-220111	Total/NA	Solid	8015B	207027
440-294064-6	SB-9-10-220111	Total/NA	Solid	8015B	207027
MB 570-207463/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-207463/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-207463/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Analysis Batch: 207317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-2	SB-6-10-220111	Total/NA	Solid	8015B	207368
440-294064-3	SB-3-5-220111	Total/NA	Solid	8015B	207368
440-294064-4	SB-3-10-220111	Total/NA	Solid	8015B	207368
440-294064-5	SB-9-5-220111	Total/NA	Solid	8015B	207368
440-294064-6	SB-9-10-220111	Total/NA	Solid	8015B	207368
440-294064-7	SB-8-5-220111	Total/NA	Solid	8015B	207368
440-294064-8	SB-8-10-220111	Total/NA	Solid	8015B	207368
440-294064-9	SB-10-5-220111	Total/NA	Solid	8015B	207368
440-294064-10	SB-10-10-220111	Total/NA	Solid	8015B	207368
MB 570-207368/1-A	Method Blank	Total/NA	Solid	8015B	207368
LCS 570-207368/2-A	Lab Control Sample	Total/NA	Solid	8015B	207368
LCSD 570-207368/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	207368
440-294064-6 MS	SB-9-10-220111	Total/NA	Solid	8015B	207368
440-294064-6 MSD	SB-9-10-220111	Total/NA	Solid	8015B	207368

Prep Batch: 207368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-2	SB-6-10-220111	Total/NA	Solid	3550C	
440-294064-3	SB-3-5-220111	Total/NA	Solid	3550C	
440-294064-4	SB-3-10-220111	Total/NA	Solid	3550C	
440-294064-5	SB-9-5-220111	Total/NA	Solid	3550C	
440-294064-6	SB-9-10-220111	Total/NA	Solid	3550C	
440-294064-7	SB-8-5-220111	Total/NA	Solid	3550C	
440-294064-8	SB-8-10-220111	Total/NA	Solid	3550C	
440-294064-9	SB-10-5-220111	Total/NA	Solid	3550C	
440-294064-10	SB-10-10-220111	Total/NA	Solid	3550C	
MB 570-207368/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-207368/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-207368/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
440-294064-6 MS	SB-9-10-220111	Total/NA	Solid	3550C	
440-294064-6 MSD	SB-9-10-220111	Total/NA	Solid	3550C	

Metals

Prep Batch: 208152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-2	SB-6-10-220111	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 208152 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-3	SB-3-5-220111	Total/NA	Solid	7471A	
440-294064-4	SB-3-10-220111	Total/NA	Solid	7471A	
440-294064-5	SB-9-5-220111	Total/NA	Solid	7471A	
440-294064-6	SB-9-10-220111	Total/NA	Solid	7471A	
MB 570-208152/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-208152/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-208152/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
440-293891-A-27-D MS ^10(	Matrix Spike	Total/NA	Solid	7471A	
440-293891-A-27-E MSD ^1(	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Prep Batch: 208158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-7	SB-8-5-220111	Total/NA	Solid	7471A	
440-294064-8	SB-8-10-220111	Total/NA	Solid	7471A	
440-294064-9	SB-10-5-220111	Total/NA	Solid	7471A	
440-294064-10	SB-10-10-220111	Total/NA	Solid	7471A	
MB 570-208158/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-208158/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-208158/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
440-294064-8 MS	SB-8-10-220111	Total/NA	Solid	7471A	
440-294064-8 MSD	SB-8-10-220111	Total/NA	Solid	7471A	

Analysis Batch: 208386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-208152/1-A	Method Blank	Total/NA	Solid	7471A	208152
LCS 570-208152/2-A	Lab Control Sample	Total/NA	Solid	7471A	208152
LCSD 570-208152/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	208152
440-293891-A-27-D MS ^10(	Matrix Spike	Total/NA	Solid	7471A	208152
440-293891-A-27-E MSD ^1(	Matrix Spike Duplicate	Total/NA	Solid	7471A	208152

Analysis Batch: 208530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-7	SB-8-5-220111	Total/NA	Solid	7471A	208158
440-294064-8	SB-8-10-220111	Total/NA	Solid	7471A	208158
440-294064-9	SB-10-5-220111	Total/NA	Solid	7471A	208158
440-294064-10	SB-10-10-220111	Total/NA	Solid	7471A	208158
MB 570-208158/1-A	Method Blank	Total/NA	Solid	7471A	208158
LCS 570-208158/2-A	Lab Control Sample	Total/NA	Solid	7471A	208158
LCSD 570-208158/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	208158
440-294064-8 MS	SB-8-10-220111	Total/NA	Solid	7471A	208158
440-294064-8 MSD	SB-8-10-220111	Total/NA	Solid	7471A	208158

Analysis Batch: 208793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-2	SB-6-10-220111	Total/NA	Solid	7471A	208152
440-294064-3	SB-3-5-220111	Total/NA	Solid	7471A	208152
440-294064-4	SB-3-10-220111	Total/NA	Solid	7471A	208152
440-294064-5	SB-9-5-220111	Total/NA	Solid	7471A	208152
440-294064-6	SB-9-10-220111	Total/NA	Solid	7471A	208152

Metals

Prep Batch: 664214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-2	SB-6-10-220111	Total/NA	Solid	3050B	
440-294064-3	SB-3-5-220111	Total/NA	Solid	3050B	
440-294064-4	SB-3-10-220111	Total/NA	Solid	3050B	
440-294064-5	SB-9-5-220111	Total/NA	Solid	3050B	
440-294064-6	SB-9-10-220111	Total/NA	Solid	3050B	
440-294064-7	SB-8-5-220111	Total/NA	Solid	3050B	
440-294064-8	SB-8-10-220111	Total/NA	Solid	3050B	
440-294064-9	SB-10-5-220111	Total/NA	Solid	3050B	
440-294064-10	SB-10-10-220111	Total/NA	Solid	3050B	
MB 440-664214/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-664214/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
570-80001-A-2-F MS ^5	Matrix Spike	Total/NA	Solid	3050B	
570-80001-A-2-G MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 664719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-294064-2	SB-6-10-220111	Total/NA	Solid	6010B	664214
440-294064-3	SB-3-5-220111	Total/NA	Solid	6010B	664214
440-294064-4	SB-3-10-220111	Total/NA	Solid	6010B	664214
440-294064-5	SB-9-5-220111	Total/NA	Solid	6010B	664214
440-294064-6	SB-9-10-220111	Total/NA	Solid	6010B	664214
440-294064-7	SB-8-5-220111	Total/NA	Solid	6010B	664214
440-294064-8	SB-8-10-220111	Total/NA	Solid	6010B	664214
440-294064-9	SB-10-5-220111	Total/NA	Solid	6010B	664214
440-294064-10	SB-10-10-220111	Total/NA	Solid	6010B	664214
MB 440-664214/1-A ^5	Method Blank	Total/NA	Solid	6010B	664214
LCS 440-664214/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	664214
570-80001-A-2-F MS ^5	Matrix Spike	Total/NA	Solid	6010B	664214
570-80001-A-2-G MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	664214

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Rexford- Irwindale

Job ID: 440-294064-1
SDG: Irwindale, CA

Laboratory: Eurofins Calscience Tustin

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-22

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

RAMBOLL

CHAIN-OF-CUSTODY FORM

№ 16891

PROJECT NAME/FACILITY ID: REXFORD - IRWINDALE
DATE: 1/11/2022
FIELD PERSON#: N KRAWEC
PROJECT NUMBER: 1690024788-002
PROJECT MANAGER: M.POMPA
PROJECT LOCATION: IRWINDALE, CA
LABORATORY: EUROFINS

Sampler: N KRAWEC
Signature:

SAMPLE ID NUMBER	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH (F)	AIR SAMPLE VOLUME (L)	MATRIX (A) AIR, (SG) SOIL GAS, (so) SOIL (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	Analysis Required: VOCs (8260B)	TPH FULL (8015M)**	METALS (6010/7000)	HOLD	COMMENTS
TB-220111	1/11/22	0700	-	1	W	2	U	H	X				JLL 1/11/22
SB-6-10-220111		0756	10	-	SO	1	-	NO		X	X		*REPORT RESULTS TO MPOMPA@RAMBOLL.COM
SB-3-5-220111		0930	5			1		NO		X	X		
SB-3-10-220111		0934	10			1		NO		X	X		**SAMPLES TO BE HELD PENDING TPH RESULTS
SB-9-5-220111		1130	5			4		V	X	X	X		b SAMPLES TO BE ANALYZED FOR PCBs (8082) IF TPH LEVELS ARE EXCEEDED
SB-9-10-220111		1134	10			4		V	X	X	X		
SB-8-5-220111		1220	5			1		NO		X	X		
SB-8-10-220111		1222	10			1				X	X		
SB-10-5-220111		1350	5			1				X	X		
SB-10-10-220111		1352	10			1				X	X		
TOTAL						17							

1/11/22

440-294064 Chain of Custody

RELINQUISHED BY	TIME/DATE	RECEIVED BY COMPANY	TIME/DATE	TURNAROUND TIME (CIRCLE ONE)	
N.KRAWEC	1/11/2022 @ 1620	EC-T	1/11/22 1620	SAME DAY / 24 HOURS / 48 HOURS	72 HOURS / 5 DAYS / NORMAL
RELINQUISHED BY	TIME/DATE	RECEIVED BY COMPANY	TIME/DATE		
RELINQUISHED BY	TIME/DATE	RECEIVED BY COMPANY	TIME/DATE	SAMPLE INTEGRITY INTACT Y N TEMP_____	SAMPLE INTEGRITY INTACT Y N

H = HCL N = HNO S = H_2SO, U = UNKNOWN NO = NONE O = OTHER, V = VARIOUS

SWBU Office Locations
☑ 5 Park Plaza Suite 500 Irvine CA 92614 +1 949 261 5151 +1 949 261 6202
☐ 350 S Grand Avenue Suite 2800 Los Angeles CA 90071 +1 213 943 6300 +1 213 943 6301
☐ 2111 East Highland Avenue Suite 402 Phoenix AZ 85016 +1 602 734 7700 +1 602 734-7701

IR89 2.7/2.7

Eurofins Calscience Tustin
2841 Dow Avenue
Tustin, CA 92780
Phone 949-261-1022 Fax 949-260-3297

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler	Lab PM: Roberts, Danielle C	Carrier Tracking No(s)	COC No: 440-177365 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Danielle Roberts@Eurofinset.com	State of Origin: California	Page: Page 1 of 2
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State - California, State Program - California		Job #: 440-294064-1
Address: 7440 Lincoln Way, ,	Due Date Requested: 1/17/2022			
City: Garden Grove	TAT Requested (days):			
State Zip: CA, 92841				
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:			
Email	WO #:			
Project Name: Rexford- Irwindale	Project #: 44025558			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U - Acetone, V MCAA, W pH 4-5, Z other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030C (MOD) Routine + Oxy's	8015B_GRO/5030C_Solid_NAC Gasoline Range Organics C4-C12	8015B_GRO/5030C_H Gasoline Range Organics C4-C12	8015B_DRO/3550C C13-C22 / C23-C40	8260B/5035FP_Calc (MOD) Routine + Oxy's	8260B/5035FM_Calc Routine + Oxy's	8015B_GRO/5035FP_Calc Gasoline Range Organics C4-C12	8015B_GRO/5035FM_Calc Gasoline Range Organics C4-C12	Total Number of containers	Special Instructions/Note:
			Preservation Code:													
TB-220111 (440-294064-1)	1/11/22	07 00 Pacific		Water			X								2	
SB-6-10-220111 (440-294064-2)	1/11/22	07 56 Pacific		Solid				X	X	X					1	
SB-3-5-220111 (440-294064-3)	1/11/22	09 30 Pacific		Solid				X	X	X					1	
SB-3-10-220111 (440-294064-4)	1/11/22	09 34 Pacific		Solid				X	X	X					1	
SB-9-5-220111 (440-294064-5)	1/11/22	11.30 Pacific		Solid						X	X	X	X	X	4	
SB-9-10-220111 (440-294064-6)	1/11/22	11 34 Pacific		Solid						X	X	X	X	X	4	
SB-8-5-220111 (440-294064-7)	1/11/22	12:20 Pacific		Solid				X	X	X					1	
SB-8-10-220111 (440-294064-8)	1/11/22	12:22 Pacific		Solid				X	X	X					1	
SB-10-5-220111 (440-294064-9)	1/11/22	13 50 Pacific		Solid				X	X	X					1	

Note: Since laboratory accreditations are subject to change, Eurofins Southwest places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Southwest laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Southwest attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Southwest.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	1/11/2022	ECT	Received by:	1/11/2022 1839	ECI
Relinquished by:	1/11/2022 1947	ECI	Received by:	1/11/2022 1947	ECI
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No N/A	Cooler Temperature(s) °C and Other Remarks: 1.7/3.2 IR6

Ver 06/08/2021

Eurofins Calscience Tustin
2841 Dow Avenue
Tustin, CA 92780
Phone 949-261-1022 Fax: 949-260-3297

Chain of Custody Record

eurofins Environment Americ.

Client Information (Sub Contract Lab)	Sampler	Lab PM: Roberts, Danielle C	Carrier Tracking No(s)	COC No: 440-177365.2
Client Contact: Shipping/Receiving	Phone	E-Mail: Danielle.Roberts@Eurofinset.com	State of Origin: California	Page: Page 2 of 2
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State - California; State Program - California		Job #: 440-294064-1
Address: 7440 Lincoln Way, ,	Due Date Requested: 1/17/2022			
City: Garden Grove	TAT Requested (days):			
State, Zip: CA, 92841				
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:			
Email:	WO #:			
Project Name: Rexford- Irwindale	Project #: 44025558			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030C (MOD) Routine + Oxy's	8015B_GRO/5030C_Solid_NAC Gasoline Range Organics C4-C12	8015B_GRO/5030C_H Gasoline Range Organics C4-C12	8015B_DRO/3550C C13-C22 / C23-C40	8260B/5035FP_Calc (MOD) Routine + Oxy's	8260B/5035FM_Calc Routine + Oxy's	8015B_GRO/5035FP_Calc Gasoline Range Organics C4-C12	8015B_GRO/5035FM_Calc Gasoline Range Organics C4-C12	Total Number of containers	Special Instructions/Note
			Preservation Code:													
SB-10-10-220111 (440-294064-10)	1/11/22	13 52 Pacific		Solid				X	X	X					1	

Note: Since laboratory accreditations are subject to change, Eurofins Southwest places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Southwest laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Southwest attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Southwest.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Jorge Lagunas	1/11/2022	ECT		1/11/2022 1839	ECI
2		1/11/2022 1947	ECI		1/11/2022 1947	ECI
3		Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No: N/A	Cooler Temperature(s) °C and Other Remarks: 1.7/3.2 SCG

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 440-294064-1
SDG Number: Irwindale, CA

Login Number: 294064
List Number: 1
Creator: Lagunas, Jorge L

List Source: Eurofins Calscience Tustin

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 440-294064-1
SDG Number: Irwindale, CA

Login Number: 294064
List Number: 2
Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience
List Creation: 01/11/22 09:00 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	