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6 February 1997

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Subject: Phase I Environmental Site Assessment of the Jervis B. Webb Property at 9301 Rayo Avenue in South Gate, California (EKI 961025.00)

Dear Mr. Stanesa:

Erler & Kalinowski, Inc. ("EKI") is pleased to submit this *Phase I Environmental Site Assessment* ("Assessment") for the Jervis B. Webb Company property at 9301 Rayo Avenue in South Gate, California. This Assessment was prepared in accordance with the agreement, dated 27 March 1996, between the Jervis B. Webb Company and EKI.

Limitations of Assessment

The conclusions and recommendations presented in the attached Assessment are our professional opinion and are not a warranty or guaranty as to the presence, absence, or extent of contamination at the Subject Property or of releases from or near the Subject Property. The facts presented in the Assessment are based on available information obtained by EKI and represent existing conditions at the Subject Property at the time the information was collected. This Assessment is intended for the sole use of the Jervis B. Webb Company. Unless specifically authorized by EKI, and subject to execution of an agreement between EKI and any third party in a form and content approved by EKI, use or reliance by any other entity is not permitted or authorized.

Please call if you have any questions.

Very truly yours,

ERLER & KALINOWSKI, INC.

Steven G. Miller, P.E.
Project Manager

Attachment - Phase I Environmental Site Assessment

Erler &
Kalinowski, Inc.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

OF THE

JERVIS B. WEBB COMPANY PROPERTY AT

9301 RAYO AVENUE

SOUTH GATE, CALIFORNIA

6 February 1997

(EKI 961025.00)

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Jervis B. Webb Company
9301 Rayo Avenue
South Gate, California

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1.0 EXECUTIVE SUMMARY

Erler & Kalinowski, Inc. ("EKI") conducted a Phase I Environmental Site Assessment of the Jervis B. Webb Company ("Webb") property at 9301 Rayo Avenue in South Gate, California ("Subject Property). Webb also owns the adjacent parcel at 5030 Firestone Boulevard ("Firestone Property"). A brief summary of the major findings of this assessment follows:

Subject Property Findings

1. Webb manufactured conveyor systems at the site from the mid-1950s to early 1996. Currently the property is unoccupied and has been cleared of all equipment and materials.

2. The use of hazardous materials at the site included primarily paints, solvents, and oils.

3. Along the northeast side of the building is an area formerly used for paint storage and for a conveyor that carried parts to be painted. Miscellaneous debris was also observed in this area. This debris was removed and properly disposed off-site.

4. The floor of the building was observed to be relatively clean except for several small areas of moderate to heavy oils stains that appear to be associated with former machine locations. These areas were scrubbed and pressure washed during general site cleanup activities conducted at the site from 17 October 1996 through 8 November 1996.

5. A 36-inch diameter, steel manhole-covered sump was located on the floor of the eastern bay of the building. This structure consisted of an approximately four feet deep steel-lined pit with an unlined, gravel bottom. This structure was closed pursuant to Los Angeles County Department of Public Works ("LACDPW") requirements under LACDPW Closure Permit No. 175812. Analytical results indicated an elevated concentration of lead in one sample of soil collected from the base of the structure. Closure activities consisted of removal of the structure and excavation of soil beneath the structure to approximately 13 feet, with a small area excavated to 18 feet, below floor surface. Confirmation soil samples were collected, analyzed and were reported to have no detectable volatile organic compounds ("VOCs") and metals were not elevated. The area was backfilled, compacted and resurfaced with concrete. The LACDPW approved closure of the structure in a letter dated 17 December 1996.

6. The areas previously used for temporary storage of drums of waste paint and oil had only minor floor staining.

7. A below grade concrete tank (approximately 12 x 24 feet and 3 feet deep) was located in the former paint booth area. Prior to 1987, the structure was used to contain water that collected overspray paint from a wet painting operation. The paint and water waste was periodically removed and disposed at an off-site facility. This structure was closed pursuant to LACDPW requirements under LACDPW Closure Permit No. 175812.

Analytical results indicated that soil samples collected from beneath the structure were not impacted by petroleum hydrocarbons, VOCs or metals. The structure was triple-rinse cleaned on 18 October 1996 and the sump was subsequently broken-out and removed on 18 and 19 November 1996. The area was backfilled, compacted and resurfaced with concrete. The LACDPW approved closure of the structure in a letter dated 17 December 1996.

8. An unlined electrical conduit and piping trench (approximately 2 feet wide and 2 feet deep) extends from the southeast end (facing Rayo Ave.) of the building approximately 200 feet toward the northwest. In one portion of the trench heavy oil staining was observed. Approximately a two feet thickness of oil stained soil was excavated from a portion of the trench on 18 November 1996. The removed soil was sampled, analyzed and found to contain four VOCs; 1,1 dichloroethane ("1,1-DCA") at 52 micrograms per kilograms ("ug/kg"), 1,1,1-trichloroethane ("1,1,1-TCA") at 300 ug/kg, benzene at 5 ug/kg, and toluene at 12 ug/kg. Three soil samples were collected from soil approximately four feet beneath the trench after soil removal and no VOCs were detected in these samples. Some oil stained soil was left in place under the adjacent concrete slab.

Other Findings

1. The Firestone Property was acquired by Webb in the 1960s. Blake Rivet manufactured aircraft rivets at this location through the 1970s. Webb has since used the property primarily for storage. Currently, the property is vacant and has been cleared of all equipment and materials. Blake Rivet had an above ground anodizing operation. Wastewater from this operation was collected in floor trenches and discharged to a clarifier located at the southeast corner of the building, before discharge to the sewer. The sanitary sewer pipeline(s) from this parcel appear to pass through the Subject Property to Rayo Avenue.

2. The Subject Property is located in an industrial area with known groundwater contamination. At least 21 properties, including one proposed National Priorities List site, within a one mile radius have had or are suspected of having had a release of a hazardous substance.

3. Two groundwater monitoring wells are located along Rayo Avenue, essentially adjacent to the Subject Property. Groundwater from one of these wells has had trichloroethene ("TCE") at 1,400 micrograms per liter ("ug/l"). The depth to groundwater has been 45 to 55 feet below ground surface and the direction of groundwater flow is generally toward the south, based on data from the former Dial site located across Rayo Avenue. A report by Bechtel indicates that groundwater flow direction is to the north-northwest.

4. The U.S. EPA has conducted a Preliminary Assessment/Site Inspection of the Subject Property and Firestone Property and several other industrial properties in the area. These assessments have apparently been conducted as a consequence of the discovery of

tetrachloroethene ("PCE") and TCE contamination of deep aquifers at several City of South Gate wells located approximately one-quarter to one-half mile southwest and southeast of the Subject Property.

5. On the basis of Bechtel's report of its Preliminary Assessment/Site Inspection of the Subject Property and Firestone Property, the U.S. EPA has recommended that an Expanded Site Inspection ("ESI") be performed but has indicated that the site is a lower priority and no such inspection may ever occur. Since Webb has recently conducted subsurface investigations and remediation which address the Bechtel report's concerns and which demonstrates only minor impacts to shallow soil, Webb has submitted the data to the U.S. EPA and requested that U.S. EPA remove the site from the Comprehensive Environmental Response, Compensation, and Liability Information System ("CERCLIS") list. U.S.EPA has agreed to review these data and consider deleting the site.

2.0 INTRODUCTION

Jervis B. Webb Company retained Erler & Kalinowski, Inc., in an agreement dated 27 March 1996, to perform a Phase I Environmental Site Assessment of the Webb properties in South Gate, California. This Assessment report is for Webb's property located at 9301 Rayo Avenue ("Subject Property"). Webb's adjacent property is at 5030 Firestone Boulevard ("Firestone Property"). The Phase I Environmental Site Assessment is intended to address environmental due diligence requirements as part of efforts by Webb to prepare the property for sale. The Phase I Environmental Site Assessment conducted by EKI in general follows the procedures outlined in the American Society for Testing and Materials ("ASTM") *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, Designation E 1527-94. Records review tasks were performed during April and May 1996 and, as agreed, have not been supplemented with more recent reviews for this report. This report incorporates the results of recent site investigations and tank closure activities at the Subject Property.

3.0 DESCRIPTION OF SUBJECT PROPERTY

This section provides a description of the Subject Property. Webb ceased operations at the Subject Property and Firestone Property as of the end of March 1996.

3.1 Location and Size of Subject Property

The Subject Property consists of a single parcel of land located at 9301 Rayo Avenue in South Gate (Figure 1). The Subject Property is bounded by the Firestone Property to the northwest, the Laidlaw and Piazza Trucking Company Properties to the northeast, Rayo Avenue and the former Dial Property to the southeast, and the Union Pacific railroad right-of-way and McLeod Metals property to the southwest (see Figure 2).

The Subject Property totals approximately 2.8 acres. (Webb, 1995)

3.2 Improvements to Subject Property

A steel-framed building with corrugated steel siding currently occupies the Subject Property (Figure 2). It has an approximate area of 37,000 square feet. At the north end of the building is a steel-framed roof-covered open bay over an area of approximately 10,000 square feet. The remainder of the site is nearly all asphalt or concrete covered. Some landscaped planter areas are located at the southeast end of the property. An inactive railroad spur enters the property from the northwest through the Firestone Property. Electrical power and water supply to the site appear to be provided off Rayo Avenue. A sanitary sewer connection exists at the site, the sewer pipeline appears to go to Rayo Avenue. An underground storm drain pipe, and possibly an easement, are located along the northwest side of the property. (Webb, 1967 and Webb, 1995)

3.3 Information Reported by Webb Regarding Environmental Conditions at the Subject Property

EKI reviewed several documents provided by Webb relevant to environmental conditions at the site. No environmental liens were reported to EKI by Webb and no title search documents were reviewed by EKI for the Subject Property.

<u>Findings of Previous Environmental Site Assessments</u>

<u>Hart Report</u>. In 1988, Fred C. Hart Associates completed an environmental compliance assessment for the Subject Property and Firestone Property. The report indicates that operations at the site included:

> "...metal fabrication (shearing, bending, sawing, machining, welding), painting operations and some assembly." (Hart, 1988, page 2)

Raw materials used included:

> "...I-beam stock, channel stock, plate and sheet metal, tubing, angle iron, paints and solvents." (Hart, 1988, page 2)

Solvent use was described as:

> "Solvents (J209 and Solvent Blend) are used as thinner/solvent for maintaining viscosity and for cleaning equipment. These solvents both are a mixture of alcohols, esters, ketones, toluene, xylene, glycol ethers and petroleum distillates in varying concentrations." (Hart, 1988, page 2)

Wastes generated include:

> "...waste paint, used solvent, waste oil and coolants, scrap metal and general trash." (Hart, 1988, page 2)

Several hazardous materials were used in the cleaning and painting activities, these included:

> "...solvents, oils and paints. Solvent, specifically 1,1,1-trichloroethane (1,1,1-TCA), was used for cleaning steel parts and products. The waste generated from the cleaning activities was containerized in 55- gallon drums and sent to an off-site treatment, storage, and disposal facility." (Hart, 1988, page 2)

Hart provided recommendations to improve waste management practices and for Proposition 65 compliance. The Hart report also indicated that there were no process wastewater streams generated and no underground storage tanks present at the site. The Hart report indicated that "The California Department of Public Health required Webb to clean up and dispose of oil-contaminated soil resulting from storage of tow motor oil in an area now covered by an asphalt parking lot" (Hart, 1988, page 5). No more details concerning the soil clean-up were provided in the Hart report or available from Webb.

Bechtel Report. Bechtel completed a Preliminary Assessment/Site Inspection of the Subject Property and Firestone Property on behalf of the U.S. EPA Region IX pursuant to the listing of the sites on the CERCLIS list. The site inspection was completed on 24 May 1994. On page 10 of the report, Bechtel identified the following factors as being pertinent to the ranking of the Site using the Hazard Ranking System:

- The Jervis B. Webb Co. has operated a conveyor manufacturing shop at the site since the 1950s. Undocumented quantities of oil based paint wastes containing toluene and xylene were generated on site in a former 8,000-gallon water and paint sump.

- A waste paint and water mixture is generated at the site. Records from the site indicated that paints used by Jervis B. Webb Co. have contained lead chromate and barium compounds.

- Fifty-seven drinking-wells are 4 miles of the site and contribute to 12 drinking-water systems that serve approximately 410,506 people.

The new data obtained by Webb during recent investigation and remediation address the Bechtel report's concern that the prior use of paint at the site may have adversely impacted the soil and potentially the groundwater by investigating the water and paint sump referred to as Tank 1, the paint runoff sump referred to as Tank 2, and the utility trench which is the only remaining subsurface structure with exposed soil.

The area in which the painting formerly occurred, including the paint sump, were sampled and closed under regulatory supervision. No VOCs or elevated California metals (including lead chromium and barium) were found under Tank 1. Under agency direction, Tank 2, where potential paint runoff could be captured, was also sampled. Elevated metal concentrations were found in only one sample (P-1-2). Webb removed the first five feet of soil and confirmed that no additional contamination remains. Tank 2 was also granted closure. Impacted surface soil was removed from the utility trench and sampling found no volatile organic TPH or VOCs remaining in the soil below approximately four feet. These results indicate that Webb operations impacted only shallow soil.

In its remedial assessment decision, the U.S. EPA Region IX recommended that an ESI be performed but indicated that the site is lower priority. In a 30 April 1996 telephone conversation between Mr. Philip Armstrong of the U.S. EPA and Mr. Steven Miller of EKI, Mr. Armstrong indicated that an ESI has not yet been scheduled and may never occur given the low priority of this site. With a letter from EKI dated 16 January 1997, Webb has submitted the data to the U.S. EPA and requested that U.S. EPA remove the site from the CERCLIS list in light of its recent invasive work. U.S. EPA has agreed to review these data and consider deleting the site.

Vision Reports. The Vision reports address operational air permitting issues. Since Webb no longer operates any process at this Subject Property, most of the report does not appear to be relevant to this assessment. Before discontinuing operations, Webb held South Coast Air Quality Management District Permit No. M58084 for its spray paint booth.

Chemical use information is presented in the appendices of the *Emissions Inventory* report. The information identifies products and quantities used at the facility during 1994. (Vision, 1995) The products were:

> Danger Orange coating (product code 3-WE-2613) manufactured by P.F.I., Inc. Approximately one gallon was used in 1994.

W/B Acrylic Enamel Safety Yellow coating (product code 728Y047) manufactured by Ellis Paint company. Approximately one gallon was used in 1994.

W/B Acrylic Enamel Gray coating (product code 728A065) manufactured by Ellis Paint company. Approximately six gallons were used in 1994.

W/B Acrylic Enamel Blue (Unibilt) coating (product code 728L044) manufactured by Ellis Paint company. Approximately five gallons were used in 1994.

Cool-Tool II cutting and taping fluid manufactured by Monroe Fluid Technology and Premium AW Hydraulic Oil #32 supplied by GoldenWest Lubricants, Inc. The combined usage of cutting and hydraulic oils during 1994 is reported to be approximately 30 gallons.

Rustlick WS-11 manufactured by ITW Fluid Products Group. The approximate quantity used is not reported.

Kill-Cide 700 manufactured by ITW Fluid Products Group. The approximate quantity used is not reported.

Solvent 105 supplied by Safety Kleen. Approximately 40 gallons were delivered to the site is 1994.

Notice of Intent. The notice indicates Webb's intent to comply with the terms of the general permit for discharge of stormwater. Stormwater runoff from the site discharges to a storm drain owned by the Los Angeles County Flood Control District. The nearest receiving water is the Los Angeles River located approximately one quarter mile east of the Subject Property. (Notice of Intent, 1995)

Uniform Hazardous Waste Manifests. The manifests, along with supporting documentation, indicate the disposition of various hazardous wastes removed from the Subject Property and Firestone Property by Industrial Waste Utilization, Inc. during March 1996. Industrial Waste Utilization, Inc.'s job order form indicates that the following wastes were removed from the site and disposed off-site:

3 - 55 gallon drums of paint filters
1 - Lot of miscellaneous and 1 gallon containers
1 - 5 gallon pail of sealant
4 - 5 gallon pails of grease
1 - 15 gallon drum of aerosols
2 - 55 gallon drums of water/water based paint
1 - 55 gallon drum of consolidated solvents
2 - 55 gallon drums of rags
1 - 55 gallon drum of paint

several miscellaneous empty drums and containers.
(Manifests, 1996)

Webb has EPA Generator I.D. No. CAD008339467. The quantities disposed in March 1996, may not be typical of normal operations because Webb was in the process of closing down its operations.

Findings of Previous Environmental Testing

Environmental testing at the site consists of the recently completed investigations and activities related to tank closure and general site cleanup. Results of these activities are summarized in relevant sections of this report. Reports prepared in connection with these activities are cited herein and are attached as appendices.

It is our understanding that no sampling and analysis of soil was completed at the Subject Property prior to the recently completed investigations.

3.4 Current Use of Subject Property

The Subject Property is currently not in use by Webb. The building and outside areas of the Subject Property have been cleared of equipment and other materials from Webb operations.

3.5 Physical Setting

The Subject Property is located in the Central Basin Pressure Area of the Coastal Plain of Los Angeles County. Ground surface elevation at the Subject Property is roughly 110 feet above mean sea level. The surface topography appears to slope gently to the southeast in the general direction of the Los Angeles River. (USGS Map)

The area is underlain by aquifers separated by fine-grained aquitards within three main formations: the Recent Alluvium, Lakewood Formation and San Pedro Formation. The Recent Alluvium apparently does not include any significant water bearing zone in the vicinity of the Subject Property. The first aquifer appears to be the Exposition aquifer in the Lakewood Formation. The Exposition begins at about 70 to 80 feet below ground surface and is roughly 80 to 100 feet thick. Beneath the Exposition is the Gage aquifer which is also part of the Lakewood Formation. Beneath the Lakewood Formation is the San Pedro Formation which consists of, in descending order, the Jefferson, Lynwood, Silverado, and Sunnyside aquifers in the vicinity of the site. (DWR, 1961)

The City of South Gate supplies water to the Subject Property and surrounding area. The City has 14 water supply wells of which 11 are currently active. At least four of the active wells have been found to contain PCE and so extracted groundwater from these wells is being treated. (Telephone conversation between Mr. John Chambers, City of South Gate and Mr. Steven Miller of EKI on 29 April 1996.)

Water quality has been monitored at several City of South Gate wells near the Subject Property by the Water Replenishment District of Southern California ("WRDSC"). The following table identifies the chlorinated volatile organic compounds ("VOCs") detected in wells monitored by the WRDSC that are located within approximately one-half mile of the Subject Property (WRDSC, 1995):

South Gate Well No.	Approximate Distance/Direction From the Subject Property	VOC(s) Detected	Aquifer in Which VOC Detected
7	1/4 mile-northwest	TCE PCE 1,1-DCE	Lynwood Lynwood Lynwood
13	1/2 mile-southwest	PCE	Silverado & Sunnyside
14	1/2 mile southwest	PCE	Silverado & Sunnyside
18	1/2 mile-southwest	PCE	Jefferson, Silverado & Sunnyside
19	1/2 mile-southwest	PCE	Jefferson
23	1/4 mile-southeast	PCE	Jefferson
25	1/2 mile-southeast	TCE PCE	Gage/Exposition Gage/Exposition

Based on groundwater monitoring data from the former Dial facility, across Rayo Avenue just east of the Subject Property, groundwater flow is in a southerly direction at a gradient of approximately 0.003 feet/foot. The depth to groundwater in two monitoring wells located along Rayo Avenue ranged from about 45 to 55 feet below ground surface from April 1992 to April 1995. One well on the Dial Corporation site was found to have shallower perched groundwater. (EMCON, 1995) Bechtel, however, reported that groundwater flow in the upper aquifers is to the north-northwest. (Bechtel 1994, page 6)

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

Records reviews described herein were performed during April and May 1996.

Regulatory Agency Databases

To establish the possible environmental and public health concerns at the Subject Property and nearby properties, EKI contracted with Vista Environmental Information, Inc. ("Vista") to perform a search of regulatory agency databases. Vista performed a search of selected government databases for the Subject Property and for listed hazardous materials release and use sites within a one-mile radius of the Subject Property. Vista's search included the following databases:

Databases Searched to One Mile Radius:

- U.S. EPA National Priority List ("NPL")
- U.S. EPA RCRA Corrective Actions ("CORRACTS")
- U.S. EPA RCRA permitted treatment, storage, and disposal facilities ("TSD")
- California State equivalent priority list ("SPL")

Databases Searched to One-Half Mile Radius:

- U.S. EPA Sites under review by the U.S. EPA ("CERCLIS")
- California State equivalent CERCLIS list ("SCL")
- California State leaking underground storage tank list ("LUST")
- California State permitted solid waste landfills, incinerators, or transfer stations ("SWLF")
- California Sites with deed restrictions ("DEED RSTR")
- California State index of properties with hazardous waste ("CORTESE")
- California Toxic Pits cleanup facilities ("TOXIC PITS")

Databases Searched to One-Quarter Mile Radius:

- U.S. EPA RCRA violations / enforcement actions ("RCRA VIOL")
- U.S. EPA Toxic Release inventory database ("TRIS")
- California Registered underground or aboveground storage tanks ("UST/AST")
- Los Angeles County Unique county databases

Databases Searched to One-Eighth Mile Radius:

- U.S. EPA Emergency Response Notification system of spills ("ERNS")
- U.S. EPA RCRA registered small or large generators of hazardous waste ("GNRTR")

These regulatory agency databases represent a partial listing of the most readily available and most current sources of information on hazardous materials release and use sites in the vicinity of the Subject Property. A description of the databases searched by Vista and the search results are presented in Vista's report dated 3 April 1996, included as Appendix A.

The Vista report identified 35 separate sites from the various databases searched within a radius of one mile or less. Of these, 21 are sites where releases of hazardous materials are confirmed or suspected. EKI reviewed available government case files for some of these sites.

Findings from EKI's review of Vista's report and government case files for the Subject Property are presented in Section 4.3 and for the surrounding properties in Section 4.4.

Other Record Sources

In addition to the Vista report and follow-up review of selected agency files, EKI reviewed documents provided by Webb and obtained from the following sources to obtain historical use information for the Subject Property and surrounding area:

- Historical aerial photos at Continental Aerial Photo, Inc. ("Continental")
- Historical aerial photos at Fairchild Aerial Photo Collection, Department of Geology, Whittier College. ("Fairchild")
- Historical Maps from the Sanborn Mapping and Geographic Information Service ("Sanborn Map")

4.2 Historical Use Information for the Subject Property and Vicinity Properties

A discussion of historical use, beginning with the earliest record reviewed, follows. The discussion presents information both on the Subject Property as well as for the surrounding area.

1928 Fairchild Aerial Photo. The Subject Property and Firestone Property appear to be in agricultural use. A dirt road and small building, possibly a house, are present at the south end of the Subject Property. The surrounding area also appears to be mostly undeveloped or in agricultural use although some small buildings are evident. Railroad tracks are present along the Southwest side of the Subject Property. A street is present in the current location of Rayo Avenue. There is not a street in present location of Firestone Boulevard. A large tank farm is present east of the Subject Property approximately one-half mile, in the current location of the ARCO Vinvale Terminal.

1932 Fairchild Aerial Photo. Several dirt roads cross the Subject Property and Firestone Property which, otherwise, appear to be unchanged from 1928. A street is present in the approximately location of the current Firestone Place. Several new small buildings are evident in the surrounding area.

1939 Fairchild Aerial Photo. The Subject Property and surrounding area appear unchanged except for the addition of new larger buildings on off-site properties to the east and south.

1947 Fairchild Aerial Photo. The Subject Property and Firestone Property are undeveloped but appear to have dirt roads or trails across them. The surrounding area is substantially more developed than in 1939. The adjacent property, along the northeast side of the Subject Property, is developed with a large building in the location of the main building currently on the site. Commercial or industrial development appears along Firestone Place. In the area east of Rayo Avenue, extending south from the current Firestone Boulevard to at least Southern Avenue, larger industrial development is evident. To the west of the Subject Property the area appears to be primarily residential or vacant with some areas developed for commercial or industrial use.

1950 Sanborn Map. This map shows no development on the Subject Property. The industrial development across Rayo Avenue to the east is identified as the Purex Corporation. To the south are several industries, most appear to produce various types of metal products. A school is present approximately one-quarter mile southwest of the Subject Property (this school is currently vacant). A power transmission line on steel towers runs east to west just south of the Subject Property. West of the Subject Property is a cellophane package manufacturing company as well as residences and vacant land.

1953 Fairchild Aerial Photo. The Subject Property is vacant. Two buildings appear on the Firestone Property. The buildings appear to be smaller than the buildings currently on-site but are in the same location. Firestone Boulevard is present along its current alignment. The area to the east and south of the Subject Property appears to be increasingly industrial. The area to the west is partly residential and vacant and also has new commercial or industrial development. Development along Firestone Boulevard remains commercial and industrial.

1954 Continental Aerial Photo. One larger building appears on the Subject Property. The Firestone Property appears to be largely unchanged. The adjacent property to the east appears to be industrial with outside equipment and/or materials storage.

1957 Fairchild Aerial Photo. The two buildings noted on the Firestone Property in 1953 appear to have been combined into a single larger building.

1960 Continental Aerial Photo. The buildings on both the Subject Property and Firestone Property appear to have been expanded and areas of the Site appear to be paved. The adjacent property to the northeast of the Subject Property has substantial outside equipment and/or materials storage. A site less than one-quarter mile northwest appears to have significant industrial activity, including the storage of a large number of drums. The 710 Freeway is present east of the site.

1962 Fairchild Aerial Photo. A new building is present on the property immediately east of the Firestone Property, at the current location of the Laidlaw mini-van taxi service company.

1966 Sanborn Map. This map shows the middle bay, the west office/shops bay and the roof-covered open bay of the building on the Subject Property. The map also shows the building on the Firestone property. A railroad spur is shown on the Firestone Property and entering into the Subject Property in its current location. The amount of industry to the east, south, and west is expanded over that shown in the 1950 Sanborn Map. The Sanborn Map does not extend north of the Subject Property.

1967 Plant Layout Plan. This plan indicates that the east bay of the manufacturing building and the roof-covered open bay were added to the Subject Property in 1966-1967. (Webb, 1967)

1970 Continental Aerial Photo. The Subject Property and Firestone Property appear to be substantially unchanged. The surrounding area remains commercial and industrial with some new development and redevelopment. It appears that some industrial areas to the south and southeast have been redeveloped.

1976 Continental Aerial Photo. The Subject Property appears to be substantially unchanged with some outside storage of equipment and/or materials evident. The property immediately across the railroad tracks southwest of the Subject Property has a

building and indications of outside activity. It appears that some industrial areas to the north has been redeveloped.

1986 Continental Aerial Photo. The Subject Property appears to be substantially unchanged. The surrounding area remains commercial and industrial with some new development and redevelopment.

1992 Continental Aerial Photo. The Subject Property appears to be substantially unchanged. The surrounding area remains commercial and industrial with some new development and redevelopment.

4.3 Agency Record Reviews for the Subject Property

The Vista report identified agency file listings for the Subject Property. EKI also contacted the City of South Gate to inquire about the existence of a permit for industrial wastewater discharge for both the Subject Property and Firestone Property. A discussion of the Firestone Property is presented in the following section.

The CERCLIS listing identified in the Vista report refers to the Preliminary Assessment/Site Inspection completed by Bechtel on behalf of the U.S. EPA. EKI reviewed the Bechtel report (Bechtel, 1994), as described in Section 3.3.

The 9301 Rayo Avenue address appears on the GNRTR list under the name of the Jervis B. Webb Company. The GNRTR listing indicates that Webb was a large quantity generator of hazardous waste when it was in operation (i.e., at least 1,000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste).

EKI contacted the California EPA's Department of Toxic Substances Control and learned that the Subject Property has been deleted from the CalSites list (see Appendix B).

No industrial wastewater discharge permit was found for the Subject Property.

4.4 Agency Record Reviews for Vicinity Properties

As discussed in Section 4.1, the database search performed by Vista identified 21 separate sites within a radius of one-mile or less of the Subject Property where releases of hazardous materials are confirmed or suspected. Locations of these sites are shown on figures in the Vista report included as Appendix A.

EKI reviewed available files at the Regional Water Quality Control Board, Los Angeles Region ("RWQCB") and Los Angeles County Department of Public Works, Waste Management Division ("LACDPW") for selected sites to obtain information on the nature and extent of these releases. The two properties adjacent to the east and northeast of the Subject Property (i.e., the Laidlaw minivan taxi service site at 5040 Firestone Boulevard

and the Piazza Trucking site at 9001 Rayo Avenue) had no Vista listing or RWQCB or LACDPW file.

EKI selected sites for file review primarily on the basis of whether the Vista report indicated that a groundwater assessment had been performed. Inasmuch as there are other industrial sites in this area with the potential to have had chemical releases, additional file reviews could be performed at a later time if found to be useful as part a follow-up assessment.

The sites identified in the Vista report with known or suspected releases and the findings of EKI's file reviews for selected sites, are presented below.

Firestone Property, 5030 Firestone Boulevard. The Firestone Property address does not appears on the CERCLIS list of the Vista report, however, the Bechtel Report refers to both the Subject Property and Firestone Property as part of the same assessment. Refer to Section 3.3. This address appears under the name Blake Rivet Company ("Blake Rivet") on the GNRTR list of the Vista report. The GNRTR listing indicates that Blake Rivet was a large quantity generator of hazardous waste when it was in operation. The City of South Gate file for Industrial Wastewater Discharge Permit No. 5181 indicates that Blake Rivet maintained the permit in connection with its production of aluminum and stainless steel aircraft rivets

ARNCO, 5141 Firestone Place. The site is located less than one-eighth mile to the northeast of the Subject Property and is listed on the TRIS database for a past release of toluenediisocyanate.

McLeod Metals Company, 8980 Kendall Avenue. The site is located approximately one-eighth mile to the west of the Subject Property and is listed on the LUST database. The Vista report indicates that one or more underground storage tanks leaked gasoline. According to the Vista listing, site cleanup is complete and the case is closed.

McLeod Metals Company, 9309 Rayo Avenue. The site is located approximately 0.1 mile to the southwest of the Subject Property and is listed on the LUST, CORTESE and CERCLIS databases. The LUST and CORTESE listings are for the same two leaking underground storage tanks. The Vista report indicates that two underground storage tanks leaked diesel to soil and that the site has completed or will complete a preliminary assessment. The CERCLIS listing indicates that no further remedial action is planned.

Purex Rubbish Disposal Company, 9300 Rayo Avenue. The site is located approximately 0.1 mile to the south and east of the Subject Property and is listed on the SWLF and GNTR databases. The Vista report indicates that the site was the location of a sanitary landfill.

EKI reviewed the file for this site at the RWQCB. The file indicates that Dial Corporation ("Dial"), with EMCON as their consultant, has had site contamination issues addressed.

Several phases of soil and groundwater investigation have been completed at this site. Fifty six soil borings, 10 soil vapor extraction wells, and 10 groundwater monitoring wells have been installed.

In a report dated 23 January 1995, EMCON reports that the South Lot has soil contaminated with petroleum hydrocarbons. As of January 1995, EMCON reports that Dial plans to excavate the petroleum contaminated soil. The South Lot is located south of the Subject Property, across Rayo Avenue and the Union Pacific railroad tracks.

In the Main Lot area, east of the Subject Property and across Rayo Avenue, EMCON reports the investigation of three areas in its 23 January 1995 report. In the former storage tank area, petroleum hydrocarbons and VOCs have been found in soil. Detected VOCs include 1,2-dichloroethane ("1,2-DCA") and chloroform. Soil vapor extraction treatment of the soil was initiated in 1993. In the alkylate unloading area, dodecylbenzene has been found in soil. A risk assessment has been completed to support no further action in this area. In the Building 8 former fuel-oil tank area, diesel contaminated soil has been found. Based on EMCON's recommendation in its 23 January 1995 report, no further remedial action is planned.

The groundwater monitoring wells indicate a southerly direction of groundwater flow with groundwater generally at 45 to 55 feet below ground surface. Groundwater gradient was found to be approximately 0.003 feet/foot. One well has indicated a shallower perched groundwater.

Groundwater monitoring results for wells on the site indicate the detection of benzene (at a high of 250 ug/l) and TCE (at a high of 200 ug/l) at concentrations exceeding maximum contaminant levels for drinking water. Several other VOCs were detected including: toluene, ethylbenzene, xylenes, 1,1-DCA, 1,2-DCA, 1,2-dichloropropane, cis-1,2-dichloroethene, trans-1,2-dichloroethene, acetone, 1,1,1-TCA, chloroform, 1,1-dichloroethylene, 1,2,3-trichloropropane, vinyl chloride, isopropylbenzene, hexachlorobutadiene, and napthlene.

According to EMCON's report of 18 July 1995, two groundwater wells identified as upgradient wells were installed in Rayo Avenue. Well MW-4 is located in the street near the north driveway entrance to the Webb property. Well MW-5 is located just north of the railroad tracks along the west side of Rayo Avenue (i.e., south of the southeast corner of the Webb property). The wells have apparently been sampled only once, in April 1992. Groundwater from MW-4 was found to have TCE at 28 ug/l and 1,2-DCA at 0.6 ug/l and MW-5 was found to have TCE at 1,400 ug/l.

<u>Reisner Metals, 5225 East Firestone Place.</u> This site is located approximately one-eighth to one-quarter mile to the northeast of the Subject Property and is listed on the LUST and CERCLIS databases. The Vista report indicates that one or more underground storage tanks leaked waste oil to soil and that a remedial action plan has been implemented.

EKI reviewed the Los Angeles County Department of Public Works file for the site and found that the LACDPW has issued a letter indicating that site remediation is complete and that no further action is required. The CERCLIS listing indicates that a Preliminary Assessment and Site Screening Inspection has been completed and the site is considered a lower priority.

Shultz Steel Company, 5321 Firestone Boulevard. This site is located approximately one-eighth mile to the northeast of the Subject Property and is listed on the TRIS database for a past release of chromium, copper, and nickel.

Cooper Drum Company, 9316 Atlantic Avenue. The site is located approximately one-eighth mile to the southwest of the Subject Property and is listed on the NPL, CERCLIS, SCL and CORTESE databases. All of these listings relate to the investigation of this site pursuant to Superfund requirements. This site has been proposed for listing on the National Priority List.

EKI has contacted the U.S. EPA concerning the status of investigations at this site but no information has been received yet. We will forward information when it is available. It is our understanding that this site has had TCE and PCE detected in soil and groundwater. Based on groundwater gradient data from the Dial property, this site may be downgradient or cross gradient of the Subject Property. However, based on the groundwater gradient direction presented in the Bechtel report (Bechtel, 1994), the Cooper site could be upgradient of the subject property.

W.R. Grace Company, 9430 Rayo Avenue. This site is located approximately one-eighth mile to the southwest of the Subject Property and is listed on the CERCLIS database with status indicated as unknown.

Mondo's Show Chrome/TEDESCO, 4933 Firestone Boulevard. This site is located approximately one-eighth mile to the northwest of the Subject Property and is listed on the Los Angeles County Site Mitigation database. The listing indicates that the site has potential heavy metal contamination and that investigation is needed.

Kustom Fit Manufacturing, 8990 Atlantic Avenue. This site is located approximately one-quarter mile to the west of the Subject Property and is listed on the CERCLIS and TRIS database. The CERLIS listing indicates that the site has had a Preliminary Assessment and Site Screening Inspection with a status indicated as lower priority. The TRIS listing indicates that a release of 1,1,1-TCA occurred at the site.

California Alabama Pipe Company, 5335 Southern Avenue. This site is located approximately one-quarter mile to the south of the Subject Property and is listed on the CERCLIS and SCL databases. The SCL listing indicates a referral to another agency and the CERCLIS listing indicates that no further remedial action is planned.

South Gate Tire, 9511 Atlantic Avenue. This site is located approximately one-quarter mile to the southwest of the Subject Property and is listed on the LUST database. The Vista report indicates that one or more underground storage tanks leaked diesel and a remedial action plan has been implemented.

ARCO Service Station, 4861 Firestone Avenue. This site is located approximately one-third mile to the west of the Subject Property and is listed on the LUST and CORTESE databases. The Vista report indicates that one or more underground storage tank(s) leaked gasoline and that a preliminary assessment has been implemented.

EKI reviewed the RWQCB file for this site. Groundwater monitoring results for the fourth quarter of 1995 indicate the presence of total petroleum hydrocarbons as gasoline at up to 140 ug/l and benzene at 22 to 66 ug/l (ARCO Monitoring and Status Report for the Fourth Quarter 1995 by Brown and Caldwell, dated 5 December 1995). Groundwater elevations have been measured at the site from at least August 1992 to October 1995. The predominate direction of groundwater flow has been to the southwest although a few monitoring events indicate flow to the south or southeast.

CALTRANS-South Gate No.1, Firestone Boulevard at 710 Freeway. This site is located approximately one-third mile to the east of the Subject Property and is listed on the SWLF. The Vista report indicates that the type of waste disposed as "not reported." Also, the potential for a threat to groundwater is indicated to be "not reported."

EKI requested to review the RWQCB file for this site but none was found. The site may be a construction debris burial site from construction of the 710 Freeway.

M. Stephens Manufacturing, 4839 Patata Street. This site is located approximately one-third mile to the east of the Subject Property and is listed on the LUST database. The Vista report indicates that one or more underground storage tank(s) leaked gasoline and that site cleanup is complete, the case is closed.

W.A. Woods Industries, Inc., 10120 West Frontage Road. This site is located approximately one-half mile to the southeast of the Subject Property and is listed on the LUST and CORTESE databases. The Vista report indicates that one or more underground storage tank(s) leaked diesel to soil and that a preliminary assessment has been implemented.

Blaser Truck Company, 8332 Wilcox Avenue. This site is located approximately one-half mile to the north of the Subject Property and is listed on the LUST and CORTESE databases. The Vista report indicates that one or more underground storage tank(s) leaked diesel and that no action has been taken.

International Window Corporation, 5625 Firestone Boulevard. This site is located approximately one-half mile to the east of the Subject Property and is listed on the LUST and CORTESE databases. The Vista report indicates that one or more underground

storage tank(s) leaked an unspecified material(s) and that groundwater has been affected. The listing indicates that a contamination assessment has been implemented.

EKI reviewed the RWQCB file for this site. In a report by Miller Brooks Environmental, Inc. dated 9 August 1994, it is reported that diesel and gasoline are present in soil and groundwater. Floating product is present on groundwater. Miller Brooks concludes that the site has been impacted by releases from the ARCO Vinvale Terminal and tank farm located north of the property. On this basis, they have recommended that no further investigation or remediation be performed by International Window Corporation. Only two groundwater monitoring wells are present at this site and both have floating hydrocarbon product, therefore, no groundwater gradient data are available.

The ARCO Vinvale Terminal did not appear on the Vista report (it may be just beyond Vista's one-half mile radius limit for some databases). According to the Miller Brooks report, the consultant for ARCO (Montgomery Watson) reported in November 1993, that free product was present in six product recovery wells. Although the type of product is not mentioned, the product is likely to be the gasoline and/or diesel as detected at the International Windows site.

Pozas Bros. Trucking Company, 9833 Adella Avenue. This site is located approximately one-half mile to the south of the Subject Property and is listed on the LUST database. The Vista report indicates that one or more underground storage tank(s) leaked gasoline to soil and that a contamination assessment has been implemented.

EKI reviewed the RWQCB file for this site. A report dated 6 December 1995 by State Environmental Management, Inc., indicates that elevated concentrations of gasoline and diesel and related constituents have been detected in soil. Gasoline has been detected at 1.3 to 1,200 mg/kg and diesel has been detected at 6.1 to 2,900 mg/kg. Benzene has been detected at a high of 9.1 mg/kg. State Environmental has recommended that soil remediation be performed. No groundwater investigations have been completed or are proposed.

Guardian Chemicals, Inc., 9845 Miller Way. This site is located approximately three-quarters of a mile to the southeast of the Subject Property and is listed on the CORRACTS database as a site with medium priority to be investigated for the need to complete RCRA corrective actions. The listing indicates that a RCRA Facility Assessment has not been performed.

Generator Exchange Company, Inc., 8600 Rheem Avenue. This site is located approximately nine-tenths of a mile to the west of the Subject Property and is listed on the CORRACTS database as a site that needs no further corrective action at this time.

5.0 INFORMATION FROM SITE VISIT AND INTERVIEWS

On 10 April 1996, EKI conducted a walk-through inspection of the Subject Property and Firestone Property. Mr. Steven Miller of EKI conducted the walk-through with Mr. John Marshman, Vice President and General Manager of the Jervis B. Webb Company of California. Mr. Marshman indicated that he had been with Webb since 1985. No one else was present at the site during the walk-through because Webb had already ceased operations.

EKI's observations from the 10 April 1996 site visit are presented in this section. These observations are supplemented by descriptions of the tank closure and general site cleanup work completed during October and November 1996.

The locations of the features observed during the site walk-through are shown on Figure 2, using the letter shown in brackets in the descriptions below (e.g., "[B]" is a stormwater manhole).

5.1 Observations of the Subject Property

This section summarizes EKI's observation of site conditions at 9301 Rayo Avenue.

Outside Areas

Outside the entrance to the building (southeast end) is an asphalt parking area with planter areas. It appears that water, sewer, and electrical services for the Subject Property enter the property from Rayo Avenue.

The southwest side of the site is asphalt covered and bounded partly by a hedge and partly by a 6 foot high fence. Mr. Marshman indicated that an area near the rear of the building was used for scrap steel storage [A]. Minor indications of paint staining was observed in this area. A stormwater manhole and cover (elevated above the asphalt level) was observed along this side of the building [B]. No equipment or other materials were observed in front of or on the southwest side of the building.

At the rear of the building is the roof-covered open bay which was formerly use for raw materials storage. The area is asphalt and concrete covered. A railroad spur enters the area from the Firestone Property. According to Mr. Marshman, the spur is not currently useable as it has been disconnected from the main railroad line. No equipment or other materials were observed at the rear of the building.

The southeast side of building is asphalt covered and was formerly an equipment storage area. At approximately mid-building is the location of a former conveyor that carried parts to be painted [C] and a former paint storage area [D]. The equipment and materials related to the conveyor and paint storage area have been removed from the site. Some relatively small areas of paint staining are visible in this area. Some miscellaneous debris is

scattered in this area including wood, cardboard, plastic, and other materials. This material was removed in October 1996 and disposed at an appropriate off-site facility.

Two power poles with transformers (three transformers each numbered 37½ on one pole and one transformer numbered 75 on the second pole) are present at the southeast corner of the property [E1 and E2]. In a telephone conversation between Mr. Eulos Miller of Southern California Edison and Mr. Steven Miller of EKI on 29 April 1996, Mr. Eulos Miller indicated that Southern California Edison does not have records concerning whether theses transformers have been tested for PCBs.

Along Rayo Avenue are the locations of two groundwater monitoring wells (MW-4 [F1] and MW-5 [F2]) installed in connection with the investigation of the former Dial facility.

It appears that the site is gently sloped to drain to the perimeter of the property.

Inside Areas

The building consists of three bays with the middle bay constructed first in 1953. The middle and eastern bays have a vertical clearance of roughly 20 feet. Several large roof vents are present over these bays. The western bay has a lower overhead clearance. Originally, more than half of the western bay was used for offices; most recently only the front one-quarter was used for offices. An air conditioning unit was present on the roof over the office area.

The inside of the building was cleared of all equipment and materials. Several overhead cranes, ranging from one to five ton capacity, were also present in the building.

The floor of the building is concrete and was observed to be generally clean except for several relatively small areas of moderate to heavy oil staining which appear to be at the locations of former machining equipment. These stains ranged in size from roughly 1 foot diameter to as much as a 10 feet by 10 feet. A heavily oil-stained concrete equipment vault (roughly two feet deep) is present at the location of the former rolling machine [G]. Areas of moderate to heavy oil staining were scrubbed and pressure washed during restoration activities conducted at the site from 17 October 1996 through 8 November 1996.

An unlined concrete electrical conduit and piping trench [H] (approximately 2 feet wide and 2 feet deep) passes length-wise through the building from the southeast end (facing Rayo Ave.) and extending approximately 200 feet to the northwest. The base of the trench was observed to be aggregate rock over soil. In one portion of the trench heavy oil staining was observed. Analytical results for one soil sample indicated high concentrations of petroleum hydrocarbons in trench soil. Approximately a two feet thickness of oil stained soil was excavated from the trench on 18 November 1996. The removed soil was sampled, analyzed and found to contain four VOCs; 1,1-DCA at 52 ug/kg, 1,1,1-TCA at 300 ug/kg, benzene at 5 ug/kg, and toluene at 12 ug/kg. Three soil samples were collected from the trench after soil removal and no VOCs were detected in these samples.

Some oil stained soil was left in place under the adjacent concrete slab. Refer to EKI's Utility Trench Soil Removal and Sampling Results report dated 15 January 1997, attached in Appendix C.

A 36-inch diameter, steel manhole-covered sump [I] was located on the floor of the eastern bay of the building. This structure consisted of a four feet deep steel-lined pit with an unlined, gravel bottom. This structure was closed pursuant to LACDPW requirements under LACDPW Closure Permit No. 175812. Analytical results indicated an elevated concentration of lead in one sample of the soil collected from the base of the structure. Closure activities consisted of removal of the structure and excavation of soil beneath the structure to approximately 13 feet, with a small area to 18 feet, below ground surface. This area was backfilled, compacted and resurfaced with concrete. Refer to EKI's Report of Closure of Two Tanks dated 10 December 1996 and the LACDPW tank closure approval letter of 17 December 1996 in Appendices D and E, respectively.

The areas indicated in the Bechtel report to have been used for temporary waste paint storage [J] and waste oil storage [K] were clear of all materials and had only minor floor staining.

In the former spray paint booth area [L], all above floor equipment were removed from the area (except for part of the air vent pipes in the wall). In 1987, Webb changed the type of painting system used in the former paint booth area. Before 1987, a wet painting system was used. Overspray from painting of parts fell onto water in the below ground concrete structure. This water/paint mixture was periodically pumped out and transported off-site to an appropriate facility for disposal. In 1987, a dry electrostatic painting system using filters was installed. Air in the paint booth was drawn through filters, which had been installed in the below ground structure, before being discharged outside of the building in accordance with a permit from the SCAQMD. Mr. Marshman indicated that he understood that the below ground concrete sump was constructed by forming and pouring the concrete in place.

The below ground concrete tank (approximately 12 x 24 feet and 3 feet deep) was located in the former paint booth area. An approximately one-inch diameter pipe line was observed to be entering the structure in two places near the top of the wall. This pipe appeared to be a water line to the structure. The surface of the below ground structure appeared to be covered with paint and dirt. This structure was closed pursuant to Los Angeles County Department of Public Works requirements under LACDPW Closure Permit No. 175812. The structure was triple-rinse cleaned on 18 October 1996 and the sump was subsequently broken-out and removed on 18 and 19 November 1996. Analytical results indicated that soil samples collected from beneath the structure were not impacted by petroleum hydrocarbons, volatile organic compounds or metals. This area was backfilled, compacted and resurfaced with concrete. Refer to EKI's Report of Closure of Two Tanks attached in Appendix D for information related to closure of this structure, soil sampling and analytical results. The LACDPW closure approval letter for the sump is the same letter as for the pit mentioned above and in Appendix E.

The backfill placed at both structure locations was compacted and tested. Wastes and wash water generated during tank closure and general site cleanup activities were contained waste disposed at appropriate off-site facilities. The backfill compaction report and waste disposal documents are enclosed in Appendix F.

Mr. Marshman indicated that Webb used cleaning solvents (such as the 1,1,1-TCA and the product purchased from Safety Kleen) on wipe rags to clean metal parts before painting. He indicated that Webb operations did not include use of degreasing equipment such as a dip tank or vapor degreaser. Mr. Marshman also indicated that parts cleaning operations at the site did not include steam cleaning or sand blasting. Mr. Marshman indicated that the quantity of solvent on hand at the site typically did not exceed one 55-gallon drum. The cleaning operation primarily occurred in the area just south of the former spray paint booth.

5.2 Observations of Adjacent Properties

The Firestone Property was acquired by Webb in the 1960s. Blake Rivet manufactured aircraft rivets at this location through the 1970s. Webb has since used the property primarily for storage. Currently, the property is vacant and has been cleared of all equipment and materials. Blake Rivet had metal machining operations and an above ground anodizing operation. Wastewater from this operation was collected in floor trenches and discharged to a clarifier, which is still present and located at the southeast corner of the building, before discharge to the sewer. The sanitary sewer pipeline(s) from this parcel appear to pass through the Subject property to Rayo Avenue. EKI observed indications, such as floor patches and vent pipes, that there may be or have been below ground structures, such as equipment vaults, in the building of the Firestone Property.

Along the east and northeast property lines, two businesses were observed. Just east of the Subject Property is a minivan taxi service operated by Laidlaw at 5040 Firestone Boulevard. The property appears to used for dispatch and maintenance of the minivans. Many minivans and other passenger vehicles were parked on this property. A compressor, one drum and some miscellaneous materials were observed at the back of the Laidlaw site. Mr. Marshman indicated that vehicles from the Laidlaw site were allowed to pass through the Subject Property to access the Laidlaw site from Rayo Avenue. An opening, used for this purpose, was observed in the fence between the properties.

To the east and southeast of the Laidlaw site and adjacent to the southeast corner of the Rayo site, is a property currently occupied by Piazza Trucking. The site address is 9001 Rayo Avenue. The site appears to be used for maintenance and storage operations of a trucking company. Mr. Marshman indicated that the site was previously occupied by a plastics molding company. Salvaging operations were observed in the Piazza Tucking Company's yard. Salvaging operations included cutting and dismantling of steel chassis and salvaged vehicle frames using an acetylene torch.

Along the west and southwest side of the Subject Property are two Union Pacific Railroad tracks and right of way. Beyond the tracks are two metal recycling companies, MacLeod Metals, Inc. and Firma, Inc., and a concrete company called United Concrete.

Beyond Firestone Boulevard to the north are several commercial and industrial businesses. Across Rayo Street to the southeast is the Dial property; the structures on this site have been demolished and removed.

5.3 Indications of Potential Asbestos Containing Materials and Lead Based Paint

EKI did not survey the Subject Property specifically for asbestos containing materials ("ACM") or lead based paint. However, inasmuch as ACM is commonly found in industrial buildings and it is known that some lead based paints were used at the facility, it is possible that these materials are present.

6.0 SUMMARY OF FINDINGS

The major findings of the environmental site assessment performed by EKI are as follows (the letters shown in "[ ]" refer to specific locations shown on Figure 2):

Findings at Subject Property

1. Webb has manufactured conveyor systems at the site since the mid-1950s. Operations at the site have included metal fabrication, painting and assembly. Currently the property is vacant and has been cleared of all equipment and materials.

2. The use of hazardous materials at the site included primarily paints, solvents, and oils. Paints used at the site have historically included lead and chromium based paints. Solvents used have primarily been petroleum distillates used for paint thinner and to clean metal parts before painting. 1,1,1-TCA was used to clean metals parts prior to the mid-1980s. The quantity of solvent on hand was reported to typically not exceed one 55-gallon drum. Parts cleaning was performed by use of wipe rags. Cutting and cooling oils and hydraulic oils were used in connection with machining operations at the site. Relatively minor quantities of other chemicals were also used at the facility.

3. Along the southeast side of the building [C and D] are areas formerly used for paint storage and for a conveyor that carried parts to be painted. Some relatively minor paint stains were observed in this area and miscellaneous debris was observed in this area during the site walk-through. At the northwest side of the building, where scrap metal had been stored, a minor area of paint staining was observed [A].

4. The floor of the building was observed to be relatively clean except for several small areas of moderate to heavy oil stains that appear to be associated with former machine locations. A heavily oil stained concrete equipment vault is present at the location of the former rolling machine [G]. Some oil staining was observed along the edge of the electrical utility trench that has an aggregate rock bottom [H]. Oil stained concrete floor areas and lined machine trenches were scrubbed and pressure washed during general site cleanup activities.

5. A 36-inch diameter, steel manhole-covered sump was located on the floor of the eastern bay of the building [I]. This structure consisted of an approximately four feet deep steel-lined pit with an unlined, gravel bottom. This structure was closed pursuant LACDPW requirements under LACDPW Closure Permit No. 175812. Analytical results indicated an elevated concentration of lead in one sample of soil collected from the base of the structure. Closure activities consisted of removal of the structure and excavation of soil beneath the structure to approximately 13 feet, with a small area excavated to 18 feet, below floor surface. Confirmation soil samples were collected, analyzed and were reported to have no detectable VOCs and metals were not elevated. The area was backfilled, compacted and resurfaced with concrete. The LACDPW approved closure of the structure in a letter dated 17 December 1996.

6. The areas previously used for temporary storage of drums of waste paint and waste oil had only minor floor staining [J and K].

7. A below grade concrete tank [L] (approximately 12 x 24 feet and 3 feet deep) was located in the former paint booth area. Prior to 1987, the structure was used to contain water that collected overspray paint from a wet painting operation. The paint and water waste was periodically removed an disposed at an off-site facility. This structure was closed pursuant to LACDPW requirements under LACDPW Closure Permit No. 175812. Analytical results indicated that soil samples collected from beneath the structure were not impacted by petroleum hydrocarbons, VOCs or metals. The structure was triple-rinse cleaned on 18 October 1996 and the sump was subsequently broken-out and removed on 18 and 19 November 1996. The area was backfilled, compacted and resurfaced with concrete. The LACDPW approved closure of the structure in a letter dated 17 December 1996.

8. An unlined electrical conduit and piping trench (approximately 2 feet wide and 2 feet deep) extends from the southeast end (facing Rayo Ave.) of the facility building approximately 200 feet toward the northwest. In one portion of the trench heavy oil staining was observed. Approximately a two feet thickness of oil stained soil was excavated from the trench on 18 November 1996. The removed soil was sampled, analyzed and found to contain four VOCs; 1,1-DCA at 52 ug/kg, 1,1,1-TCA at 300 ug/kg, benzene at 5 ug/kg, and toluene at 12 ug/kg. Three soil samples were collected from the trench after soil removal and no VOCs were detected in these samples. Some oil stained soil was left in place under the adjacent concrete slab.

Other Findings

1. The Firestone Property was acquired by Webb in the 1960s. Blake Rivet manufactured aircraft rivets at this location through the 1970s. Webb has since used the property primarily for storage. Currently, the property is vacant and has been cleared of all equipment and materials. Blake Rivet had an above ground anodizing operation. Wastewater from this operation was collected in floor trenches and discharged to a clarifier located at the southeast corner of the building, before discharge to the sewer. The sanitary sewer pipeline(s) from this parcel appear to pass through the Subject property to Rayo Avenue. EKI observed indications that there may have been below ground concrete structures, such as equipment vaults, in the building of the Firestone Property.

2. The Subject Property is located in an industrial area with known groundwater contamination. At least 21 properties within a one mile radius have had or are suspected of having had a release of a hazardous substance according to a Vista report of regulatory database lists.

3. Two groundwater monitoring wells are located along Rayo Avenue, essentially adjacent to the Webb property. Data from the Dial site indicates these wells may have

been sampled only once, in 1992. Groundwater from one of these wells [F1], located in the street near the north driveway entrance to the Subject Property, was found to have TCE at 28 ug/L and 1,2-DCA at 0.6 ug/L. Groundwater from the second well [F2], located just south of the railroad tracks along the west side of Rayo Avenue, was found to have TCE at 1,400 ug/L. The depth to groundwater in these wells has ranged from approximately 45 to 55 feet below ground surface. These wells were installed as part of an investigation of the former Dial facility across Rayo Avenue from the Webb property.

The direction of groundwater flow at the Dial site and other nearby sites is generally toward the south with some variation to the southeast and to the southwest; however, Bechtel has reported that the direction of flow in the upper aquifers is to the north-northwest.

4. The U.S. EPA has conducted a Preliminary Assessment/Site Inspection of the Subject Property and Firestone Property and several other industrial properties in the area. These assessments have apparently been conducted as a consequence of the discovery of PCE and TCE contamination of deep aquifers at several City of South Gate wells located approximately one-quarter to one-half mile southwest and southeast of the Subject Property. One industrial property, the Cooper Drum site, has been recommended for listing on the National Priorities List by the U.S. EPA. This site is located approximately one-eighth mile southwest of the Subject Property.

5. On the basis of Bechtel's report of its Preliminary Assessment/Site Inspection of the Subject Property and Firestone Property, the U.S. EPA has recommended that an Expanded Site Inspection ("ESI") be performed but has indicated that because the site is a lower priority such an inspection may never occur. Since Webb has recently conducted subsurface investigations and remediation which address the Bechtel report's concerns, and which demonstrate only minor impacts to shallow soil, Webb has submitted the data to the U.S. EPA and requested that U.S. EPA remove the site from the CERCLIS list. U.S.EPA has agreed to review these data and consider deleting the site.

7.0 REFERENCES

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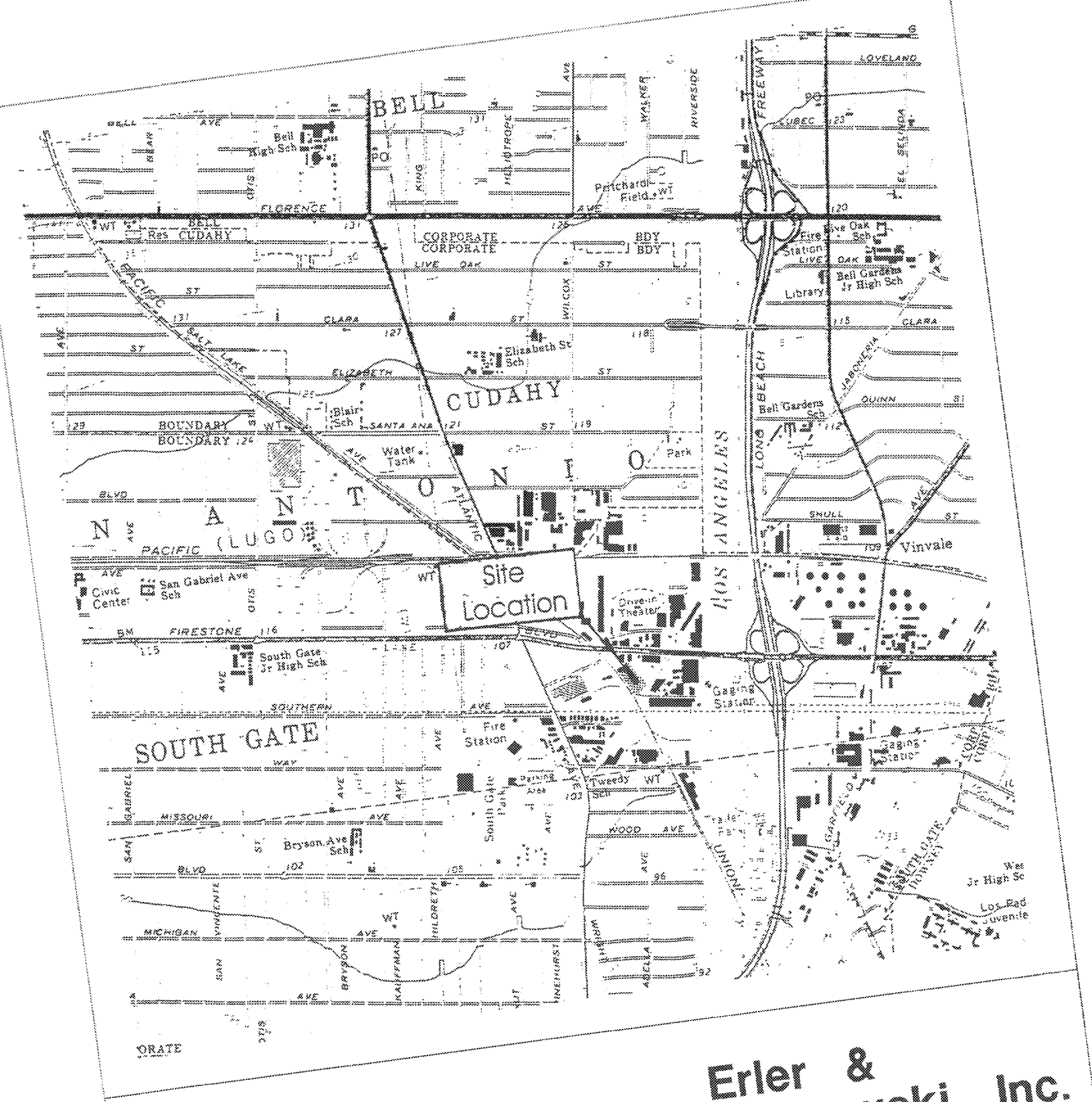


N

0 2,000 4,000

(Approximate Scale in Feet)

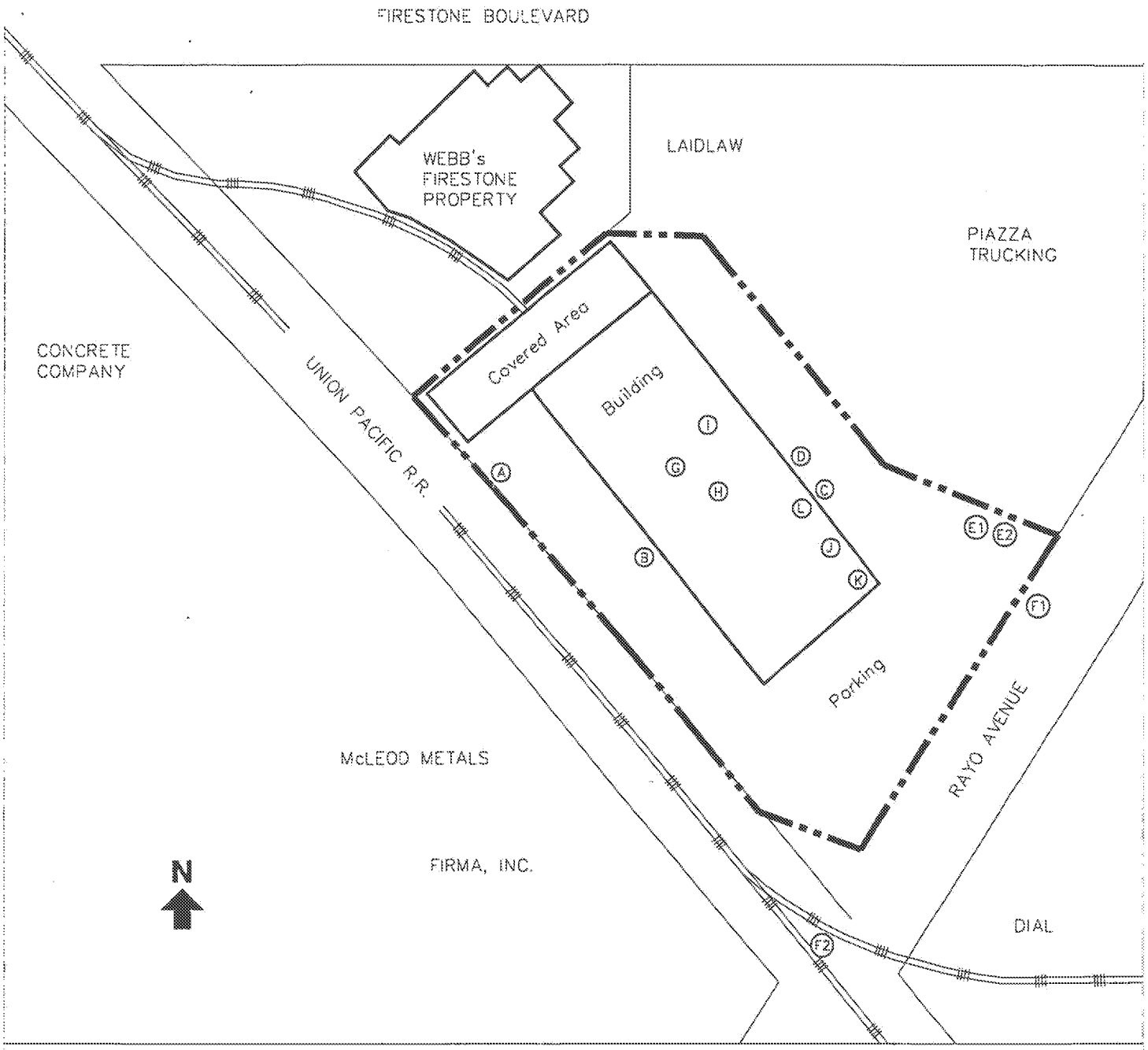
Source: U.S.G.S 7.5 Minute Series "South Gate" Quadrangle, 1964, photorevised 1981.

Erler & Kalinowski, Inc.

Site Location Map –
Webb Facility, South Gate

J.B. Webb Co.
South Gate, CA
January 1997
EKI 961025.00

Figure



0 125 250
(Approximate Scale in Feet)

LEGEND

- PROPERTY LINE/BOUNDARY
- BUILDING
- RAILROAD SPUR
- Ⓐ LOCATION DESIGNATION CITED IN SECTION 5 OF THE REPORT

Erler & Kalinowski, Inc.

Site Features – Webb Facility
9301 Rayo Avenue, South Gate

J.B. Webb Co.
South Gate, CA
January 1997
EKI 961025.00

Figure 2

SITE ASSESSMENT PLUS REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: JERVIS B WEBB JERVIS B WEBB CO 9301 RAYO AVE SOUTH GATE, CA 90280 Cross Street: FIRESTONE Latitude/Longitude: (33.950067, 118.176686)	STEVE MILLER ERLER KALINOWSKI-SANTA MONIC 2951 28TH ST STE 1020 SANTA MONICA, CA 90405

Site Distribution Summary

Agency / Database - Type of Records			within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
A) Databases searched to 1 mile:						
US EPA	NPL	National Priority List	0	1	0	0
US EPA	CORRACTS	RCRA Corrective Actions	0	0	0	2
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	0
STATE	SPL	State equivalent priority list	0	0	0	0
B) Databases searched to 1/2 mile:						
US EPA	CERCLIS	Sites under review by US EPA	4	3	1	-
STATE	SCL	State equivalent CERCLIS list	0	1	1	-
STATE REG CO	LUST	Leaking Underground Storage Tanks	3	0	7	-
STATE/ REG/CO	SWLF	Permitted as solid waste landfills, incinerators, or transfer stations	1	0	2	-
STATE	DEED RSTR	Sites with deed restrictions	0	0	0	-
STATE	CORTESE	State index of properties with hazardous waste	1	1	4	-
STATE	TOXIC PITS	Toxic Pits cleanup facilities	0	0	0	-
C) Databases searched to 1/4 mile:						
US EPA	RCRA Viol	RCRA violations/enforcement actions	0	0	-	-
US EPA	TRIS	Toxic Release Inventory database	1	2	-	-
STATE	UST/AST	Registered underground or aboveground storage tanks	5	5	-	-
COUNTY	UNIQUE CO	Unique county databases	0	1	-	-
D) Databases searched to 1/8 mile:						
US EPA	ERNS	Emergency Response Notification System of spills	1	-	-	-
US EPA	GNRTR	RCRA registered small or large generators of hazardous waste	11	-	-	-

This geographic database search meets the American Society for Testing Materials (ASTM) standards for a government records review. A (-) indicates the search distance exceeds ASTM search parameters.

LIMITATION OF LIABILITY
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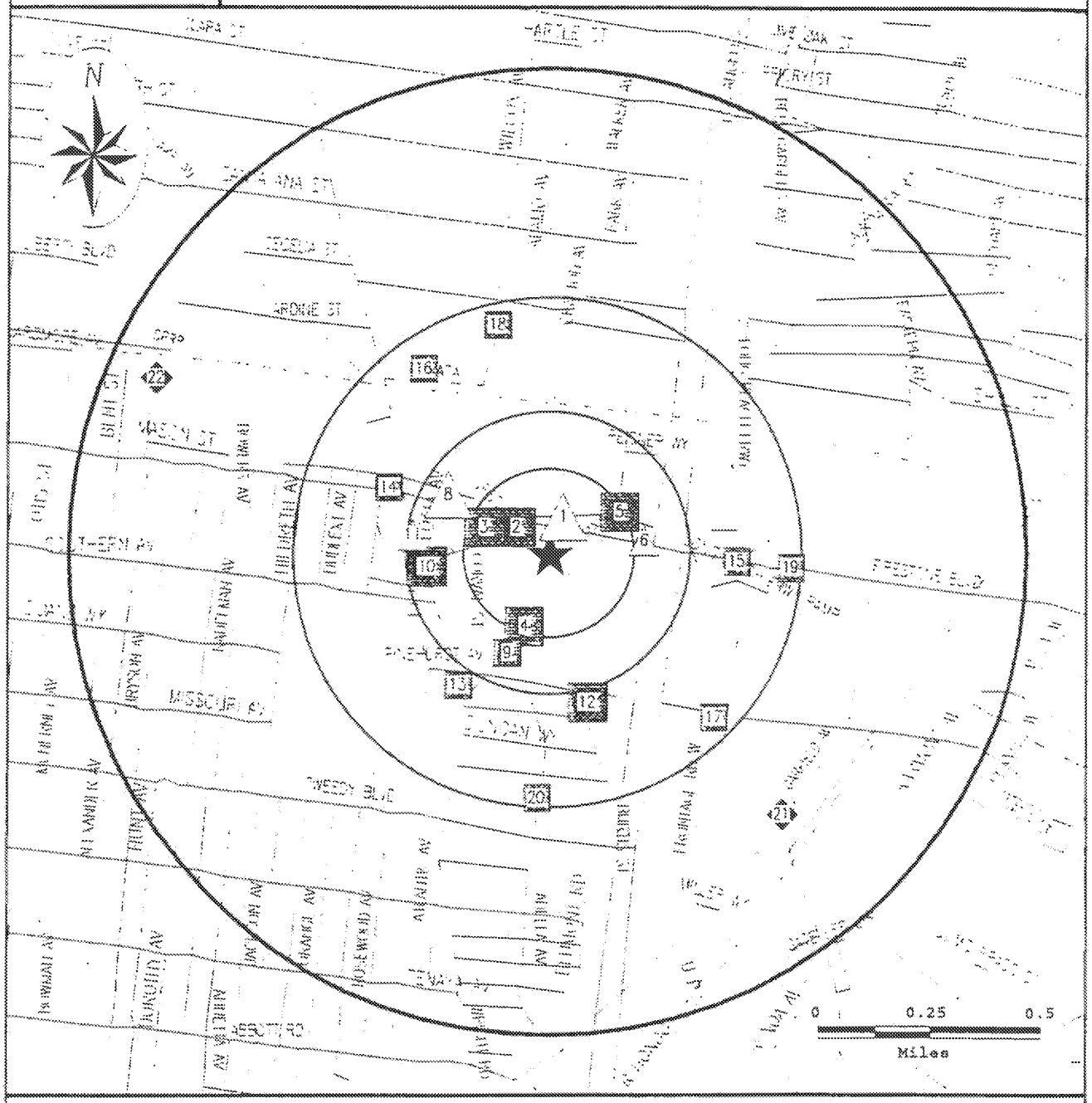
NOTES

SITE ASSESSMENT PLUS REPORT

Map of Sites within One Mile



Subject Site	Category: Databases Searched to:	A 1 mi.	B 1/2 mi.	C 1/4 mi.	D 1/8 mi.
★	Single Sites	◆	■	△	–
	Multiple Sites	◆	■	△	–
Roads Highways Railroads Rivers or Water Bodies Utilities		NPL, SPL, TSD, CORRACTS	CERCLIS, SCL, LUST, SWLF	TRIS, UST	ERNS, GENERATORS

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D

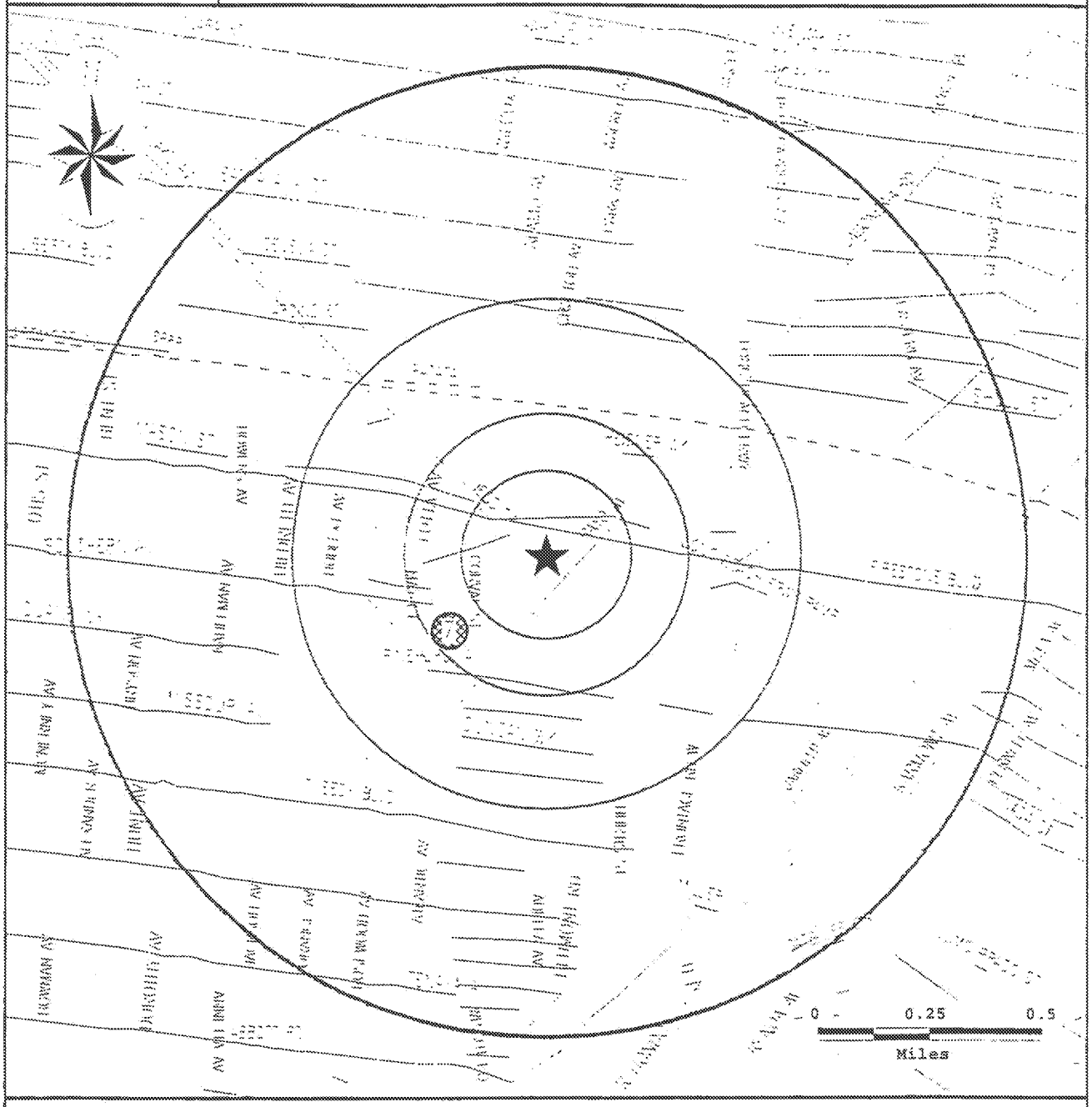
For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403

Report ID: **101149-001**

Date of Report: **April 3, 1996**

SITE ASSESSMENT PLUS REPORT

Sites Represented as Radius Buffers



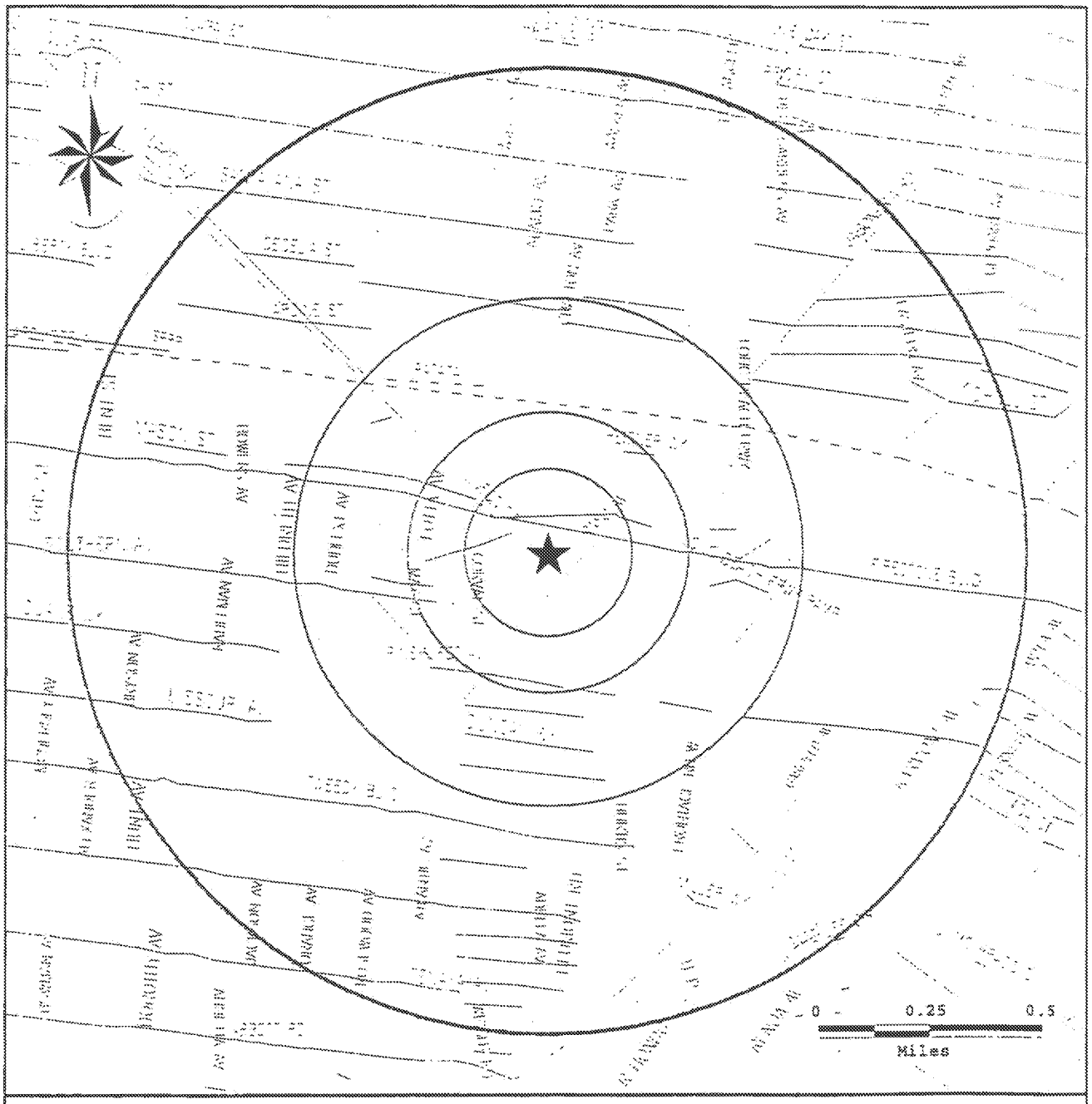
These radii are estimated from agency records or detailed street maps. The radii may be based on the furthest boundary of each property or study area from its center. For more information contact the agency referenced by source number in the site listing.

★ Subject Site

Roads
Highways
Railroads
Rivers or Water Bodies
Utilities

SITE ASSESSMENT PLUS REPORT

Street Map



Subject Site ★

Roads, Highways, Rivers, Water Bodies

Railroads, Utilities

SITE ASSESSMENT PLUS REPORT

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A				B							C				D	
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
1A	ARNCO 5141 FIRESTONE PL SOUTH GATE, CA 90280	269551 <0.01 MI NE													X				X
1B	GATEWAY BUSINESS FORMS 5101 FIRESTONE PL SOUTH GATE, CA 90280	165818 0.03 MI N																	X
1C	ARNCO 5141 FIRESTONE PLACE SOUTH GATE, CA 90280	200159930 0.04 MI NE																X	
2A	BLAKE RIVET CO 5030 FIRESTONE BLVD SOUTH GATE, CA 90280	50233 0.02 MI NW																	X
2B	RICHARD RAMEY 4998 BRANYON SOUTH GATE, CA 90280	4020756 0.04 MI W														X			
2B	BLACKBURN TRUCK LINES 4998 BRANYON AVE SOUTH GATE, CA 90280	49630 0.04 MI W																	X
2C	WESTLING ROGER INK CO. 5001 B. FIRESTONE SOUTH GATE, CA 90280	4061367 0.04 MI NW					X												
2C	DSL TRANSPORTATION SERVICE 5011 FIRESTONE PL SOUTH GATE, CA 90280	128406 0.04 MI NW																	X
3A	SPANN'S GEAR AND MACHINE CO 4977 BRANYON AVE SOUTH GATE, CA 90280	392667 0.07 MI W																	X
3B	UNITED READY MIX CONCRETE 4988 FIRESTONE SOUTH GATE, CA 90280	1219816 0.09 MI NW														X			
3B	CULWELL BROTHERS INC 4973 E FIRESTONE BLVD SOUTH GATE, CA 90280	108822 0.11 MI NW														X			X
3C	MCLEOD METALS 8980 KENDALL AVE. SOUTH GATE, CA 90280	1585692 0.10 MI W							X										
4	JERVIS B. WEBB CO. 9301 RAYO AVE. SOUTH GATE, CA 90280	462602 0.11 MI SW					X												X
4	MACLEAD METALS CO 9309 RAYO AVE SOUTH GATE, CA 90280	5357439 0.11 MI SW										X							

X = search criteria; • = tag-along (beyond search criteria).
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SITE ASSESSMENT PLUS REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
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US EPA	NPL	National Priority List	0	1	0	0
US EPA	CORRACTS	RCRA Corrective Actions	0	0	0	2
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	0
STATE	SPL	State equivalent priority list	0	0	0	0
B) Databases searched to 1/2 mile:						
US EPA	CERCLIS	Sites under review by US EPA	4	3	1	-
STATE	SCL	State equivalent CERCLIS list	0	1	1	-
STATE REG CO	LUST	Leaking Underground Storage Tanks	3	0	7	-
STATE/ REG/CO	SWLF	Permitted as solid waste landfills, incinerators, or transfer stations	1	0	2	-
STATE	DEED RSTR	Sites with deed restrictions	0	0	0	-
STATE	CORTESE	State index of properties with hazardous waste	1	1	4	-
STATE	TOXIC PITS	Toxic Pits cleanup facilities	0	0	0	-
C) Databases searched to 1/4 mile:						
US EPA	RCRA Viol	RCRA violations/enforcement actions	0	0	-	-
US EPA	TRIS	Toxic Release Inventory database	1	2	-	-
STATE	UST/AST	Registered underground or aboveground storage tanks	5	5	-	-
COUNTY	UNIQUE CO	Unique county databases	0	1	-	-
D) Databases searched to 1/8 mile:						
US EPA	ERNS	Emergency Response Notification System of spills	1	-	-	-
US EPA	GNRTR	RCRA registered small or large generators of hazardous waste	11	-	-	-

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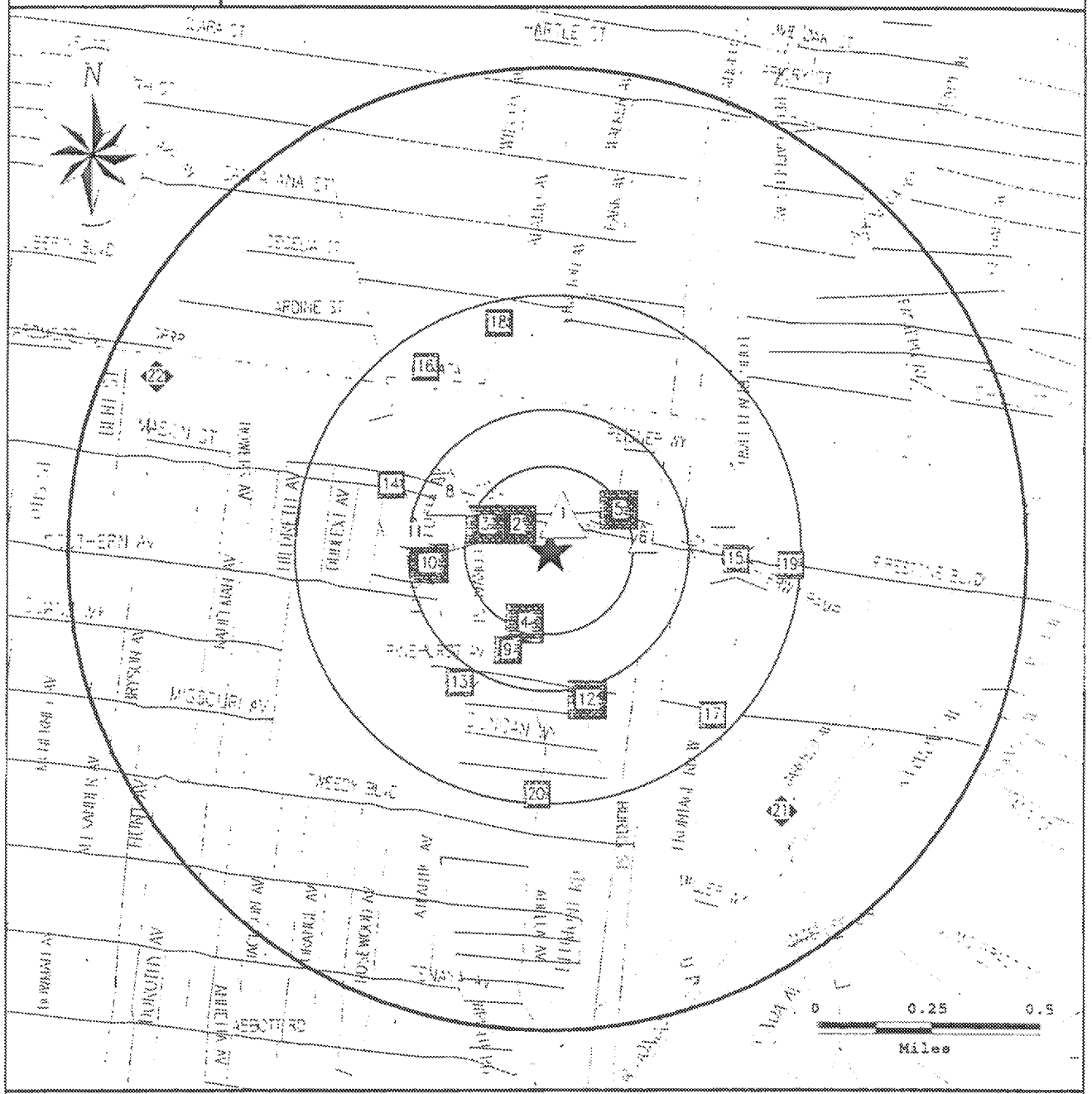
NOTES

SITE ASSESSMENT PLUS REPORT

Map of Sites within One Mile



Subject Site	Category: Databases Searched to:	A 1 mi.	B 1/2 mi.	C 1/4 mi.	D 1/8 mi.
★	Single Sites	◆	■	△	–
	Multiple Sites	◆	■	△	–
Roads Highways Railroads Rivers or Water Bodies Utilities		NPL, SPL, TSD, CORRACTS	CERCLIS, SCL, LUST, SWLF	TRIS, UST	ERNS, GENERATORS

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D

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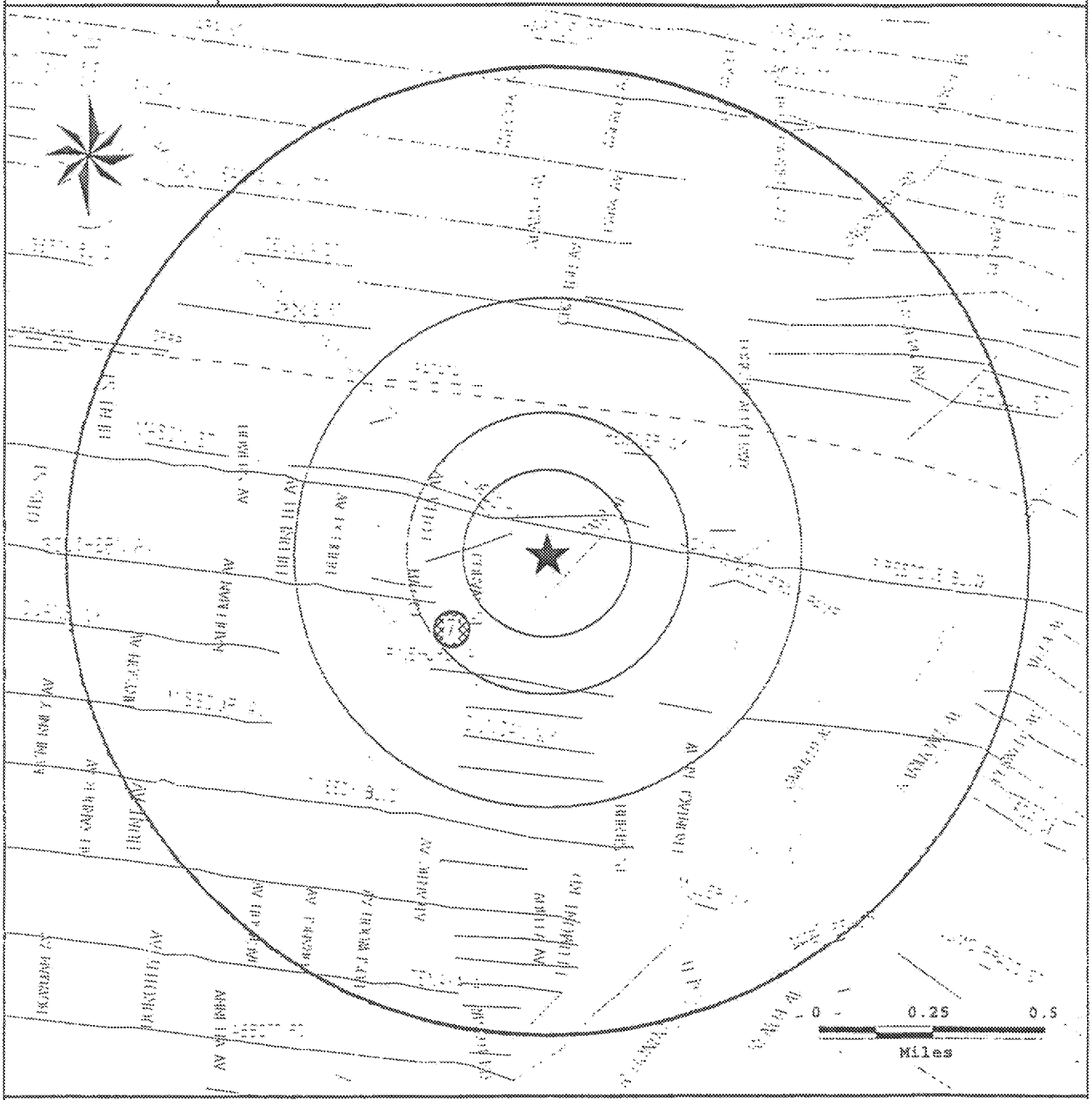
SITE ASSESSMENT PLUS REPORT

Sites Represented as Radius Buffers



These radii are estimated from agency records or detailed street maps. The radii may be based on the furthest boundary of each property or study area from its center. For more information contact the agency referenced by source number in the site listing.

Subject Site

Roads
Highways
Railroads
Rivers or Water Bodies
Utilities

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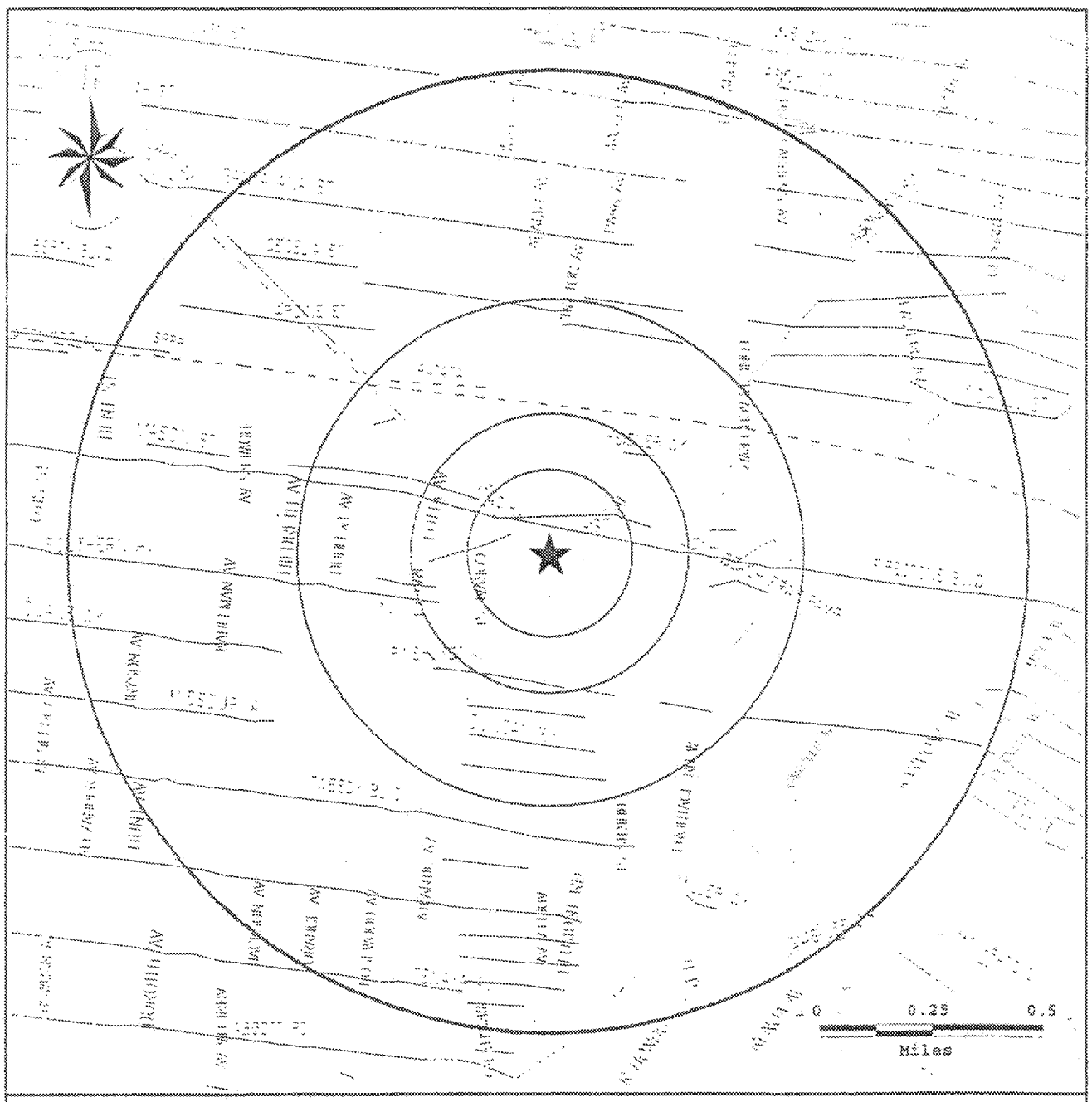
Report ID: 101149-001

Date of Report: April 3, 1996

SITE ASSESSMENT PLUS REPORT

Street Map



Subject Site

Roads, Highways, Rivers, Water Bodies

Railroads, Utilities

SITE ASSESSMENT PLUS REPORT

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID / DISTANCE / DIRECTION	A			B							C				D	
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
1A	ARNCO 5141 FIRESTONE PL SOUTH GATE, CA 90280	28955 <0.01 MI NE													X				X
1B	GATEWAY BUSINESS FORMS 5101 FIRESTONE PL SOUTH GATE, CA 90280	185818 0.03 MI N																	X
1C	ARNCO 5141 FIRESTONE PLACE SOUTH GATE, CA 90280	200159930 0.04 MI NE																X	
2A	BLAKE RIVET CO 5030 FIRESTONE BLVD SOUTH GATE, CA 90280	50233 0.02 MI NW																	X
2B	RICHARD RAMEY 4998 BRANYON SOUTH GATE, CA 90280	4020756 0.04 MI W														X			
2B	BLACKBURN TRUCK LINES 4998 BRANYON AVE SOUTH GATE, CA 90280	49830 0.04 MI W																	X
2C	WESTLING ROGER INK CO. 5001 B FIRESTONE SOUTH GATE, CA 90280	4061367 0.04 MI NW					X												
2C	DSL TRANSPORTATION SERVICE 5011 FIRESTONE PL SOUTH GATE, CA 90280	128406 0.04 MI NW																	X
3A	SPANN'S GEAR AND MACHINE CO 4977 BRANYON AVE SOUTH GATE, CA 90280	392667 0.07 MI W																	X
3B	UNITED READY MIX CONCRETE 4988 FIRESTONE SOUTH GATE, CA 90280	1219816 0.09 MI NW														X			
3B	CULWELL BROTHERS INC 4973 E FIRESTONE BLVD SOUTH GATE, CA 90280	108822 0.11 MI NW														X			X
3C	MCLEOD METALS 8980 KENDALL AVE. SOUTH GATE, CA 90280	1585692 0.10 MI W							X										
4	JERVIS B WEBB CO. 9301 RAYO AVE. SOUTH GATE, CA 90280	462602 0.11 MI SW					X												X
4	MACLEAD METALS CO 9309 RAYO AVE SOUTH GATE, CA 90280	5357439 0.11 MI SW										X							

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MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID / DISTANCE / DIRECTION	A				B							C				D	
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
4	MACLEOD METALS COMPANY 9309 RAYO AVENUE SOUTH GATE, CA 90280	1237160 0.11 MI SW					X		X							X			
4	PUREX RUBBISH DISPOSAL COMPANY 9300 S. RAYNO AVE. SOUTH GATE, CA 90280	1185216 0.11 MI S								X									
4	PUREX CORP 9300 RAYO AVE SOUTH GATE, CA 90280	342464 0.11 MI S																	X
5	REISNER METALS 5225 E FIRESTONE PL. SOUTH GATE, CA 90280	350729 0.12 MI NE					X		X							X			X
5	INK MAKERS INC 5225 FIRESTONE PL STE G SOUTH GATE, CA 90280	4866333 0.12 MI NE																	X

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID / DISTANCE / DIRECTION	A				B							C				D	
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
6	SHULTZ STEEL COMPANY 5321 FIRESTONE BLVD SOUTH GATE, CA 90280	380683 0.15 MI E													X	X			•
7	COOPER DRUM 9316 ATLANTIC AVE SOUTH GATE, CA 90280	5351701 0.17 MI SW										X							
7	COOPER DRUM CO 9316 ATLANTIC AVE SOUTH GATE, CA 90280	101493 0.17 MI SW	X				X	X								X			•
8A	MONDO'S SHOW CHROME/TEDESCO 04933 FIRESTONE BL , CA 90280	1584881 0.17 MI NW															X		
8B	ED LOHR 4951 MASON SOUTH GATE, CA 90280	4034968 0.21 MI NW														X			
9	W.R. GRACE CO. 9430 RAYO SOUTH GATE, CA 90280	4223000 0.18 MI SW					X												
10	KUSTOM FIT 8990 ATLANTIC SOUTH GATE, CA 90280	4019101 0.20 MI W														X			
10	KUSTOM FIT HI-TECH SEATING PRODUCTS, 8990 ATLANTIC AVE. SOUTH GATE, CA 90280	4222365 0.20 MI W					X												
10	KUSTOM FIT MFG CO 8990 ATLANTIC SOUTH GATE, CA 90280	233680 0.21 MI W													X				•

X = search criteria; • = tag-along (beyond search criteria).
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID / DISTANCE / DIRECTION	A				B							C				D	
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
11	JJ FORKELIFT SERVICE 8955 S ATLANTIC SOUTH GATE, CA 90280	4019100 0.24 MI W														X			

MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID / DISTANCE / DIRECTION	A				B							C				D	
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
12	CALIFORNIA ALABAMA PIPE CO 5335 SOUTHERN AVE SOUTH GATE, CA 90280	64842 0.25 MI S					X	X											
12	SALT LAKE TRANSFER STATION 9599 SALT LAKE AVENUE SOUTH GATE, CA 90280	2748553 0.30 MI S								X									
13	SOUTH GATE TIRE 9511 ATLANTIC AVE S SOUTH GATE, CA 90280	5708304 0.29 MI SW							X										
14	ARCO S.S. #1289 4861 FIRESTONE BLVD., E. SOUTH GATE, CA 90280	3766807 0.32 MI W							X			X				•			
15	CALTRANS-SOUTHGATE NO.1 FIRESTONE BLVD LONG BEACH FW SOUTHGATE, CA	5440210 0.35 MI E								X									
16	M STEPHENS MANUFACTURING 4839 PATATA ST BELL, CA 90201	5771318 0.43 MI NW							X										
17	WOODS, W.A., INDUSTRIES, INC. 10120 W. FRONTAGE ROAD SOUTH GATE, CA 90280	474892 0.45 MI SE							X			X				•			•
18	BLASER TRUCK CO. 8332 WILCOX AVENUE SOUTH GATE, CA 90280	580555 0.45 MI N							X			X							
19	INTERNATIONAL WINDOW CORP. 5625 E. FIRESTONE BLVD. SOUTH GATE, CA 90280	1260238 0.47 MI E							X			X				•			
20	POZAS BROS TRUCKING CO. 9833 ADELLA AVE SOUTH GATE, CA 90280	12305.48 0.48 MI S							X							•			

MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID / DISTANCE / DIRECTION	A				B							C				D	
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
21	GUARDSMAN CHEMICALS INC 9845 MILLER WAY SOUTH GATE, CA 90280	182718 0.71 MI SE		X					•			•		•	•	•			•

X = search criteria; • = tag-along (beyond search criteria).
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID / DISTANCE / DIRECTION	A				B							C				D	
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
22	GENERATOR EXCHANGE CO INC 8600 RHEEM AVE SOUTH GATE, CA 90280	5182688 0.89 MI W		X															•

X = search criteria; • = tag-along (beyond search criteria).
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UNMAPPED SITES	A				B							C				D	
VISTA ID	NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
No Records Found																	

SITE ASSESSMENT PLUS REPORT

DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

VISTA Address*	ARNCO 5141 FIRESTONE PL SOUTH GATE, CA 90280	VISTA ID#:	26955	Map ID
		Distance/Direction:	<0.01 MI / NE	1A
		Plotted as:	Point	

RCRA-LgGen - RCRA-Large Generator / SRC# 2685 — EPA ID: CAD059795468

Agency Address: *SAME AS ABOVE*

Generator Class: *GENERATORS WHO GENERATE AT LEAST 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG./MONTH OF ACUTELY HAZARDOUS WASTE.*

TRIS - Toxic Release Inventory System / SRC# 2587 — EPA ID: CAD059795468

Agency Address: *ARNCO 5141 FIRESTONE PL. SOUTH GATE, CA 90280*

Chemical Abstract Service Registry:	Quantity Released:
TOLUENEDIISOCYANATE (MIXED ISOMERS)	*255.00 (POUNDS)*

VISTA Address*:	GATEWAY BUSINESS FORMS 5101 FIRESTONE PL SOUTH GATE, CA 90280	VISTA ID#:	165818	Map ID
		Distance/Direction:	0.03 MI / N	1B
		Plotted as:	Point	

RCRA-SmGen - RCRA-Small Generator / SRC# 2685 — EPA ID: CAD981642143

Agency Address: *SAME AS ABOVE*

Generator Class: *GENERATORS WHO GENERATE 100 KG./MONTH BUT LESS THAN 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE*

VISTA Address*:	ARNCO 5141 FIRESTONE PLACE SOUTH GATE, CA 90280	VISTA ID#:	200159930	Map ID
		Distance/Direction:	0.04 MI / NE	1C
		Plotted as:	Point	

ERNS - Emergency Response Notification System / SRC# 2255 — EPA/Agency ID: N/A

Agency Address: *ARNCO 5141 FIRESTONE PLACE SOUTH GATE, CA*

Spill Date Time: *JUNE 17, 1988 08:30:00 AM*

Spill Location: *5141 FIRESTONE PLACE*

Discharger Org: *ARNCO*

Material Spilled: *TOLUENE DIISOYANATE, 15.00 (GAL)*

Waterway Affected: *SOIL*

Fields Not Reported: *Case Number, Source Agency, Discharger Name, Discharger Phone*

Air Release:	Land Release:	Water Release:	Ground Release:	Facility Release:	Other Release:
NO	*YES*	*NO*	*NO*	*NO*	*NO*

VISTA Address*:	BLAKE RIVET CO 5030 FIRESTONE BLVD SOUTH GATE, CA 90280	VISTA ID#:	50233	Map ID
		Distance/Direction:	0.02 MI / NW	2A
		Plotted as:	Point	

RCRA-LgGen - RCRA-Large Generator / SRC# 2685 — EPA ID: CAD063798995

Agency Address: *SAME AS ABOVE*

Generator Class: *GENERATORS WHO GENERATE AT LEAST 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG./MONTH OF ACUTELY HAZARDOUS WASTE.*

VISTA Address*	RICHARD RAMEY 4998 BRANYON SOUTH GATE, CA 90280	VISTA ID#:	4020756	Map ID
		Distance/Direction:	0.04 MI / W	2B
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 1612 — EPA/Agency ID: N/A

Agency Address: *RICHARD RAMEY 4998 BRANYON SOUTH GATE, CA*
Underground Tanks: *NOT REPORTED*
Aboveground Tanks: *NOT REPORTED*
Tanks Removed: *NOT REPORTED*

Tank ID:	*1U*	Tank Status:	*NOT AVAILABLE*
Tank Contents:	*NOT REPORTED*	Leak Monitoring:	*UNKNOWN*
Tank Age:	*NOT REPORTED*	Tank Piping:	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	Tank Material:	*NOT AVAILABLE*

VISTA Address*	BLACKBURN TRUCK LINES 4998 BRANYON AVE SOUTH GATE, CA 90280	VISTA ID#:	49630	Map ID
		Distance/Direction:	0.04 MI / W	2B
		Plotted as:	Point	

RCRA-LgGen - RCRA-Large Generator / SRC# 2685 — EPA ID: CAD981443633

Agency Address: *SAME AS ABOVE*
Generator Class: *GENERATORS WHO GENERATE AT LEAST 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG./MONTH OF ACUTELY HAZARDOUS WASTE.*

VISTA Address*:	WESTLING ROGER INK CO. 5001 B. FIRESTONE SOUTH GATE, CA 90280	VISTA ID#:	4061367	Map ID
		Distance/Direction:	0.04 MI / NW	2C
		Plotted as:	Point	

CERCLIS / SRC# 2738 — EPA ID: CAD983667908

Agency Address: *SAME AS ABOVE*
NPL Status: *NOT A PROPOSED, CURRENT, OR DELETED NPL SITE*
Site Ownership: *PRIVATE/NON-GOVERNMENTAL*
Lead Agency: *NOT AVAILABLE*
Site Description: *NOT REPORTED*

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	*EPA FUND-FINANCED*	*UNKNOWN*	*NOT REPORTED*	*MAY 14, 1993*
PRELIMINARY ASSESSMENT	*EPA FUND-FINANCED*	*NO FURTER REMEDIAL ACTION PLANNED*	*NOT REPORTED*	*JUNE 13, 1995*

VISTA Address*:	DSL TRANSPORTATION SERVICE 5011 FIRESTONE PL SOUTH GATE, CA 90280	VISTA ID#:	128406	Map ID
		Distance/Direction:	0.04 MI / NW	2C
		Plotted as:	Point	

RCRA-SmGen - RCRA-Small Generator / SRC# 2685 — EPA ID: CAD982350472

Agency Address: *SAME AS ABOVE*
Generator Class: *GENERATORS WHO GENERATE 100 KG./MONTH BUT LESS THAN 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE*

VISTA Address*:	SPANN'S GEAR AND MACHINE CO 4977 BRANYON AVE SOUTH GATE, CA 90280	VISTA ID#:	392667	Map ID
		Distance/Direction:	0.07 MI / W	3A
		Plotted as:	Point	

RCRA-SmGen - RCRA-Small Generator / SRC# 2685 — EPA ID: CAD981443690

Agency Address: *SAME AS ABOVE*
Generator Class: *GENERATORS WHO GENERATE 100 KG./MONTH BUT LESS THAN 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE*

VISTA Address*	UNITED READY MIX CONCRETE 4988 FIRESTONE SOUTH GATE, CA 90280	VISTA ID#:	1219816	Map ID
		Distance/Direction:	0.09 MI / NW	3B
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A	

Agency Address:	UNITED READY MIX CONCRETE 4988 FIRESTONE SOUTH GATE, CA
Underground Tanks:	1
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	1U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN

VISTA Address*:	CULWELL BROTHERS INC 4973 E FIRESTONE BLVD SOUTH GATE, CA 90280	VISTA ID#:	108822	Map ID
		Distance/Direction:	0.11 MI / NW	3B
		Plotted as:	Point	
RCRA-LgGen - RCRA-Large Generator / SRC# 2685		EPA ID:	CAD981982408	

Agency Address:	SAME AS ABOVE
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A

Agency Address:	CULLWELL BROS 4973 E FIRESTONE SOUTH GATE, CA
Underground Tanks:	NOT REPORTED
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

VISTA Address*:	MCLEOD METALS 8980 KENDALL AVE. SOUTH GATE, CA 90280	VISTA ID#:	1585692	Map ID
		Distance/Direction:	0.10 MI / W	3C
		Plotted as:	Point	
STATE LUST - State Leaking Underground Storage Tank / SRC# 2733		Agency ID:	012491-34	

Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Media Affected:	UNKNOWN
Substance:	UNLEADED GAS
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820	Agency ID:	012491-34

Agency Address:	MCLEOD METALS 8980 KENDALL AVE SOUTH GATE, CA 90280
Tank Status:	NOT AVAILABLE
Discovery Date:	JANUARY 15, 1991
Media Affected:	UNKNOWN
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units), Leak Source

VISTA Address*:	JERVIS B. WEBB CO. 9301 RAYO AVE. SOUTH GATE, CA 90280	VISTA ID#: 462602 Distance/Direction: 0.11 MI / SW Plotted as: Point	Map ID 4

CERCLIS / SRC# 2738	EPA ID:	CAD008339467

Agency Address:	SAME AS ABOVE
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE
Site Ownership:	PRIVATE/NON-GOVERNMENTAL
Lead Agency:	NOT AVAILABLE
Site Description:	NOT REPORTED

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	MAY 14, 1993
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	HIGHER PRIORITY	NOT REPORTED	SEPTEMBER 30, 1994
SCREENING SITE INSPECTION	EPA FUND-FINANCED	LOWER PRIORITY	JULY 7, 1994	SEPTEMBER 30, 1994

RCRA-LgGen - RCRA-Large Generator / SRC# 2685	EPA ID:	CAD008339467

Agency Address:	WEBB, JERVIS B CO OF CALIFORNIA 9301 SO. RAYO SOUTH GATE, CA 90280
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.

VISTA Address*:	MACLEAD METALS CO 9309 RAYO AVE SOUTH GATE, CA 90280	VISTA ID#: 5357439 Distance/Direction: 0.11 MI / SW Plotted as: Point	Map ID 4

CORTESE / SRC# 2298	EPA/Agency ID:	N/A

Agency Address:	MACLEAD METALS CO 9309 RAYO AVE SOUTH GATE, CA 902800000
List Name:	LEAKING TANK
Site ID:	INV-ID19-011511

VISTA Address*	MACLEOD METALS COMPANY 9309 RAYO AVENUE SOUTH GATE, CA 90280	VISTA ID#:	1237160	Map ID
		Distance/Direction:	0.11 MI / SW	4
		Plotted as:	Point	

CERCLIS / SRC# 2738 — EPA ID: CAD983667916

Agency Address:	SAME AS ABOVE
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE
Site Ownership:	PRIVATE/NON-GOVERNMENTAL
Lead Agency:	NOT AVAILABLE
Site Description:	NOT REPORTED

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	MAY 14, 1993
PPELIMINARY ASSESSMENT	EPA FUND-FINANCED	NO FURTER REMEDIAL ACTION PLANNED	NOT REPORTED	JUNE 23, 1995

STATE LUST - State Leaking Underground Storage Tank / SRC# 2733 — Agency ID: 101890-6

Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	PRELIMINARY ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820 — Agency ID: 101890-08

Agency Address:	MACLEAD METALS CO 9309 RAYO AVE SOUTH GATE, CA 90280
Tank Status:	NOT AVAILABLE
Discovery Date:	JULY 16, 1990
Media Affected:	SOIL/SAND/LAND
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	PRELIMINARY ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units), Leak Source

STATE UST - State Underground Storage Tank / SRC# 1612 — EPA/Agency ID: N/A

Agency Address:	MACLEOD METALS CO 9309 RAYO SOUTH GATE, CA 90280
Underground Tanks:	2
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	1U	Tank Status:	CLOSED REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	6000 (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	2U	Tank Status:	CLOSED REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	6000 (GALLONS)	Tank Material:	UNKNOWN

VISTA Address*	PUREX RUBBISH DISPOSAL COMPANY 9300 S. RAYNO AVE. SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	1185216 0.11 MI / S Point	Map ID 4

STATE SWLF - Solid Waste Landfill / SRC# 2783	Agency ID:	19-AA-5196

Agency Address:	*PUREX RUBBISH DISPOSAL COMPANY 9300 S. RAYNO AVE. SOUTH GATE, CA*
Facility Type:	*SANITARY LANDFILL/LANDFILL*
Facility Status:	*INACTIVE/CLOSED*
Facility Life:	*NOT REPORTED*
Permit Status:	*NOT AVAILABLE*
Waste:	*NOT REPORTED*

WMUDS / SRC# 2463	Agency ID:	4 190343NUR

Agency Address:	*PUREX COMPANY 9300 SOUTH RAYNO AVENUE SOUTHGATE, CA*
Solid Waste Inventory System ID:	*NOT REPORTED*
Facility Type:	*Not reported*
Facility In State Board Waste Discharger System:	*NO*
Chapter 15 Facility:	*NO*
Solid Waste Assessment Test Facility:	*YES*
Toxic Pits Cleanup Act Facility:	*NO*
RCRA Facility:	*NO*
Department of Defense Facility:	*NO*
Open To Public:	*NO*
Number Of Waste Management Units:	*1*
Threat To Water:	*Not reported*
Complexity:	*Not reported*
Facilty Status:	*Not reported*
Waste 1 (Nature/Type):	*NOT REPORTED*
Waste 2 (Nature/Type):	*NOT REPORTED*
Rank:	*12*
Enforcements At Facility:	*NO*
Violations At Facility:	*NO*

VISTA Address*:	PUREX CORP 9300 RAYO AVE SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	342464 0.11 MI / S Point	Map ID 4

RCRA-LgGen - RCRA-Large Generator / SRC# 2685	EPA ID:	CAD008295669

Agency Address:	*SAME AS ABOVE*
Generator Class:	*GENERATORS WHO GENERATE AT LEAST 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG./MONTH OF ACUTELY HAZARDOUS WASTE*

VISTA Address*	REISNER METALS 5225 E. FIRESTONE PL. SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	350729 0.12 MI / NE Point	Map ID 5

CERCLIS / SRC# 2738	EPA ID:	CAD008384307

Agency Address:	*SAME AS ABOVE*
NPL Status:	*NOT A PROPOSED, CURRENT, OR DELETED NPL SITE*
Site Ownership:	*PRIVATE/NON-GOVERNMENTAL*
Lead Agency:	*NOT AVAILABLE*
Site Description:	*NOT REPORTED*

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	MAY 14, 1993
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	LOWER PRIORITY	NOT REPORTED	JULY 17, 1995
SCREENING SITE INSPECTION	EPA FUND-FINANCED	LOWER PRIORITY	FEBRUARY 1, 1995	JULY 17, 1995

RCRA-LgGen - RCRA-Large Generator / SRC# 2685 | EPA ID: CAD008384307

Agency Address: REISNER METALS INC
5225 FIRESTONE PLACE
SOUTH GATE, CA 90280

Generator Class: GENERATORS WHO GENERATE AT LEAST 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG./MONTH OF ACUTELY HAZARDOUS WASTE.

STATE LUST - State Leaking Underground Storage Tank / SRC# 2733 | Agency ID: 031990-16

Agency Address: REISNER METALS INC
5225 FIRESTONE PLACE
SOUTH GATE, CA 90280

Tank Status: NOT AVAILABLE
Media Affected: SOIL/SAND/LAND
Substance: WASTE OIL
Leak Cause: UNAVAILABLE
Remedial Action: NOT AVAILABLE
Remedial Status 1: REM ACTION PLAN
Remedial Status 2: NOT AVAILABLE
Fields Not Reported: Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820 | Agency ID: I-14134

Agency Address: REINSER METALS INC
5225 FIRESTONE PL E
SOUTH GATE, CA 90280

Tank Status: NOT AVAILABLE
Discovery Date: MARCH 6, 1990
Media Affected: SOIL/SAND/LAND
Substance: WASTE OIL
Leak Cause: UNAVAILABLE
Remedial Action: NOT AVAILABLE
Remedial Status 1: REM ACTION PLAN
Remedial Status 2: NOT AVAILABLE
Fields Not Reported: Quantity (Units), Leak Source

STATE UST - State Underground Storage Tank / SRC# 1612 | EPA/Agency ID: N/A

Agency Address: REISNER METALS INC
5225 FIRESTONE
SOUTH GATE, CA

Underground Tanks: NOT REPORTED
Aboveground Tanks: NOT REPORTED
Tanks Removed: NOT REPORTED

Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	INK MAKERS INC 5225 FIRESTONE PL STE G SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	4866333 0.12 MI / NE Point	Map ID 5

RCRA-SmGen - RCRA-Small Generator / SRC# 2685 — EPA ID: CA0000036277

Agency Address: *SAME AS ABOVE*

Generator Class: *GENERATORS WHO GENERATE 100 KG./MONTH BUT LESS THAN 1000 KG./MONTH OF NON-ACUTELY HAZARDOUS WASTE*

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA Address*:	SHULTZ STEEL COMPANY 5321 FIRESTONE BLVD SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	380683 0.15 MI / E Point	Map ID 6

STATE UST - State Underground Storage Tank / SRC# 1612 — EPA/Agency ID: N/A

Agency Address: *SHULTZ STEEL COMPANY*
5321 FIRESTONE
SOUTH GATE, CA 90280

Underground Tanks: *2*

Aboveground Tanks: *NOT REPORTED*

Tanks Removed: *NOT REPORTED*

Tank ID:	*1U*	Tank Status:	*CLOSED REMOVED*
Tank Contents:	*OIL(NOT SPECIFIED)*	Leak Monitoring:	*UNKNOWN*
Tank Age:	*NOT REPORTED*	Tank Piping:	*UNKNOWN*
Tank Size (Units):	*2500 (GALLONS)*	Tank Material:	*BARE STEEL*
Tank ID:	*2U*	Tank Status:	*CLOSED REMOVED*
Tank Contents:	*DIESEL*	Leak Monitoring:	*UNKNOWN*
Tank Age:	*NOT REPORTED*	Tank Piping:	*UNKNOWN*
Tank Size (Units):	*10000 (GALLONS)*	Tank Material:	*BARE STEEL*

TRIS - Toxic Release Inventory System / SRC# 2587 — EPA ID: CAD981396856

Agency Address: *SHULTZ STEEL CO.*
5321 FIRESTONE BLVD.
SOUTH GATE, CA 902803699

Chemical Abstract Service Registry:	Quantity Released:
CHROMIUM	*19.00 (POUNDS)*
COPPER	*NOT REPORTED (POUNDS)*
NICKEL	*19.00 (POUNDS)*

VISTA Address*:	COOPER DRUM 9316 ATLANTIC AVE SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	5351701 0.17 MI / SW Radius	Map ID 7

CORTESE / SRC# 2298 — EPA/Agency ID: N/A

Agency Address: *COOPER DRUM*
9316 ATLANTIC AVE
SOUTH GATE, CA 902800000

List Name: *CALSITE*

Site ID: *INV-ID19-029462*

VISTA Address*:	COOPER DRUM CO 9316 ATLANTIC AVE SOUTH GATE, CA 90280	VISTA ID#:	101493	Map ID
		Distance/Direction:	0.17 MI / SW	7
		Plotted as:	Radius	

NPL - National Priority List / SRC# 2640 — EPA ID: CAD055753370

Agency Address: *SAME AS ABOVE*
NPL Status: *PROPOSED FOR NPL*
Site Ownership: *PRIVATE/NON-GOVERNMENTAL*
Lead Agency: *NOT AVAILABLE*
Site Description: *RCRA REGULATED GENERATOR, TREAT STORE DISPOSE FACILITYNEW CERCLIS SITE*

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
COMBINED RI/FS	EPA FUND-FINANCED	UNKNOWN	AUGUST 12, 1993	NOT REPORTED
RECORD OF DECISION	FEDERAL ENFORCEMENT	UNKNOWN	NOT REPORTED	NOT REPORTED
DISCOVERY	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	JANUARY 1, 1988
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	HIGHER PRIORITY	NOT REPORTED	MAY 1, 1988
SCREENING SITE INSPECTION	STATE, FUND FINANCED	HIGHER PRIORITY	NOT REPORTED	MAY 2, 1989
LISTING SITE INSPECTION	EPA FUND-FINANCED	RECOMMENDED FOR HRS SCORING	SEPTEMBER 19, 1989	JULY 2, 1990
PROPOSED FOR NPL	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	FEBRUARY 7, 1992
REMOVAL INVESTIGATION AT NPL SITES	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	OCTOBER 22, 1992

CERCLIS / SRC# 2738 — EPA ID: CAD055753370

Agency Address: *COOPER DRUM CO.*
9316 ATLANTIC AVE
SOUTH GATE, CA 90280
NPL Status: *PROPOSED FOR NPL*
Site Ownership: *PRIVATE/NON-GOVERNMENTAL*
Lead Agency: *NOT AVAILABLE*
Site Description: *RCRA REGULATED GENERATOR, TREAT STORE DISPOSE FACILITYNEW CERCLIS SITE*

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
COMBINED RI/FS	EPA FUND-FINANCED	UNKNOWN	AUGUST 12, 1993	NOT REPORTED
RECORD OF DECISION	FEDERAL ENFORCEMENT	UNKNOWN	NOT REPORTED	NOT REPORTED
DISCOVERY	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	JANUARY 1, 1988
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	HIGHER PRIORITY	NOT REPORTED	MAY 1, 1988

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
SCREENING SITE INSPECTION	STATE, FUND FINANCED	HIGHER PRIORITY	NOT REPORTED	MAY 2, 1989
LISTING SITE INSPECTION	EPA FUND-FINANCED	RECOMMENDED FOR HRS SCORING	SEPTEMBER 19, 1989	JULY 2, 1990
PROPOSED FOR NPL	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	FEBRUARY 7, 1992
REMOVAL INVESTIGATION AT NPL SITES	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	OCTOBER 22, 1992

Regional CERCLIS / SRC# 2462 — EPA ID: CAD055753370

Agency Address: COOPER DRUM CO.
9316 ATLANTIC AVE
SOUTH GATE, CA 90280

Regional Utility Description:
RCRA REGULATED GENERATOR, TREAT STORE DISPOSE FACILITY

Regional CERCLIS / SRC# 2462 — EPA ID: CAD055753370

Agency Address: COOPER DRUM CO.
9316 ATLANTIC AVE
SOUTH GATE, CA 90280

Regional Utility Description:
NEW CERCLIS SITE

SCL - State Equivalent CERCLIS List / SRC# 2825 — Agency ID: 19500052

Agency Address: COOPER DRUM
9316 ATLANTIC AVENUE
SOUTH GATE, CA 90280
Status: PROPOSED FOR NPL
Facility Type: NOT AVAILABLE
Lead Agency: EPA FUND-FINANCED
State Status: REFERRED TO ANOTHER AGENCY
Pollutant 1: OTHER PESTICIDE CONTAINERS, 30 GAL OR MORE
Pollutant 2: PAINT SLUDGE
Pollutant 3: TANK BOTTOM WASTES

STATE UST - State Underground Storage Tank / SRC# 1612 — EPA/Agency ID: N/A

Agency Address: COOPER DRUM CO
9316 S ATLANTIC
SOUTH GATE, CA
Underground Tanks: 13
Aboveground Tanks: NOT REPORTED
Tanks Removed: NOT REPORTED

Tank ID:	1U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	2U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	3U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN

Tank ID:	4U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	5U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	6U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	7U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	8U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	9U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	10U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	11U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	12U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	13U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN

VISTA Address*:	MONDO'S SHOW CHROME/TEDESCO 04933 FIRESTONE BL CA 90280	VISTA ID#:	1584881	Map ID
		Distance/Direction:	0.17 MI / NW	8A
		Plotted as:	Point	
LA Co Site Mtgn - LA County Site Mitigation / SRC# 2683		Agency ID:	91S247	

Agency Address:	SAME AS ABOVE
Waste Name:	POTENTIAL HEAVY META
Media Affected:	NOT REPORTED

* VISTA address includes enhanced city and ZIP.
For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

VISTA Address*:	KUSTOM FIT HI-TECH SEATING PRODUCTS, 8990 ATLANTIC AVE. SOUTH GATE, CA 90280	VISTA ID#:	4222365	Map ID
		Distance/Direction:	0.20 MI / W	10
		Plotted as:	Point	
CERCLIS / SRC# 2738		EPA ID:	CAD983576190	

Agency Address:	*SAME AS ABOVE*
NPL Status:	*NOT A PROPOSED, CURRENT, OR DELETED NPL SITE*
Site Ownership:	*PRIVATE/NON-GOVERNMENTAL*
Lead Agency:	*NOT AVAILABLE*
Site Description:	*NOT REPORTED*

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	*EPA FUND-FINANCED*	*UNKNOWN*	*NOT REPORTED*	*MAY 14, 1993*
PRELIMINARY ASSESSMENT	*EPA FUND-FINANCED*	*HIGHER PRIORITY*	*NOT REPORTED*	*SEPTEMBER 30, 1994*
SCREENING SITE INSPECTION	*EPA FUND-FINANCED*	*LOWER PRIORITY*	*AUGUST 8, 1994*	*SEPTEMBER 30, 1994*

VISTA Address*:	KUSTOM FIT MFG CO 8990 ATLANTIC SOUTH GATE, CA 90280	VISTA ID#:	233680	Map ID
		Distance/Direction:	0.21 MI / W	10
		Plotted as:	Point	
TRIS - Toxic Release Inventory System / SRC# 2587		EPA/Agency ID:	N/A	

Agency Address:	*HI-TECH SEATING PRODS. KUSTOM FIT 8990 S. ATLANTIC AVE. SOUTH GATE, CA 90280*

Chemical Abstract Service Registry:	Quantity Released:
1,1,1-TRICHLOROETHANE	*33339.00 (POUNDS)*

VISTA Address*:	JJ FORKELIFT SERVICE 8955 S ATLANTIC SOUTH GATE, CA 90280	VISTA ID#:	4019100	Map ID
		Distance/Direction:	0.24 MI / W	11
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A	

Agency Address:	*JJ FORKELIFT SERVICE 8955 S ATLANTIC SOUTH GATE, CA*
Underground Tanks:	*3*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*1U*	Tank Status:	*ACTIVE/IN SERVICE*
Tank Contents:	*REPORTED AS "UNKNOWN" BY AGENCY*	Leak Monitoring:	*UNKNOWN*
Tank Age:	*NOT REPORTED*	Tank Piping:	*UNKNOWN*
Tank Size (Units):	*NOT REPORTED (GALLONS)*	Tank Material:	*UNKNOWN*
Tank ID:	*2U*	Tank Status:	*ACTIVE/IN SERVICE*
Tank Contents:	*REPORTED AS "UNKNOWN" BY AGENCY*	Leak Monitoring:	*UNKNOWN*
Tank Age:	*NOT REPORTED*	Tank Piping:	*UNKNOWN*
Tank Size (Units):	*NOT REPORTED (GALLONS)*	Tank Material:	*UNKNOWN*
Tank ID:	*3U*	Tank Status:	*ACTIVE/IN SERVICE*
Tank Contents:	*REPORTED AS "UNKNOWN" BY AGENCY*	Leak Monitoring:	*UNKNOWN*
Tank Age:	*NOT REPORTED*	Tank Piping:	*UNKNOWN*
Tank Size (Units):	*NOT REPORTED (GALLONS)*	Tank Material:	*UNKNOWN*

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA Address*	CALIFORNIA ALABAMA PIPE CO 5335 SOUTHERN AVE SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	64842 0.25 MI / S Point	Map ID 12

CERCLIS / SRC# 2739	EPA ID:	CAD980636302

Agency Address:	*SAME AS ABOVE*
NPL Status:	*NOT A PROPOSED, CURRENT, OR DELETED NPL SITE*
Site Ownership:	*UNKNOWN*
Lead Agency:	*NOT AVAILABLE*
Site Description:	*NOT REPORTED*

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	*EPA FUND-FINANCED*	*UNKNOWN*	*NOT REPORTED*	*JUNE 1, 1981*
PRELIMINARY ASSESSMENT	*STATE, FUND FINANCED*	*NO FURTER REMEDIAL ACTION PLANNED*	*MAY 1, 1984*	*SEPTEMBER 1, 1984*

Regional CERCLIS / SRC# 2462	EPA ID:	CAD980636302

Agency Address:	*SAME AS ABOVE*
Regional Utility Description:	
OTHER: WASTES FROM AIR POLLUTION CONTROL EQUIPMENT	

Regional CERCLIS / SRC# 2462	EPA ID:	CAD980636302

Agency Address:	*SAME AS ABOVE*
Regional Utility Description:	
FACILITY CLOSED	

Regional CERCLIS / SRC# 2462	EPA ID:	CAD980636302

Agency Address:	*SAME AS ABOVE*
Regional Utility Description:	
NOTIS 103(C) SITE	

SCL - State Equivalent CERCLIS List / SRC# 2825	Agency ID:	19350463

Agency Address:	*CALIFORNIA ALABAMA PIPE COMPANY 5335 SOUTHERN AVENUE SOUTH GATE, CA 90280*
Facility Type:	*NOT AVAILABLE*
Lead Agency:	*NOT AVAILABLE*
State Status:	*REFERRED TO ANOTHER AGENCY*
Pollutant 1:	*UNKNOWN*
Pollutant 2:	*UNKNOWN*
Pollutant 3:	*UNKNOWN*
Fields Not Reported:	*Status*

VISTA Address*	SALT LAKE TRANSFER STATION 9599 SALT LAKE AVENUE SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	2748553 0.30 MI / S Point	Map ID 12

STATE SWLF - Solid Waste Landfill / SRC# 2783	Agency ID:	19-AA-0837

Agency Address:	*SALT LAKE TRANSFER STATION 9599 SALT LAKE AVENUE SOUTH GATE, CA*
Facility Type:	*TRANSFER STATION*
Facility Status:	*ACTIVE/OPEN*
Facility Life:	*NOT REPORTED*
Permit Status:	*NOT AVAILABLE*
Waste:	*NOT REPORTED*

STATE SWLF - Solid Waste Landfill / SRC# 2882	Agency ID:	19-AA-0837
Agency Address:	SALT LAKE TRANSFER STATION 9599 SALT LAKE AVENUE SOUTH GATE, CA	
Facility Type:	TRANSFER STATION	
Facility Status:	ACTIVE	
Facility Life:	NOT REPORTED	
Permit Status:	PERMITTED/LICENSED	
Waste:	NOT REPORTED	

County SWLF - County Solid Waste Landfill / SRC# 2167	Agency ID:	19-AA-0837
Agency Address:	SAME AS ABOVE	
Facility Class:	SMALL VOLUME (USUALLY UNDER 50 TONS)	
Facility Type:	TRANSFER STATION	
Public Status:	CLOSED	
Solid Waste Status:	ACTIVE/OPEN	
SWIS Permit Status:	UNDER CONSTRUCTION	

VISTA Address*:	SOUTH GATE TIRE 9511 ATLANTIC AVE S SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	5708304 0.29 MI / SW Point	Map ID 13

STATE LUST - State Leaking Underground Storage Tank / SRC# 2733	Agency ID:	060295-20
Agency Address:	SAME AS ABOVE	
Tank Status:	NOT AVAILABLE	
Media Affected:	SOIL/SAND/LAND	
Substance:	DIESEL	
Leak Cause:	UNAVAILABLE	
Remedial Action:	NOT AVAILABLE	
Remedial Status 1:	REM ACTION PLAN	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source	

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820	Agency ID:	060295-21
Agency Address:	SAME AS ABOVE	
Tank Status:	NOT AVAILABLE	
Discovery Date:	FEBRUARY 22, 1994	
Media Affected:	SOIL/SAND/LAND	
Substance:	DIESEL	
Leak Cause:	UNAVAILABLE	
Remedial Action:	NOT AVAILABLE	
Remedial Status 1:	REM ACTION PLAN	
Remedial Status 2:	NOT AVAILABLE	
Fields Not Reported:	Quantity (Units), Leak Source	

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	ARCO S.S. #1289 4861 FIRESTONE BLVD., E. SOUTH GATE, CA 90280	VISTA ID#:	3766807	Map ID
		Distance/Direction:	0.32 MI / W	14
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 2733	Agency ID:	LA-23654

Agency Address:	*SAME AS ABOVE*
Tank Status:	*NOT AVAILABLE*
Media Affected:	*UNKNOWN*
Substance:	*GASOLINE (UNSPECIFIED)*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*PRELIMINARY ASSESSMENT*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Discovery Date, Quantity (Units), Leak Source*

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820	Agency ID:	I-12054

Agency Address:	*ARCO #1289* *4861 FIRESTONE BLVD E* *SOUTH GATE, CA 90280*
Tank Status:	*NOT AVAILABLE*
Discovery Date:	*MAY 29, 1992*
Media Affected:	*GROUNDWATER*
Substance:	*GASOLINE (UNSPECIFIED)*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*PRELIMINARY ASSESSMENT*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Quantity (Units), Leak Source*

CORTESE / SRC# 2298	EPA/Agency ID:	N/A

Agency Address:	*ARCO #1289* *4861 FIRESTONE BLVD E.* *SOUTH GATE, CA 90280*
List Name:	*LEAKING TANK*
Site ID:	*INV-ID19-003629*

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*	CALTRANS-SOUTHGATE NO.1 FIRESTONE BLVD LONG BEACH FW SOUTHGATE, CA	VISTA ID#: Distance/Direction: Plotted as:	5440210 0.35 MI / E Point	Map ID 15
WMUDS / SRC# 2463		Agency ID:	4 190169NUR	

Agency Address:	*SAME AS ABOVE*
Solid Waste Inventory System ID:	*NOT REPORTED*
Facility Type:	*Not reported*
Facility In State Board Waste Discharger System:	*NO*
Chapter 15 Facility:	*NO*
Solid Waste Assessment Test Facility:	*YES*
Toxic Pits Cleanup Act Facility:	*NO*
RCRA Facility:	*NO*
Department of Defense Facility:	*NO*
Open To Public:	*NO*
Number Of Waste Management Units:	*1*
Threat To Water:	*Not reported*
Complexity:	*Not reported*
Facilty Status:	*Not reported*
Waste 1 (Nature/Type):	*NOT REPORTED*
Waste 2 (Nature/Type):	*NOT REPORTED*
Rank:	*7*
Enforcements At Facility:	*NO*
Violations At Facility:	*NO*

VISTA Address*	M STEPHENS MANUFACTURING 4839 PATATA ST BELL, CA 90201	VISTA ID#: Distance/Direction: Plotted as:	5771318 0.43 MI / NW Point	Map ID 16
Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820		Agency ID:	I-11513	

Agency Address:	*M STEPHENS MANUFACTURING 4839 PATATA ST CUDAHY, CA 90201*
Tank Status:	*NOT AVAILABLE*
Discovery Date:	*AUGUST 10, 1994*
Media Affected:	*SOIL/SAND/LAND*
Substance:	*GASOLINE (UNSPECIFIED)*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*CASE CLOSED/CLEANUP COMPLETE*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Quantity (Units), Leak Source*

VISTA Address*	WOODS, W.A., INDUSTRIES, INC. 10120 W. FRONTAGE ROAD SOUTH GATE, CA 90280	VISTA ID#:	474892	Map ID
		Distance/Direction:	0.45 MI / SE	17
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 2733	Agency ID:	11305

Agency Address:	*SAME AS ABOVE*
Tank Status:	*NOT AVAILABLE*
Media Affected:	*SOIL/SAND/LAND*
Substance:	*DIESEL*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*PRELIMINARY ASSESSMENT*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Discovery Date, Quantity (Units), Leak Source*

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820	Agency ID:	I-11305

Agency Address:	*W. A. WOODS INDUSTRIES, INC.* *10120 FRONTAGE RD W* *SOUTH GATE, CA 90280*
Tank Status:	*NOT AVAILABLE*
Discovery Date:	*SEPTEMBER 15, 1988*
Media Affected:	*SOIL/SAND/LAND*
Substance:	*DIESEL*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*PRELIMINARY ASSESSMENT*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Quantity (Units), Leak Source*

CORTESE / SRC# 2298	EPA/Agency ID:	N/A

Agency Address:	*W. A. WOODS INDUSTRIES INC.* *10120 FRONTAGE RD W.* *SOUTH GATE, CA 90280*
List Name:	*LEAKING TANK*
Site ID:	*INV-ID19-001739*

VISTA Address*	BLASER TRUCK CO. 8332 WILCOX AVENUE SOUTH GATE, CA 90280	VISTA ID#:	550555	Map ID
		Distance/Direction:	0.45 MI / N	18
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 2733	Agency ID:	I-11357-2J

Agency Address:	*SAME AS ABOVE*
Tank Status:	*NOT AVAILABLE*
Media Affected:	*UNKNOWN*
Substance:	*DIESEL*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*NO ACTION TAKEN BY RESPONSIBLE PARTY*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Discovery Date, Quantity (Units), Leak Source*

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820	Agency ID:	I-11357

Agency Address:	BALSSER TRUCKING 8332 WILCOX AVE SOUTH GATE, CA 90280
Tank Status:	NOT AVAILABLE
Discovery Date:	SEPTEMBER 3, 1992
Media Affected:	UNKNOWN
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	NO ACTION TAKEN BY RESPONSIBLE PARTY
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units), Leak Source

CORTESE / SRC# 2298	EPA/Agency ID:	N/A

Agency Address:	BALSSER TRUCKING 8332 WILCOX AVE SOUTH GATE, CA 90280
List Name:	LEAKING TANK
Site ID:	INV-ID19-003753

VISTA Address**	INTERNATIONAL WINDOW CORP. 5625 E. FIRESTONE BLVD. SOUTH GATE, CA 90280	VISTA ID#:	1260238	Map ID
		Distance/Direction:	0.47 MI / E	19
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 2733	Agency ID:	053090-1

Agency Address:	SAME AS ABOVE
Tank Status:	NOT AVAILABLE
Media Affected:	UNKNOWN
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	CONTAMINATION ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Substance, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820	Agency ID:	I-15025

Agency Address:	INTERNATIONAL WINDOW CORP 5625 FIRESTONE BLVD E SOUTH GATE, CA 90280
Tank Status:	NOT AVAILABLE
Discovery Date:	MAY 8, 1990
Media Affected:	GROUNDWATER
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	CONTAMINATION ASSESSMENT
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Substance, Quantity (Units), Leak Source

CORTESE / SRC# 2298	EPA/Agency ID:	N/A

Agency Address:	INTERNATIONAL WINDOW CORP. 5625 FIRESTONE BLVD E. SOUTH GATE, CA 90280
List Name:	LEAKING TANK
Site ID:	INV-ID19-002509

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	POZAS BROS. TRUCKING CO. 9833 ADELLA AVE SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	1230548 0.48 MI / S Point	Map ID 20

STATE LUST - State Leaking Underground Storage Tank / SRC# 2733		Agency ID:	040695-1
Agency Address:	*SAME AS ABOVE*		
Tank Status:	*NOT AVAILABLE*		
Media Affected:	*SOIL/SAND/LAND*		
Substance:	*GASOLINE (UNSPECIFIED)*		
Leak Cause:	*UNAVAILABLE*		
Remedial Action:	*NO ACTION REQUIRED*		
Remedial Status 1:	*LEAK BEING CONFIRMED*		
Remedial Status 2:	*NOT AVAILABLE*		
Fields Not Reported:	*Discovery Date, Quantity (Units), Leak Source*		

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 2820		Agency ID:	I-11588
Agency Address:	*SAME AS ABOVE*		
Tank Status:	*NOT AVAILABLE*		
Discovery Date:	*FEBRUARY 16, 1995*		
Media Affected:	*SOIL/SAND/LAND*		
Substance:	*GASOLINE (UNSPECIFIED)*		
Leak Cause:	*UNAVAILABLE*		
Remedial Action:	*NOT AVAILABLE*		
Remedial Status 1:	*CONTAMINATION ASSESSMENT*		
Remedial Status 2:	*NOT AVAILABLE*		
Fields Not Reported:	*Quantity (Units), Leak Source*		

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

VISTA Address*	GUARDSMAN CHEMICALS INC 9845 MILLER WAY SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	182718 0.71 MI / SE Point	Map ID 21
CORRACTS / SRC# 2685		EPA ID:	CAD000096305	

Agency Address:	*GUARDSMAN CHEMICALS INC 9845 MILLER WAY LOS ANGELES, CA 90280*
Prioritization Status:	*MEDIUM*
RCRA Facility Assessment Completed:	*NO*
Notice of Contamination:	*NO*
Determination of need For a RFI (RCRA Facility Investigation):	*NO*
RFI Imposed:	*NO*
RFI Workplan Notice of Deficiency Issued:	*NO*
RFI Workplan Approved:	*NO*
RFI Report Received:	*NO*
RFI Approved:	*NO*
No Further Corrective Action at this Time:	*NO*
Stabilization Mesaures Evaluation:	*NO*
CMS (Corrective Measure Study) Imposition:	*NO*
CMS Workplan Approved:	*NO*
CMS Report Received:	*NO*
CMS Approved:	*NO*
Date for Remedy Selection (CM Imposed):	*NO*
Corrective Measures Design Approved:	*NO*
Corrective Measures Investigation Workplan Approved:	*NO*
Certification of Remedy Completion:	*NO*
Stabilization Measures Implementation:	*NO*
Stabilization Measures Completed:	*NO*
Corrective Action Process Termination:	*NO*

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

VISTA Address*	GENERATOR EXCHANGE CO INC 8600 RHEEM AVE SOUTH GATE, CA 90280	VISTA ID#: Distance/Direction: Plotted as:	5182688 0.89 MI / W Point	Map ID 22
CORRACTS / SRC# 2685		EPA ID:	CAD008385791	

Agency Address:	*SAME AS ABOVE*
Prioritization Status:	*NOT REPORTED*
RCRA Facility Assessment Completed:	*NO*
Notice of Contamination:	*NO*
Determination of need For a RFI (RCRA Facility Investigation):	*NO*
RFI Imposed:	*NO*
RFI Workplan Notice of Deficiency Issued:	*NO*
RFI Workplan Approved:	*NO*
RFI Report Received:	*NO*
RFI Approved:	*NO*
No Further Corrective Action at this Time:	*YES*
Stabilization Mesaures Evaluation:	*NO*
CMS (Corrective Measure Study) Imposition:	*NO*
CMS Workplan Approved:	*NO*
CMS Report Received:	*NO*
CMS Approved:	*NO*
Date for Remedy Selection (CM Imposed):	*NO*
Corrective Measures Design Approved:	*NO*
Corrective Measures Investigation Workplan Approved:	*NO*
Certification of Remedy Completion:	*NO*
Stabilization Measures Implementation:	*NO*
Stabilization Measures Completed:	*NO*
Corrective Action Process Termination:	*NO*

UNMAPPED SITES

No Records Found

SITE ASSESSMENT PLUS REPORT

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL
SRC#: 2640

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for NPL was September, 1995.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

SPL
SRC#: 2826

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Calsites Database: Annual Workplan Sites was January, 1996.

This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control. Annual Work Plan (AWP) sites and sites where Preliminary Endangerment Assessments are a high priority are included.

CORRACTS
SRC#: 2685

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRA Corrective Action Sites List was October, 1995.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

RCRA-TSD
SRC#: 2685

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRIS was October, 1995.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS
SRC#: 2738

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS was December, 1995.

The CERCLIS List contains sites which are either proposed to or on the National Priorities List(NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activities or events at the site, financial funding information for the events, and unrestricted enforcement activities.

NFRAP SRC#: 2739	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for CERCLIS-NFRAP was December, 1995.** NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.
Cal Cerclis SRC#: 2462	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Ca Cerclis w/Regional Utility Description was June, 1995.** This database is provided by the U.S. Environmental Protection Agency, Region 9. These are regional utility descriptions for California CERCLIS sites.
SCL SRC#: 2825	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Calsites Database: All Sites except Annual Workplan Sites (incl. ASPIS) was January, 1996.** This database is provided by the Department of Toxic Substances Control. These are lower priority than the SPL sites.
SWLF SRC#: 2783	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Los Angeles County Landfills and Transfer Stations was October, 1995.** This database is provided by the Public Health Invesitgations, Hazardous Material Control Program.
SWLF SRC#: 2882	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Ca Solid Waste Information System (SWIS) was March, 1996.** This database is provided by the Integrated Waste Management Board.
LAC-Landfills SRC#: 2167	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Los Angeles County Landfills and Transfer Stations was October, 1994.** This database is provided by the Public Health Invesitgations, Hazardous Material Control Program.
WMUDS SRC#: 2463	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Waste Management Unit Database System (WMUDS) was June, 1995.** This database is provided by the State Water Resources Control Board. This is used for program tracking and inventory of waste management units. This system contains information from the following eight main databases: Facility, Waste Management Unit, SWAT Program Information, SWAT Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA Program Information, RCRA Program Information, and Closure Information.
LUST SRC#: 2733	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Lust Information System (LUSTIS) was December, 1995.** This database is provided by the California Environmental Protection Agency.

LUST RG6 SRC#: 2784	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Region #6-Leaking Underground Storage Tank Listing was December, 1995.** This database is provided by the Regional Water Quality Control Board, Region #6.
LUST RG4 SRC#: 2820	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Region #4-UST Leak List was January, 1996.** This database is provided by the Regional Water Quality Control Board, Region #4.
CORTESE SRC#: 2298	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Cortese List-Hazardous Waste Substance Site List was February, 1995.** This database is provided by the Office of Environmental Protection, Office of Hazardous Materials.
Deed Restrictions SRC#: 1703	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Deed Restriction Properties Report was April, 1994.** This database is provided by the Department of Health Services-Land Use and Air Assessment. These are voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals, or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste".
Toxic Pits SRC#: 2229	VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Summary of Toxic Pits Cleanup Facilities was February, 1995.** This database is provided by the Water Quality Control Board, Division of Loans Grants.

C) DATABASES SEARCHED TO 1/4 MILE

RCRA-Viols/En SRC#: 2685	VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for RCRIS was October, 1995.** The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation storage, transportation, treatment or disposal of hazardous waste. RCRA Violators are facilities which have been cited for RCRA Violations at least once since 1980. RCRA Enforcements are enforcement actions taken against RCRA violators.
UST's SRC#: 1612	VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for Underground Storage Tank Registrations Database was January, 1994.** This database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks.
AST's SRC#: 2824	VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for Aboveground Storage Tank Database was February, 1996.** This database is provided by the State Water Resources Control Board.

LAC-Site Miti. SRC#: 2683	VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for LA County-Site Mitigation Complaint Control Log was October, 1995. This database is provided by the Department of Health Services, LA County Public Health Investigations. These are lower priority than the SPL sites.
TRIS SRC#: 2587	VISTA conducts a database search to identify all sites within 1/4 mile of your property. The agency release date for TRIS was May, 1995. Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as SARA Title III) of 1986 requires the EPA to establish an inventory of Toxic Chemicals emissions from certain facilities(Toxic Release Inventory System). Facilities subject to this reporting are required to complete a Toxic Chemical Release Form(Form R) for specified chemicals.

D) DATABASES SEARCHED TO 1/8 MILE

ERNS SRC#: 2255	VISTA conducts a database search to identify all sites within 1/8 mile of your property. The agency release date for ERNS was March, 1995. The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation. A search of the database records for the period October 1986 through June 1995 revealed the following information regarding reported spills of oil or hazardous substances in the stated area.
RCRA-LgGen SRC#: 2685	VISTA conducts a database search to identify all sites within 1/8 mile of your property. The agency release date for RCRIS was October, 1995. The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).
RCRA-SmGen SRC#: 2685	VISTA conducts a database search to identify all sites within 1/8 mile of your property. The agency release date for RCRIS was October, 1995. The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

End of Report

Cal/EPA

Department of
Toxic Substances
Control

400 P Street,
4th Floor
P.O. Box 806
Sacramento, CA
95812-0806

December 17, 1996

Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Mr. Steve Miller
Erler & Kalinowski Inc.
2951 28th St, Suite 1020
Santa Monica, CA 90405

Dear Mr. Miller:

Thank you for your recent request for information on possible hazardous substance control sites within the Department of Toxic Substances Controls' CalSites Database. A search of our database indicated that we currently do not have the specific site you requested in the database at this time.

You requested a CalSites Database for the following site:

1. Jervis B. Webb Company
   9301 Rayo Avenue

Our database search identified the above site as having been deleted during our CalSites Validation Program review process (see attached Fact Sheet) by Region 3 field staff. Please contact the Regional Office listed on the CalSites Fact Sheet concerning further information on the site listed above.

We recommend that you check other agencies such as the U.S. Environmental Protection Agency, Regional Water Quality Control Board, and County Health Department to determine if they have any information. We have enclosed a CalSites Fact Sheet for your convenience.

If you have any questions or require additional information, please contact the Department of Toxic Substances Control at (916) 323-3400.

Sincerely,

Rachel L. Wells
Planning and Policy Unit

Enclosure(s)

Erler & Kalinowski, Inc.

Consulting Engineers and Scientists

Santa Monica Business Park
2951 28th Street, Suite 1000
Santa Monica, California 90405
310 314-8855
Fax 310 314-8866

15 January 1997

Eli Stanesa, Esquire
Law Department
Jervis B. Webb Company
34375 West Twelve Mile Road
Farmington Hills, Michigan 48331-5624

Subject: Utility Trench Soil Removal and Sampling Results,
Laboratory Analyses for Wastes Generated during General Cleanup Activities,
and Additional QA/QC Data
9301 Rayo Avenue, South Gate, California
(EKI 961025.01)

Dear Mr. Stanesa:

This letter is intended to address the subject topics above with respect to activities at the Jervis B. Webb ("Webb") property at 9301 Rayo Avenue in South Gate ("Site"). Sampling results related to underground tank closure activities, including for wastes generated from those activities, were transmitted separately with the Erler & Kalinowski, Inc. ("EKI") report to the Los Angeles County Department of Public Works ("LACDPW") dated 10 December 1996.

Soil Removal and Sample Analyses Related to the Utility Trench

The objective of this activity was to remove obviously oil-stained soil from a section of the unlined utility trench (see Figure 1). Soil removal was completed on 18 November 1996. A thickness of approximately 1 foot of soil was removed from a length of approximately 15 feet of the trench. Where a four foot wide concrete footing occupied a portion of the trench, only approximately six inches of soil were removed from above the footing. The total volume of soil removed was less than one cubic yard. Some oil-stained soil under concrete remains at the edges of the excavation, no concrete was removed as part of this effort. The trench was not backfilled after soil removal.

The excavated soil was sampled (sample SP-2) for disposal profiling purposes and analyzed for total petroleum hydrocarbons ("TPH") using Method 8015M and volatile organic compounds ("VOCs") using Method 8240. Middle to heavy distillate TPH was detected at 35,900 mg/kg, no volatile TPH was detected. Four VOCs were detected; 1,1-dichloroethane at 52 µg/kg, 1,1,1-trichloroethane at 300 µg/kg, benzene at 5 µg/kg, and toluene at 12 µg/kg. Laboratory reports for this sample are enclosed as Attachment A.

Four soil samples were collected from beneath the trench after soil removal. Soil sample B-1-2 was collected after soil removal on 18 November 1996 and the remaining samples were collected on 5 December 1996. Sample collection and handling procedures were as described in EKI's 10 December 1996 tank closure report. Soil samples B-1-2 and B-1-6 were collected from the same location at the base of the excavated area and were approximately 2 and 6 feet, respectively, below the original bottom of the trench. Sample B-1-2 was analyzed for TPH and was found to have 17,800 mg/kg of middle to heavy distillate petroleum hydrocarbons, no volatile TPH were detected. Sample B-1-6 was analyzed for VOCs but none were detected. Samples B-2-5 and B-3-5 were collected from unexcavated locations (no oil staining was apparent) at approximately 5 feet below the base of the trench and at a distance of 25 to 30 feet from B-1-2 and B-1-6. Samples B-2-5 and B-3-5 were analyzed for VOCs but none were detected. Laboratory reports for sample B-1-2 are in Attachment A, reports for the other samples are in Attachment B.

Wastes Generated During General Site Cleanup

Wastes generated as part of general cleanup activities were as follows:

- less than one cubic yard of oil-stained soil removed from the utility trench. Sample SP-2 was collected from this soil pile as noted above. This soil was disposed at the Chemical Waste Management facility in Kettleman Hills, California.

- one 55-gallon drum of oily solids and soil from cleanup of oil stained areas of the concrete floor. Sample DS-1 was collected from this drum, the laboratory report for DS-1 is included in Attachment A. This waste was disposed at the Chemical Waste Management facility in Kettleman Hills, California.

- two unlabeled 55 gallon drums (with a total of only a few gallons of liquid) found at the site. The contents of these drums will be tested on-site and profiled for disposal at an appropriate off-site facility.

- miscellaneous nonhazardous trash which has been disposed a at local solid waste landfill.

Manifests, profiles, and/or other documentation related to the disposal of these wastes will be forwarded when available.

Additional QA/QC Data

In connection with underground tank closure activities we submitted laboratory reports to the LACDPW using Positive Lab Service's standard report format. The standard format and the amount of quality assurance/quality control ("QA/QC") data it presented was adequate to meet LACDPW requirements.

With respect Webb's plans to request the U.S. EPA Region IX to reassess the Site, it has been EKI's experience that the U.S. EPA may want to see additional QA/QC data for some laboratory analyses. EKI has obtained an alternate report format from Positive Lab Service that contains additional QA/QC data for all of the final verification samples for both tank locations (samples T-1-2, T-2-2, P-2-10, P-3-5S, P-4-5S, P-5-5S, and P-6-5S). The alternate format is consistent with that recommended by the California Regional Water Quality Control Board, Los Angeles Region in the *Interim Site Assessment & Cleanup Guidebook* dated May 1996. The alternate reports for these samples are enclosed in Attachment C.

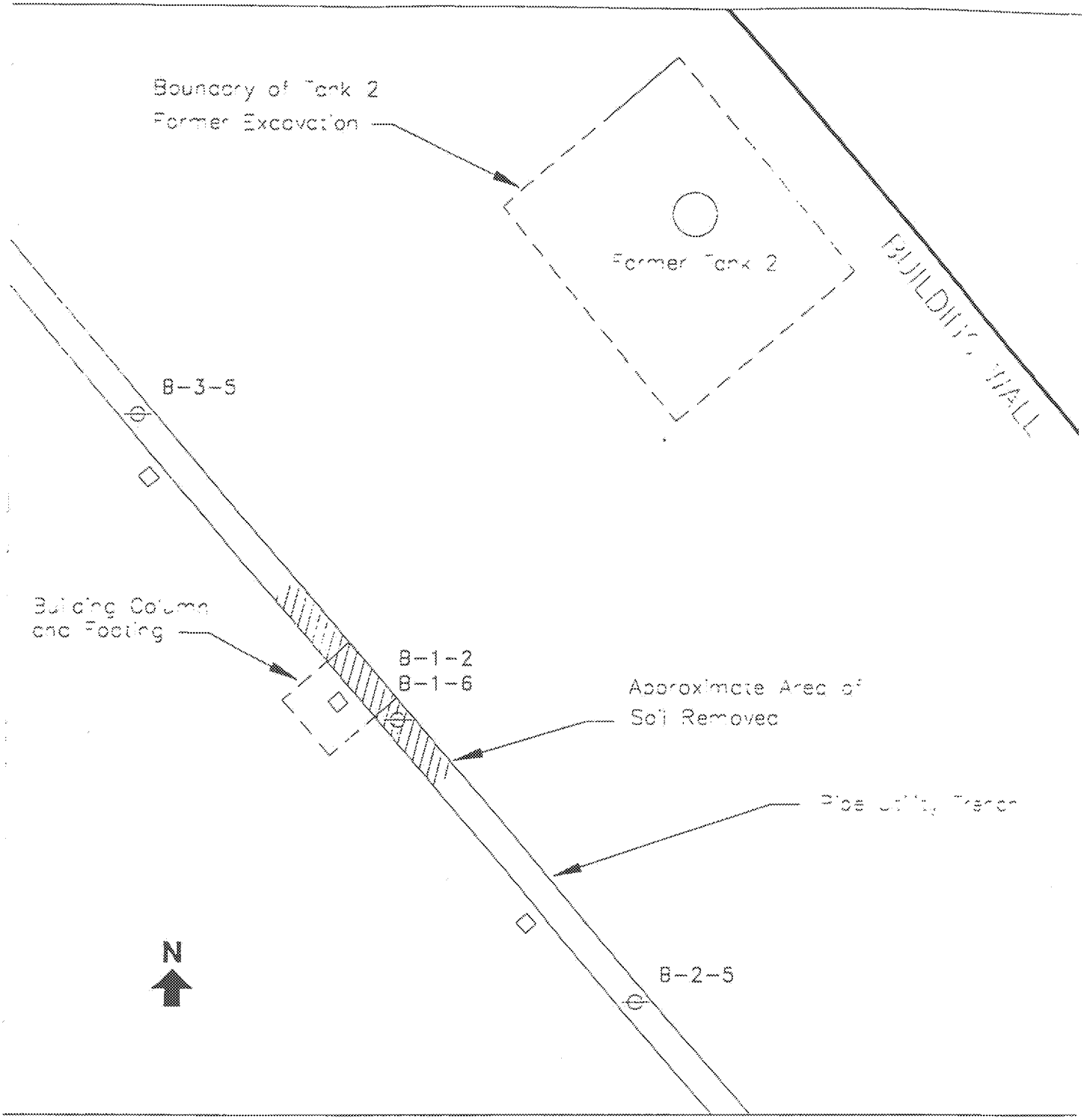
Please call if you have any questions.

Very truly yours,

ERLER & KALINOWSKI, INC.

Steven G. Miller, P.E.
Project Manager

enclosures



0 10 20
(Approximate Scale in Feet)

LEGEND

BUILDING

B-1-6 LOCATION OF SOIL SAMPLE

Notes:

1. All locations are approximate.

Erler & Kalinowski, Inc.

Location of Soil Samples – Pipe Utility Trench

U.S. Weap Co.
South Gate, CA
December 1996
EK 961028.01

Figure 1

Attachment to a Letter to Mr. Eli Stanesa
Jervis B. Webb Company
15 January 1997

Attachment A - Laboratory Reports for Samples SP-2, DS-1, and B-1-2

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Revised
12/12/96

Erler & Kalinowski, Inc.
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6340111302
Received: 12/05/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/18/96, 1350
Method: Submitted By Client

I.D.: DS-1

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/21/96		
Analysis Date		11/21/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	4100	mg/kg	100 mg/kg
C20 - C30	EPA 8015M	29000	mg/kg	1000 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	92	Percent	
Digestion Method/Date	EPA 3050	11/25/96		
Digestion Method/Date	EPA 7471	11/25/96		
Analysis Date	EPA 6010	11/25/96		
Analysis Date	EPA 7471	11/25/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	5.2	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	84	mg/kg	1.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	3.8	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	46	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	9.5	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	57	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	97	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	5.2	mg/kg	5.0 mg/kg

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Nickel	EPA 3050/6010	18	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	24	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	630	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/21/96		
Analysis Date		11/21/96		
EPA 8080 PCB'S		*		
Aroclor 1016	EPA 8080	ND	ug/kg	100 ug/kg
Aroclor 1221	EPA 8080	ND	ug/kg	100 ug/kg
Aroclor 1232	EPA 8080	ND	ug/kg	100 ug/kg
Aroclor 1242	EPA 8080	ND	ug/kg	100 ug/kg
Aroclor 1248	EPA 8080	ND	ug/kg	100 ug/kg
Aroclor 1254	EPA 8080	ND	ug/kg	100 ug/kg
Aroclor 1260	EPA 8080	ND	ug/kg	100 ug/kg
Surrogate		*		
2,4,5,6-Tetrachloro-m-Xylene	EPA 8080	123	Percent	
Decachlorobiphenyl	EPA 8080	35	Percent	
	Hydrocarbon	interferen	ce	
Extraction Method/Date	EPA 5030	11/20/96		
Analysis Date		11/20/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8240	ND	ug/kg	9.0 ug/kg
2-Hexanone	EPA 8240	ND	ug/kg	40 ug/kg
Dibromochloromethane	EPA 8240	ND	ug/kg	6.0 ug/kg
1,2-Dibromoethane	EPA 8240	ND	ug/kg	5.0 ug/kg
Tetrachloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Ethylbenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromoform	EPA 8240	ND	ug/kg	9.0 ug/kg
Styrene	EPA 8240	ND	ug/kg	6.0 ug/kg
o-Xylene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8240	ND	ug/kg	5.0 ug/kg
1,4-Dichlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,2-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
Surrogate		*		
1,2-Dichloroethane D4	EPA 8240	96	Percent	
Toluene D-8	EPA 8240	105	Percent	
4-Bromofluorobenzene	EPA 8240	87	Percent	

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Sample #: 6340111312
Received: 12/05/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/18/96, 1530
Method: Submitted By Client

I.D.: SP-2

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/25/96		
Analysis Date		11/25/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	6900	mg/kg	100 mg/kg
C20 - C30	EPA 8015M	29000	mg/kg	1000 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	84	Percent	
Extraction Method/Date	EPA 5030	11/20/96		
Analysis Date		11/20/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	52	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	300	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	5.0	ug/kg	4.0 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8240	12	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8240	ND	ug/kg	9.0 ug/kg
2-Hexanone	EPA 8240	ND	ug/kg	40 ug/kg
Dibromochloromethane	EPA 8240	ND	ug/kg	6.0 ug/kg
1,2-Dibromoethane	EPA 8240	ND	ug/kg	5.0 ug/kg
Tetrachloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Ethylbenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromoform	EPA 8240	ND	ug/kg	9.0 ug/kg
Styrene	EPA 8240	ND	ug/kg	6.0 ug/kg
o-Xylene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8240	ND	ug/kg	5.0 ug/kg
1,4-Dichlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,2-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
Surrogate		*		
1,2-Dichloroethane D4	EPA 8240	96	Percent	
Toluene D-8	EPA 8240	108	Percent	
4-Bromofluorobenzene	EPA 8240	83	Percent	

Sample #: 6325121634
Received: 11/20/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/18/96, 1520
Method: Submitted by Client

I.D.: B-1-2

Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/25/96		
Analysis Date		11/25/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	1800	mg/kg	50 mg/kg
C20 - C30	EPA 8015M	16000	mg/kg	500 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	76	Percent	

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

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Sample #: 6340111319 Collector: ****
Received: 12/05/96 Sampling Date & Time: **/**/**, ****
Type: Soil Method: ****

I.D.: Method Blank

Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/25/96		
Analysis Date		11/25/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	ND	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	ND	mg/kg	100 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	105	Percent	
Digestion Method/Date	EPA 3050	11/25/96		
Digestion Method/Date	EPA 7471	11/25/96		
Analysis Date	EPA 6010	11/25/96		
Analysis Date	EPA 7471	11/25/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	ND	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/21/96		
Analysis Date		11/21/96		
EPA 8080 PCB'S		*		
Aroclor 1016	EPA 8080	ND	ug/kg	50 ug/kg
Aroclor 1221	EPA 8080	ND	ug/kg	50 ug/kg
Aroclor 1232	EPA 8080	ND	ug/kg	50 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Aroclor 1242	EPA 8080	ND	ug/kg	50 ug/kg
Aroclor 1248	EPA 8080	ND	ug/kg	50 ug/kg
Aroclor 1254	EPA 8080	ND	ug/kg	50 ug/kg
Aroclor 1260	EPA 8080	ND	ug/kg	50 ug/kg
Surrogate		*		
2,4,5,6-Tetrachloro-m-Xylene	EPA 8080	106	Percent	
Decachlorobiphenyl	EPA 8080	79	Percent	
Extraction Method/Date	EPA 5030	11/20/96		
Analysis Date		11/20/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8240	ND	ug/kg	4.0 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
1,1,2-Trichloroethane	EPA 8240	ND	ug/kg	9.0 ug/kg
2-Hexanone	EPA 8240	ND	ug/kg	40 ug/kg
Dibromochloromethane	EPA 8240	ND	ug/kg	6.0 ug/kg
1,2-Dibromoethane	EPA 8240	ND	ug/kg	5.0 ug/kg
Tetrachloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Ethylbenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromoform	EPA 8240	ND	ug/kg	9.0 ug/kg
Styrene	EPA 8240	ND	ug/kg	6.0 ug/kg
o-Xylene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8240	ND	ug/kg	5.0 ug/kg
1,4-Dichlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,2-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
Surrogate		*		
1,2-Dichloroethane D4	EPA 8240	97	Percent	
Toluene D-8	EPA 8240	100	Percent	
4-Bromofluorobenzene	EPA 8240	98	Percent	

Respectfully Submitted,

Azmat Imam, Organic Supervisor

Frances Fernando, Inorganic Supervisor

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Erler & Kalinowski, Inc. 12/10/96
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6338171301
Received: 12/03/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/18/96, 1350
Method: Submitted By Client

I.D.: DS-1

=========CONSTITUENT==========		====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date		DOHS WET	12/03/96		
Analysis Date			12/05/96		
Lead	STLC	EPA 6010	6.1	mg/l	0.05 mg/l

Sample #: 6338171302
Received: 12/03/96
Type: Solid

Collector: Client
Sampling Date & Time: 11/18/96, 1400
Method: Submitted By Client

I.D.: DS-2

Extraction Method/Date		EPA 1311/3010	12/03/96		
Analysis Date			12/05/96		
Lead	TCLP	EPA 1311/6010	4.7	mg/l	0.01 mg/l
Chromium	TCLP	EPA 1311/6010	0.49	mg/l	0.02 mg/l
Barium	TCLP	EPA 1311/6010	1.7	mg/l	0.2 mg/l

Sample #: 6338171303
Received: 12/03/96
Type: Soil

Collector: ****
Sampling Date & Time: **/**/**, ****
Method: ****

I.D.: Method Blank

Extraction Method/Date		DOHS WET	12/03/96

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

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=========CONSTITUENT==========		====METHOD====	==RESULT==	===UNIT===	===MDL====
Analysis Date			12/05/96		
Lead	STLC	EPA 6010	ND	mg/l	0.05 mg/l
Extraction Method/Date		EPA 1311/3010	12/03/96		
Analysis Date			12/05/96		
Lead	TCLP	EPA 1311/6010	ND	mg/l	0.01 mg/l
Chromium	TCLP	EPA 1311/6010	ND	mg/l	0.02 mg/l
Barium	TCLP	EPA 1311/6010	ND	mg/l	0.2 mg/l

Respectfully Submitted,

Frances Fernando, Inorganic Supervisor

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

December 10, 1996

QUALITY CONTROL DATA
PLS

CLIENT: Erler & Kalinowski
FILE NO: 72373
REPORT NO: 63381713
MATRIX: Soil
METHOD: EPA 6010-STLC
LAB NO: 6338171301
BATCH NO: 63406010-STLC
DATE EXTRACTED: 12/03/96
DATE ANALYZED: 12/05/96

PARAMETER		SAMPLE RESULTS (mg/l)	AMOUNT SPIKED (mg/l)	AMOUNT RECOVERED (mg/l)	% REC	SPIKE RECOVERY ACCEPTANCE RANGE(%)
Lead	(PLS)	6.1	5.0	10.6	90	70-130

R.P.D. = Relative Percent Difference
ND = None Detected
PLS = Post Leaching Spike

POSITIVE
LAB SERVICE

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December 10, 1996

QUALITY CONTROL DATA
PLS

CLIENT: Erler & Kalinowski
FILE NO: 72373
REPORT NO: 63381713
MATRIX: Soil
METHOD: EPA 6010-TCLP
LAB NO: 6338171302
BATCH NO: 63406010-TCLP
DATE EXTRACTED: 12/03/96
DATE ANALYZED: 12/05/96

PARAMETER		SAMPLE RESULTS (mg/l)	AMOUNT SPIKED (mg/l)	AMOUNT RECOVERED (mg/l)	% REC	SPIKE RECOVERY ACCEPTANCE RANGE(%)
Barium	(PLS)	1.7	2.0	3.5	90	70-130
Chromium	(PLS)	0.49	0.4	0.87	95	70-130
Lead	(PLS)	4.72	1.0	5.99	127	70-130

R.P.D. = Relative Percent Difference
ND = None Detected
PLS = Post Leaching Spike

POSITIVE LAB SERVICE

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Erler & Kalinowski, Inc.
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

12/23/96

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6354171301
Received: 12/19/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/18/96, 1350
Method: Submitted By Client

I.D.: DS-1

CONSTITUENT		METHOD	RESULT	UNIT	MDL
Extraction Method/Date		EPA 1311/3010	12/19/96		
Analysis Date			12/21/96		
Lead	TCLP	EPA 6010	0.46	mg/l	0.005 mg/l

Sample #: 6354171302
Received: 12/19/96
Type: Soil

Collector: ****
Sampling Date & Time: **/**/**, ****
Method: ****

I.D.: Method Blank

Extraction Method/Date		EPA 1311/3010	12/19/96		
Analysis Date			12/21/96		
Lead	TCLP	EPA 6010	ND	mg/l	0.005 mg/l

Respectfully Submitted,

Frances Fernando, Inorganic Supervisor

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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Quality Control Data
Post Leaching Spike

Client: Erler & Kalinowski, Inc.
File No: 72373
Report No: "6354171301
Method: EPA 6010
Matrix: Soil
QC Sample: 63541713
Batch No: 6356-TCLP
Date Analyzed: 12/21/96

Parameter	Sample Result mg/l	Amount Spiked mg/l	Amount Recovered mg/l	% Rec.	Acceptance Range	
LEAD (PLS)	0.46	2.0	2.1	82	75 - 125	
LCSS						
LEAD		1.0	0.974	97	80 - 120	

PLS: Post Leaching Spike
ND: None Detected

POSITIVE LAB SERVICE
711 East Washington Blvd.,
Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

LOG BOOK NO. 984-4 DATE 11/18/96 PAGE 1 OF 1
FILE NO. 72373 LAB NO. 6325 12160 1

CLIENT NAME: ERIER & KAZINOWSKI, INC.

PROJECT NAME: WEBB PROJECT NO. 961075.01 P.O. NO.

ADDRESS: 2951 28TH ST. SUITE 1020, SANTA MONICA, CA 90405

PROJECT MANAGER: STEVE MILLER PHONE NO. 310 314 8855 FAX NO. 310 314 8860

SAMPLER NAME: ROB HESSE (Printed) (Signature)

TAT (Analytical Turn Around Time) 0 = Same Day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES B = Brass, G = Glass, P = Plastic, V = VOA Vial, O = Other:

ANALYSES REQUESTED: 8015m petroleum chain; 17 CAM METALS; 8080 PCBs only; 8240 VOC's

AIRBILL NO: N/A
COOLER TEMP: 42°F
PRESERVED: NR
QC REPORT LEVEL: Standard
REMARKS:

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	8015m petroleum chain	17 CAM METALS	8080 PCBs only	8240 VOC's					SAMPLE CONDITION/ COMMENTS:
	11/18/96	13:50	DS-1		X			N	1	G	X	X	X	X					
		14:00	DS-2		X			N	1	G	X	X	X	X					
		14:50	DS-3	X				N	1	G	X								
		14:50	DS-3	X				N	1	P		X							
		15:00	SP-1		X			N	1	G	X	X		X					
		15:20	B-1-2		X			N	1	B	X								
		15:30	SP-2		X			N	1	G	X			X					

Relinquished By (Signature and Printed Name)	Received By (Signature and Printed Name)	Date	Time
ROB HESSE	Mario Santiesteban	11/18/96	16:15
Relinquished By (Signature and Printed Name)	Received By (Signature and Printed Name)	Date	Time
Relinquished By (Signature and Printed Name)	Received By (Signature and Printed Name)	Date	Time

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES (NO)
2. Samples will not be stored over 30 days unless additional storage time is requested
3. Storage time requested days

By Date

DISTRIBUTION: WHITE, YELLOW, PINK TO LAB — GOLD TO CLIENT

POSITIVE LAB SERVICE

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(213) 745-5312 FAX (213) 745-6372

Erler & Kalinowski, Inc. 12/11/96
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6341114101
Received: 12/06/96
Type: Soil

Collector: Client
Sampling Date & Time: 12/05/96, 1602
Method: Submitted By Client

I.D.: B-1-6

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	12/10/96		
Analysis Date		12/10/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

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CONSTITUENT	METHOD	RESULT	UNIT	MDL
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8240	ND	ug/kg	9.0 ug/kg
2-Hexanone	EPA 8240	ND	ug/kg	40 ug/kg
Dibromochloromethane	EPA 8240	ND	ug/kg	6.0 ug/kg
1,2-Dibromoethane	EPA 8240	ND	ug/kg	5.0 ug/kg
Tetrachloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Ethylbenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromoform	EPA 8240	ND	ug/kg	9.0 ug/kg
Styrene	EPA 8240	ND	ug/kg	6.0 ug/kg
o-Xylene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8240	ND	ug/kg	5.0 ug/kg
1,4-Dichlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,2-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
Surrogate		*		
1,2-Dichloroethane D4	EPA 8240	100	Percent	
Toluene D-8	EPA 8240	101	Percent	
4-Bromofluorobenzene	EPA 8240	95	Percent	

Sample #: 6341114106
Received: 12/06/96
Type: Soil

Collector: Client
Sampling Date & Time: 12/05/96, 1616
Method: Submitted By Client

I.D.: B-2-5

Extraction Method/Date	EPA 5030	12/10/96		
Analysis Date		12/10/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8240	ND	ug/kg	9.0 ug/kg
2-Hexanone	EPA 8240	ND	ug/kg	40 ug/kg
Dibromochloromethane	EPA 8240	ND	ug/kg	6.0 ug/kg
1,2-Dibromoethane	EPA 8240	ND	ug/kg	5.0 ug/kg
Tetrachloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Ethylbenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromoform	EPA 8240	ND	ug/kg	9.0 ug/kg
Styrene	EPA 8240	ND	ug/kg	6.0 ug/kg
o-Xylene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8240	ND	ug/kg	5.0 ug/kg
1,4-Dichlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,2-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Surrogate		*		
1,2-Dichloroethane D4	EPA 8240	98	Percent	
Toluene D-8	EPA 8240	103	Percent	
4-Bromofluorobenzene	EPA 8240	96	Percent	

Sample #: 6341114111
Received: 12/06/96
Type: Soil

Collector: Client
Sampling Date & Time: 12/05/96, 1628
Method: Submitted By Client

I.D.: B-3-5

Extraction Method/Date	EPA 5030	12/10/96		
Analysis Date		12/10/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8240	ND	ug/kg	9.0 ug/kg
2-Hexanone	EPA 8240	ND	ug/kg	40 ug/kg
Dibromochloromethane	EPA 8240	ND	ug/kg	6.0 ug/kg
1,2-Dibromoethane	EPA 8240	ND	ug/kg	5.0 ug/kg
Tetrachloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Ethylbenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromoform	EPA 8240	ND	ug/kg	9.0 ug/kg
Styrene	EPA 8240	ND	ug/kg	6.0 ug/kg
o-Xylene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8240	ND	ug/kg	5.0 ug/kg
1,4-Dichlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,2-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
Surrogate		*		
1,2-Dichloroethane D4	EPA 8240	98	Percent	
Toluene D-8	EPA 8240	104	Percent	
4-Bromofluorobenzene	EPA 8240	94	Percent	

Sample #: 6341114116
Received: 12/06/96
Type: Soil

Collector: ****
Sampling Date & Time: **/**/**, ****
Method: ****

I.D.: Method Blank

Extraction Method/Date	EPA 5030	12/10/96		
Analysis Date		12/10/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8240	ND	ug/kg	9.0 ug/kg
2-Hexanone	EPA 8240	ND	ug/kg	40 ug/kg
Dibromochloromethane	EPA 8240	ND	ug/kg	6.0 ug/kg
1,2-Dibromoethane	EPA 8240	ND	ug/kg	5.0 ug/kg
Tetrachloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Ethylbenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromoform	EPA 8240	ND	ug/kg	9.0 ug/kg
Styrene	EPA 8240	ND	ug/kg	6.0 ug/kg
o-Xylene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8240	ND	ug/kg	5.0 ug/kg
1,4-Dichlorobenzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
1,2-Dichlorobenzene	EPA 8240	ND	ug/kg	5.0 ug/kg
Surrogate		*		

[ND = None Detected; MDL = Method Detection Limit]

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
1,2-Dichloroethane D4	EPA 8240	96	Percent	
Toluene D-8	EPA 8240	103	Percent	
4-Bromofluorobenzene	EPA 8240	98	Percent	

Respectfully Submitted,

Azmat Imam, Organic Supervisor

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

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December 11, 1996

QUALITY CONTROL DATA
MATRIX SPIKE AND DUPLICATE SPIKES

Client: Erler & Kalinowski
File No: 72373
Report No: 63411141
Matrix: Soil
Method: EPA 8240
Lab No: 6341114101
Batch No: 63458240-1
Date Analyzed: 12/10/96

PARAMETER		SAMPLE RESULTS (ug/kg)	AMOUNT SPIKED (ug/kg)	AMOUNT RECOVERED (ug/kg)	% REC	SPIKE RECOVERY ACCEPTANCE RANGE(%)	R.P.D.
1,1-Dichloroethene	(S)	ND	20	16.0	80		
1,1-Dichloroethene	(DS)	ND	20	19.3	97	59-170	19
Trichloroethene	(S)	ND	20	17.3	87		
Trichloroethene	(DS)	ND	20	20.8	104	68-143	18
Benzene	(S)	ND	20	19.8	99		
Benzene	(DS)	ND	20	23.1	116	76-141	16
Toluene	(S)	ND	20	19.4	97		
Toluene	(DS)	ND	20	23.8	119	68-149	20
Chlorobenzene	(S)	ND	20	19.4	97		
Chlorobenzene	(DS)	ND	20	23.5	118	79-132	20

S = SPIKE
DS = DUPLICATE SPIKE
R.P.D. = RELATIVE PERCENT DIFFERENCE
ND = NONE DETECTED

POSITIVE LAB SERVICE

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Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

LOG BOOK NO. 994 DATE 12/6/96 PAGE 1 OF 1
FILE NO 72373 LAB NO 6341114101

CLIENT NAME: ERIER & KAZINOWSKI, INC.

PROJECT NAME: WEEB PROJECT NO. 961075.01 P.O. NO.

ADDRESS

PROJECT MANAGER: STEVE MILLER PHONE NO: 310 314 8855 FAX NO: 310 314 8860

SAMPLER NAME: ROB HESSE (Printed) (Signature)

TAT (Analytical Turn Around Time) 0 - Same Day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES B - Brass, G - Glass, P - Plastic, V = VOA Vial, O = Other:

ANALYSES REQUESTED: 8240

AIRBILL NO: N/A
COOLER TEMP: 39°F
PRESERVED: N/A
QC REPORT LEVEL: NORMAL

REMARKS:

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	8240	SAMPLE CONDITION/ COMMENTS:
	12/5/96	16:02	B-1-6		X			12/11/96	1	B	X	
	↓	16:16	B-2-5		X			↓	1	B	X	
	↓	16:28	B-3-5		X			↓	1	B	X	

Relinquished By (Signature and Printed Name): ROB HESSE Received By (Signature and Printed Name): Date 12/6/96 Time 9:00

Relinquished By (Signature and Printed Name) Received By (Signature and Printed Name) Date Time

Relinquished By (Signature and Printed Name) Received By (Signature and Printed Name) Date Time

SPECIAL INSTRUCTIONS: REPORT RESULTS FOR 12/11/96

SAMPLE DISPOSITION:
1. Samples returned to client? YES (NO)
2. Samples will not be stored over 30 days, unless additional storage time is requested
3. Storage time requested days

By Date

DISTRIBUTION WHITE, YELLOW, PINK TO LAB GOLD TO CLIENT

Attachment to a Letter to Mr. Eli Stanesa
Jervis B. Webb Company
15 January 1997

Attachment C - Laboratory Reports and Chain of Custody Forms for Samples T-1-2, T-2-2, P-2-10, P-3-5S, P-4-5S, P-5-5S, and P-6-5S using LARWQCB Report Format (Forms 10A and 10C)

Clarification Note: The laboratory reports show the last character of Samples Nos. P-3-5S, P-4-5S, P-5-5S, and P-6-5S as a "5" instead of a "S" (e.g., P-3-55 should be shown as P-3-5S).

PLS Project No: 63191841
Analytical Method: EPA 8015M

ANALYTICAL RESULT FOR ORGANICS

Reporting Unit : mg/kg

METHOD: EPA 8015M

Date Analyzed			11/14/96	11/14/96				
Date Extracted			11/14/96	11/14/96				
Lab Sample I.D.			Method Blank	631918410 1				
Client Sample I.D.			N/A	P-2-10				
Extraction Solvent			WATER	WATER				
Extraction Method			5030	5030				
Dilution Factor			1	1				
COMPOUND		MDL						
C5-C10 Volatiles		0.1	ND	ND				
SURROGATE	Spk Conc	ACP %	% RC	% RC	% RC	% RC	% RC	% RC
Trifluorotoluene	30 ug/l	65-135	89	78				

PLS Project No: 63191841
Analytical Method: EPA 8015M

QA/QC REPORT
Reporting Unit: ug/l

II. Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)

Date Performed: 11/14/96 Analytical Method: 8015M
Batch # : 63198015-1 Unit: mg/kg
Lab Sample I.D. : 6319184101

Analyte	Sample Result	Spike Conc.	MS	%MS	Spike Conc.D	MSD	%MSD	RPD	MS/MSD LIMIT	RPD LIMIT
Gasoline	ND	910	1057	116	910	1161	128	9	57-138	-20

II. Laboratory Quality Control Check Sample

	GASOLINE		GASOLINE
Date Performed:	11/14/96	Analytical Method:	EPA 8015M
Supply Source:	Chevron	Lab LCS I.D.:	63198015-lcs
Lot Number:	10296		
Date of Source:	10/18/96	Unit:	mg/kg

Analyte	SPK Conc.	Result	% Recovery	ACP% Rec. Limit
Gasoline	4550	4995	110	80-120

Continuing Calibration Report GC #9 01

Method : C:\HPCHEM\6\METHODS\AZMAT.M
Title :
Last Update : Thu Nov 14 11:14:43 1996
Response via : Initial Calibration

Continuing Calibration File: CCBTEX01.D

Min. RRF : 0.100 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%	
1	S	a,a,a-TFT-Surrogate	140.055	116.107	E3	17.1#		0#
2	MH	lacquer thinner	106.713	0.000#	E3	100.0#	NR	0#
3	H	GASOLINE-C5-C10 (TPH)	173.245	175.415	E3	-1.3		0#
4	Mh	Gasoline (TPH)	173.245	175.415	E3	-1.3		0#
5	S	4-bromofluorobenzene	0.000	0.000#		0.0		0#

Signal #2
Continuing Calibration File: CONFIRM.D

		Compound	AvgRF	CCRF		%Dev	Area%	
7	MS	a,a,a-TFT-Surrogate #2	19.933	18.844	E3	5.5		0#
8	M	Benzene #2	70.227	65.496	E3	6.7		0#
9	M	Toluene #2	64.075	60.821	E3	5.1		0#
10	M	Ethylbenzene #2	45.952	49.388	E3	-7.5		0#
11	M	M+P Xylene #2	55.912	58.610	E3	-4.8		0#
12	M	O-Xylene #2	45.491	47.001	E3	-3.3		0#
13	S	4-bromofluorobenzene #2	0.000	0.000#		0.0		0#
14	m	MTBE #2	8.379	0.097#	E3	98.8#	NA	0#
15		Dicyclopentadiene	0.000	0.000#		0.0		0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report GC #9 OI

Method : C:\HPCHEM\6\METHODS\AZMAT.M
Title :
Last Update : Thu Nov 14 11:14:43 1996
Response via : Initial Calibration

Gasoline Tpt 5/13/96 initial calibration

Calibration Files
1 =CCBTX200.D 2 =CCBTEX02.D 3 =CCBTX20.D
4 =CCBTX10.D 5 =016F0101.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	S	a,a,a-TFT-Surrogate	150.9	151.9	151.2	139.9	106.4	140.1 E3	13.89
2)	MH	lacquer thinner	116.2	97.2	118.1	109.8	92.3	106.7 E3	10.78
3)	H	GASOLINE-C5-C10 (TPH)	173.3	160.7	178.0	172.5	181.7	173.2 E3	4.59
4)	Mh	Gasoline (TPH)	173.3	160.7	178.0	172.5	181.7	173.2 E3	4.59
5)	S	4-bromofluorobenzene						0.0#	-1.00

Signal #2 Calibration Files
1 =CONFIRM.D 2 =CONFIRM.D 3 =CONFIRM.D
4 =CONFIRM.D 5 =016R0101.D

		Compound	1	2	3	4	5	Avg	%RSD
7)	MS	a,a,a-TFT-Surrogate #	22.0	19.9	20.6	19.3	17.8	19.9 E3	7.82
8)	M	Benzene #2	68.6	66.8	74.8	71.9	69.1	70.2 E3	4.44
9)	M	Toluene #2	62.7	61.5	68.3	65.5	62.5	64.1 E3	4.36
10)	M	Ethylbenzene #2	51.9	50.1	49.0	45.3	33.4	46.0 E3	16.11
11)	M	M-P Xylene #2	58.6	59.2	61.2	56.3	44.3	55.9 E3	12.03
12)	M	O-Xylene #2	49.8	48.0	48.4	45.2	36.0	45.5 E3	12.18
13)	S	4-bromofluorobenzene						0.0#	-1.00
14)	m	MTBE #2	8.2	8.0	7.5	8.8	9.5	8.4 E3	9.54
15)		Dicyclopentadiene						0.0#	-1.00

(#) = Out of Range

PLS Project No: 63191841
Analytical Method: EPA 8015

ANALYTICAL RESULT FOR ORGANICS

Reporting Unit : mg/kg

Date Analyzed		11/18/96	11/18/96						
Date Extracted		11/18/96	11/18/96						
Lab Sample I.D.		Method Blank	63191841-01						
Client Sample I.D.		N/A	P-2-10						
Extraction Solvent		--	--						
Extraction Method		3550	3550						
Dilution Factor		1	1						
COMPOUND	MDL								
C10 - C20	10	ND	ND						
C20 - C30	100	ND	ND						
**CH2Cl2 - Hexane									

SURROGATE	Spk Con	ACP %	% RC	%RC	%RC	% RC	% RC	% RC	% RC
N-Tetracosane	0.625	69-116	100	107					

PLS Project No: 63191841
Analytical Method: EPA 8015

QA/QC REPORT

II. Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)

Date Extracted: 11/18/96
Batch # : 63238015-1
Lab Sample I.D. : 6319183007

Analytical Method: EPA 8015
Unit: mg/kg
Date Analyzed: 11/18/96

Analyte	Sample Result	Spike Conc.	MS	%MS	Spike Conc.D	MSD	%MSD	RPD	MS/MSD LIMIT	RPD LIMIT
Diesel	ND	109	117.1	108	108	108.3	100	7	62-140	-20
Surrogate		20.42	22.7	111	20.42	23.6	116	4	68-123	-20

II. Laboratory Quality Control Check Sample

Date Performed: 11/18/96
Supply Source: Shell
Lot Number: 0284SW1
Date of Source: 6/3/96

Analytical Method: EPA 8015
Lab LCS I.D.: 63238015

Unit: mg/kg

Analyte	SPK Conc.	Result	% Recovery	ACP% Rec. Limit
Diesel	555	572.6	103	60-120
Surrogate	20.83	24.1	116	60-120

DIESEL RANGE = 8.4 -23.8 MIN
JET FUEL RANGE = 5-20MIN

POSITIVE LAB SERVICE

DIESEL CALIBRATION CURVE- 08/14/96

		Conc. ppm	Surr. Area	Surr. RF		Diesel Area	Diesel RF			
DIESEL	8/14/96 Chevron	20.8	300738	4812		50005	2404			
		31	323965	5183		74934	2417			
		52	297972	4768		130462	2509			
		62	311530	4984		203116	3276			
		83	301420	4823		282278	3401			
		104	291167	4659		374606	3602			
		260	304292	4869		1131275	4351			
		520	294529	4712		2442870	4698			
		1040	314869	5038		5158353	4960			
		1560	315674	5051		7548238	4839			
		2080	310286	4965		9652006	4640			
		3120	332763	5324		1.5E+07	4813			
Check Std	8/14/96 Shell	1560	331147	5298		7690803	4930		% RPD =	5%
						Low-End, 52-260ppm				
		Mean	Stdev	% RSD		Mean	Stdev	% RSD		
		4960	214.134	4%	13-pt	3428	661.607	19%	5-pt	
						High-End, 260-3120ppm				
						Mean	Stdev	% RSD		
						4717	211.253	4%	6-pt	

PLS Project No. : 63191841
Analytical Method: EPA 8015

QA/QC Report

B. Continuing Calibration (mid-point)

Compound	Detector	RT	Mass/Conc ppm	Area	RF	%Diff	Acp Rge %Diff
Low Range	FID	8.4-23.8	104	370216	3560	4	~15%
High Range	FID	8.4-23.8	1560	7145281	4580	3	~15%
Surrogate	FID		62.5	332018	5312	7	~15%
Surrogate	FID		62.5	298113	4770	4	~15%

PLS Project No: 63131608
Analytical Method: EPA 8015

ANALYTICAL RESULT FOR ORGANICS

Reporting Unit : mg/kg

Date Analyzed		11/11/96	11/11/96	11/11/96					
Date Extracted		11/11/96	11/11/96	11/11/96					
Lab Sample I.D.		Method Blank	6313160801	6313160812					
Client Sample I.D.		N/A	T-1-2	T-2-2					
Extraction Solvent		**	**	**					
Extraction Method		3550	3550	3550					
Dilution Factor		1	1	1					
COMPOUND	MDL								
C10 - C20	10	ND	ND	ND					
C20 - C30	100	ND	ND	ND					
**CH2Cl2 - Hexane									

SURROGATE	Spk Con	ACP %	% RC	%RC	%RC	% RC	% RC	% RC	% RC
N-Tetracosane	0.625	69-118	109	110	110				

PLS Project No: 63131608
Analytical Method: EPA 8015

QA/QC REPORT

II. Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)

Date Extracted: 11/11/96
Batch # : 63168015-1
Lab Sample I.D. : 6312111047

Analytical Method: EPA 8015
Unit: mg/kg
Date Analyzed: 11/11/96

Analyte	Sample Result	Spike Conc.	MS	%MS	Spike Conc.D	MSD	%MSD	RPD	MS/MSD LIMIT	RPD LIMIT
Diesel	ND	109	90.6	83	108	88.2	81	2	62-140	-20
Surrogate		20.42	22.0	108	20.35	22.6	111	3	68-123	-20

II. Laboratory Quality Control Check Sample

Date Performed: 11/11/96
Supply Source: Shell
Lot Number: 0284SW1
Date of Source: 6/3/96

Analytical Method: EPA 8015
Lab LCS I.D.: 63168015

Unit: mg/kg

Analyte	SPK Conc.	Result	% Recovery	ACP% Rec. Limit
Diesel	555	568.9	102	60-120
Surrogate	20.83	25.3	121	60-120

Response Factor Report GC #9 OI

Method : C:\HPCHEM\6\METHODS\AZMAT.M
Title :
Last Update : Mon Nov 11 13:22:42 1996
Response via : Initial Calibration

Calibration Files
1 =CCBTX200.D 2 =CCBTEX02.D 3 =CCBTX20.D
4 =CCBTX10.D 5 =016F0101.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	S	a,a,a-TFT-Surrogate	150.9	151.9	151.2	139.9	106.4	140.1 E3	13.89
2)	MH	Lacquer thinner	116.2	97.2	118.1	109.8	92.3	106.7 E3	10.78
3)	H	GASOLINE-C5-C10 (TPH)	173.3	160.7	178.0	172.5	181.7	173.2 E3	4.59
4)	Mh	Gasoline (TPH)	173.3	160.7	178.0	172.5	181.7	173.2 E3	4.59
5)	S	4-bromofluorobenzene						0.0#	-1.00

Signal #2 Calibration Files
1 =CONFIRM.D 2 =CONFIRM.D 3 =CONFIRM.D
4 =CONFIRM.D 5 =016R0101.D

		Compound	1	2	3	4	5	Avg	%RSD
7)	MS	a,a,a-TFT-Surrogate #	22.0	19.9	20.6	19.3	17.8	19.9 E3	7.82
8)	M	Benzene #2	68.6	66.8	74.8	71.9	69.1	70.2 E3	4.44
9)	M	Toluene #2	62.7	61.5	68.3	65.5	62.5	64.1 E3	4.36
10)	M	Ethylbenzene #2	51.9	50.1	49.0	45.3	33.4	46.0 E3	16.11
11)	M	M+P Xylene #2	58.6	59.2	61.2	56.3	44.3	55.9 E3	12.03
12)	M	O-Xylene #2	49.8	48.0	48.4	45.2	36.0	45.5 E3	12.18
13)	S	4-bromofluorobenzene						0.0#	-1.00
14)	m	MTBE #2	8.2	8.0	7.5	8.8	9.5	8.4 E3	9.54
15)		Dicyclopentadiene						0.0#	-1.00

(#) = Out of Range

Method : C:\HPCHEM\6\METHODS\AZMAT.M
Title :
Last Update : Mon Nov 11 13:22:42 1996
Response via : Initial Calibration

Continuing Calibration File: CCBTEX01.D

Min. RRF : 0.100 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%	
1	S	a,a,a-TFT-Surrogate	140.055	127.288	E3	9.1		0#
2	MH	lacquer thinner	106.713	0.000#	E3	100.0#	NA	0#
3	H	GASOLINE-C5-C10 (TPH)	173.245	170.169	E3	1.8		0#
4	Mh	Gasoline (TPH)	173.245	170.169	E3	1.8		0#
5	S	4-bromofluorobenzene	0.000	0.000#		0.0		0#

Signal #2
Continuing Calibration File: CONFIRM.D

		Compound	AvgRF	CCRF		%Dev	Area%	
7	MS	a,a,a-TFT-Surrogate #2	19.933	21.626	E3	-8.5		0#
8	M	Benzene #2	70.227	69.002	E3	1.7		0#
9	M	Toluene #2	64.075	63.234	E3	1.3		0#
10	M	Ethylbenzene #2	45.952	50.870	E3	-10.7		0#
11	M	M+P Xylene #2	55.912	60.892	E3	-8.9		0#
12	M	O-Xylene #2	45.491	49.127	E3	-8.0		0#
13	S	4-bromofluorobenzene #2	0.000	0.000#		0.0		0#
14	m	MTBE #2	8.379	0.105	E3	98.7#	NA	0#
15		Dicyclopentadiene	0.000	0.000#		0.0		0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

POSITIVE LAB SERVICE

DIESEL CALIBRATION CURVE- 08/14/96

		Conc. ppm	Surr. Area	Surr. RF		Diesel Area	Diesel RF						
DIESEL	8/14/96 Chevron	20.8	300738	4812		50005	2404						
		31	323965	5183		74934	2417						
		52	297972	4768		130462	2509						
		62	311530	4984		203116	3276						
		83	301420	4823		282278	3401						
		104	291167	4659		374606	3602						
		260	304292	4869		1131275	4351						
		520	294529	4712		2442870	4698						
		1040	314869	5038		5158353	4960						
		1560	315674	5051		7548238	4839						
		2080	310286	4965		9652006	4640						
		3120	332763	5324		1.5E+07	4813						
Check Std	8/14/96 Shell	1560	331147	5298		7690803	4930		% RPD =	5%			
						Low-End, 52-260ppm							
		Mean	Stdev	% RSD		Mean	Stdev	% RSD					
		4960	214.134	4%	13-pt	3428	661.607	19%	5-pt				
						High-End, 260-3120ppm							
						Mean	Stdev	% RSD					
						4717	211.253	4%	6-pt				

PLS Project No: 63131608
Analytical Method: EPA 8015M

ANALYTICAL RESULT FOR ORGANICS

Reporting Unit : mg/kg

METHOD: EPA 8015M

Date Analyzed			11/11/96	11/11/96	11/11/96			
Date Extracted			11/11/96	11/11/96	11/11/96			
Lab Sample I.D.			Method Blank	6313160801	6313160812			
Client Sample I.D.			N/A	T-1-2	T-2-2			
Extraction Solvent			WATER	WATER	WATER			
Extraction Method			5030	5030	5030			
Dilution Factor			1	1	1			
COMPOUND		MDL						
C5-C10 Volatiles		0.1	ND	ND	ND			
SURROGATE	Spk Conc	ACP %	% RC	% RC	% RC	% RC	% RC	% RC
NA								

PLS Project No: 63131608
Analytical Method: EPA 8015M

QA/QC REPORT
Reporting Unit: ug/l

II. Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)

Date Performed: 11/11/96
Batch # : 63168015-1
Lab Sample I.D. : 6313160813

Analytical Method: 8015M
Unit: mg/kg

Analyte	Sample Result	Spike Conc.	MS	%MS	Spike Conc.D	MSD	%MSD	RPD	MS/MSD LIMIT	RPD LIMIT
Gasoline	ND	910	913	100	910	1046	115	14	57-138	÷20

II. Laboratory Quality Control Check Sample

	GASOLINE		GASOLINE
Date Performed:	11/11/96	Analytical Method:	EPA 8015M
Supply Source:	Shell	Lab LCS I.D.:	63168015-lcs
Lot Number:	10695		
Date of Source:	6/1/96	Unit:	mg/kg

Analyte	SPK Conc.	Result	% Recovery	ACP% Rec. Limit
Gasoline	4550	5495	121*	80-120
Benzene	500	475	95	80-120
Toluene	500	480	96	80-120
Ethylbenzene	500	545	109	80-120
Xylenes	1500	1607.5	107	80-120
Surrogate	150	154	103	80-120
*BTEX - Surrogate from same run OK				

Response Factor Report GC #9 OI

Method : C:\HPCHEM\6\METHODS\AZMAT.M
Title :
Last Update : Tue Nov 12 15:44:32 1996
Response via : Initial Calibration

Calibration Files
1 =CCBTX200.D 2 =CCBTEX02.D 3 =CCBTX20.D
4 =CCBTX10.D 5 =016F0101.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	S	a,a,a-TFT-Surrogate	150.9	151.9	151.2	139.9	106.4	140.1 E3	13.89
2)	MH	lacquer thinner	116.2	97.2	118.1	109.8	92.3	106.7 E3	10.78
* 3)	H	GASOLINE-C5-C10 (TPH)	173.3	160.7	178.0	172.5	181.7	173.2 E3	4.59
* 4)	Mh	Gasoline (TPH)	173.3	160.7	178.0	172.5	181.7	173.2 E3	4.59
5)	S	4-bromofluorobenzene						0.0#	-1.00

Signal #2 Calibration Files
1 =CONFIRM.D 2 =CONFIRM.D 3 =CONFIRM.D
4 =CONFIRM.D 5 =016R0101.D

		Compound	1	2	3	4	5	Avg	%RSD
7)	MS	a,a,a-TFT-Surrogate #	22.0	19.9	20.6	19.3	17.8	19.9 E3	7.82
8)	M	Benzene #2	68.6	66.8	74.8	71.9	69.1	70.2 E3	4.44
9)	M	Toluene #2	62.7	61.5	68.3	65.5	62.5	64.1 E3	4.36
10)	M	Ethylbenzene #2	51.9	50.1	49.0	45.3	33.4	46.0 E3	16.11
11)	M	M+P Xylene #2	58.6	59.2	61.2	56.3	44.3	55.9 E3	12.03
12)	M	O-Xylene #2	49.8	48.0	48.4	45.2	36.0	45.5 E3	12.18
13)	S	4-bromofluorobenzene						0.0#	-1.00
14)	m	MTBE #2	8.2	8.0	7.5	8.8	9.5	8.4 E3	9.54
15)		Dicyclopentadiene						0.0#	-1.00

* Initial Calibration 05/13/96 for gasoline

(#) = Out of Range

Method : C:\HPCHEM\6\METHODS\AZMAT.M
Title :
Last Update : Fri Nov 08 09:17:01 1996 (for BTEX)
Response via : Initial Calibration

Continuing Calibration File: CCBTEX01.D

Min. RRF : 0.100 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%	
1	S	a,a,a-TFT-Surrogate	140.055	119.887	E3	14.4		0#
2	MH	lacquer thinner	106.713	0.000#	E3	100.0#		0#
*3	H	GASOLINE-C5-C10 (TPH)	173.245	189.163	E3	-9.2		0#
*4	Mh	Gasoline (TPH)	173.245	189.163	E3	-9.2		0#
5	S	4-bromofluorobenzene	0.000	0.000#		0.0		0#

Signal #2
Continuing Calibration File: CONFIRM.D

		Compound	AvgRF	CCRF		%Dev	Area%	
7	MS	a,a,a-TFT-Surrogate #2	19.933	18.686	E3	6.3		0#
8	M	Benzene #2	70.227	67.029	E3	4.6		0#
9	M	Toluene #2	64.075	62.045	E3	3.2		0#
10	M	Ethylbenzene #2	45.952	50.714	E3	-10.4		0#
11	M	M-P Xylene #2	55.912	60.451	E3	-8.1		0#
12	M	O-Xylene #2	45.491	48.691	E3	-7.0		0#
13	S	4-bromofluorobenzene #2	0.000	0.000#		0.0		0#
14	m	MTBE #2	8.379	0.079#	E3	99.1#		0#
15		Dicyclopentadiene	0.000	0.000#		0.0		0#

* Continuing calibration 11/11/96

(#) = Out of Range SPCC's out = 0 CCC's out = 0
CONFIRM.D AZMAT.M Mon Nov 11 10:04:17 1996 GC#9 Page 1

PLS Project No: 63131608
Analytical Method: EPA 418.1

ANALYTICAL RESULT FOR ORGANICS

Reporting Unit : mg/kg

Date Analyzed		11/12/96	11/12/96	11/12/96				
Date Extracted		11/12/96	11/12/96	11/12/96				
Lab Sample I.D.		Method Blank	6313160801	6313160812				
Client Sample I.D.		N/A	T-1-2	T-2-10				
Extraction Solvent		Freon	Freon	Freon				
Extraction Method		418.1	418.1	418.1				
Dilution Factor		1	1	1				
COMPOUND	MDL							
TRPH	5.0	ND	ND	ND				

SURROGATE	Spk Con	ACP %	% RC	%RC	%RC	% RC	% RC	% RC	% RC
N/A									

PLS Project No: 63131608
Analytical Method: EPA 418.1

QA/QC REPORT

II. Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)

Date Performed: 11/12/96
Batch # : 6317418.1-1
Lab Sample I.D. : 6317103802

Analytical Method: EPA 418.1
Unit: mg/kg

Analyte	Sample Result	Spike Conc.	MS	%MS	Spike Conc.D	MSD	%MSD	RPD	MS/MSD LIMIT	RPD LIMIT
TRPH	21	76.9	84.2	82	76.9	83.4	81	1	64-126	-20

II. Laboratory Quality Control Check Sample

Date Performed: 11/12/96
Supply Source: OCB Stock Solution
Lot Number: NA
Date of Source: 11/96

Analytical Method: EPA 418.1
Lab LCS I.D.: 6317LCS

Unit: mg/kg

Analyte	SPK Conc.	Result	% Recovery	ACP% Rec. Limit
TRPH (1)	57.7	53.4	93	80-120

PLS Project No: 63131608
Analytical Method: EPA 418.1

QA/QC Report

I. Calibration Standard

Date Performed: 11/12/96
Standard Supply Source: OCB Stock Solution
Instrument I.D.: Horiba OCMA 220 010024

Analytical Method: EPA 418.1
Date of Source: 11/96
Lot Number: NA

			CHECK STANDARD		
I.D.	Std. Ref. #	Conc. Set	T.V.	INST.	RPD
Freon	--	0.0	--	--	--
40 ppm OCB Std.	03151W1	40.0	--	--	--
40 ppm Check Std.	03152W2	--	40.0	40.8	2%
20 ppm OCB Std.	03153W1	--	20.0	19.8	1%

PLS Project No: 63131608

ANALYTICAL RESULTS FOR METALS
(FOR MULTIPLE METAL ANALYSES)

DATE DIGESTED (6010):			11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96
DATE ANALYZED (6010):			11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96	11/11/96
DATE DIGESTED (7471):			11/12/96	11/12/96	11/12/96	11/12/96	11/12/96	11/12/96	11/12/96	11/12/96
DATE ANALYZED (7471):			11/12/96	11/12/96	11/12/96	11/12/96	11/12/96	11/12/96	11/12/96	11/12/96
LAB SAMPLE I.D.			Method Blank	6313160801	6313160812	6313160823	6313160831	6313160833	6313160835	6313160837
CLIENT SAMPLE I.D.			---	T-1-2	T-2-2	P-2-10	P-3-55	P-4-55	P-5-55	P-6-55
DILUTION FACTOR			1	1	1	1	1	1	1	1
PREP: TCLP / CAL-WET / TM / DM			TM	TM	TM	TM	TM	TM	TM	TM
SAMPLE MATRIX			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
REPORTING UNIT: MG/KG MG/L			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METAL	METHOD	CRDL	MB	RESULTS						
Antimony	3050/6010	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	3050/6010	0.5	ND	2.4	2.2	3.1	2.6	2.7	1.6	3.1
Barium	3050/6010	1.0	ND	91	88	110	110	110	65	130
Beryllium	3050/6010	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	3050/6010	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	3050/6010	1.0	ND	12	11	16	14	15	7.4	16
Cobalt	3050/6010	1.0	ND	8.9	8.1	9.8	9.6	9.6	6.3	11
Copper	3050/6010	1.0	ND	17	12	19	17	18	8.5	20
Lead	3050/6010	0.5	ND	2.8	2.3	3.4	2.8	3.2	1.8	4.0
Molybdenum	3050/6010	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	3050/6010	1.0	ND	9.5	13	12	10	13	6.6	15
Selenium	3050/6010	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Silver	3050/6010	1.0	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	3050/6010	0.5	ND	1.8	1.2	ND	ND	ND	ND	ND
Vanadium	3050/6010	1.0	ND	31	31	39	35	39	21	39
Zinc	3050/6010	10	ND	56	50	62	57	63	38	70
Mercury	7471/7471	0.1	ND	ND	ND	ND	ND	ND	ND	ND

PLS Project No: 63131608

QA QC REPORT

I. MATRIX SPIKE(MS) / MATRIX SPIKE DUPLICATE (MSD)

LAB SAMPLE I.D.: 6313160801 Date Digested: 11/11/96

REPORTING UNIT: mg/kg

METAL	DATE ANALYZED	CONC. SPK	MS	%MS	MSD	%MSD	RPD	ACP %MS	ACP RPD
Antimony	11/11/96	100	35	35	29	29	19	60-140	÷20%
Arsenic	11/11/96	200	192	95	187	92	3	75-125	÷20%
Barium	11/11/96	200	270	90	258	84	7	75-125	÷20%
Beryllium	11/11/96	10	9.9	99	9.4	94	5	75-125	÷20%
Cadmium	11/11/96	10	9.6	96	9.4	94	2	75-125	÷20%
Chromium	11/11/96	40	47	88	47	88	<1	75-125	÷20%
Cobalt	11/11/96	100	96	87	93	84	4	75-125	÷20%
Copper	11/11/96	50	64	94	60	86	9	75-125	÷20%
Lead	11/11/96	100	91	88	89	86	2	75-125	÷20%
Molybdenum	11/11/96	400	358	90	342	86	5	75-125	÷20%
Nickel	11/11/96	100	98	89	95	86	3	75-125	÷20%
Selenium	11/11/96	200	184	92	184	92	<1	75-125	÷20%
Silver	11/11/96	10	9.6	96	8.8	88	9	60-140	÷20%
Thallium	11/11/96	200	183	91	183	91	<1	75-125	÷20%
Vanadium	11/11/96	100	124	93	123	92	1	75-125	÷20%
Zinc	11/11/96	100	149	93	149	93	<1	75-125	÷20%
Mercury	11/11/96	0.5	0.45	90	0.502	100	10	75-125	÷20%

PLS Project No: 63131608

Calibration Std: Lot #PLS2775W1 PE-Pure
LCS: Lot #PLS2740 PE-Pure

II. CALIBRATION, DETECTION LIMIT, AND LAB QUALITY CHECK SAMPLE

METAL	DATE	CALIBRATION RANGE	LCS @ CRDL	RESULT	%REC	LCS MID-LEVEL CONC.	RESULT	%RC
Antimony	11/11/96	0-5 ppm	0.06	0.070	117	100	89	89
Arsenic	11/11/96	0-1	0.01	0.0106	106	200	184	92
Barium	11/11/96	0-1	0.2	0.198	99	200	173	87
Beryllium	11/11/96	0-1	0.005	0.0053	106	10	9.4	94
Cadmium	11/11/96	0-5	0.005	0.0058	116	10	8.9	89
Chromium	11/11/96	0-5	0.01	0.0112	112	40	36	90
Cobalt	11/11/96	0-5	0.05	0.056	112	50	89	178
Copper	11/11/96	0-5	0.025	0.029	116	50	44	88
Lead	11/11/96	0-1	0.003	0.004	133	100	91	91
Molybdenum	11/11/96	0-5	0.100	0.122	122	400	356	89
Nickel	11/11/96	0-5	0.04	0.044	110	100	89	89
Selenium	11/11/96	0-1	0.005	0.0053	106	200	177	89
Silver	11/11/96	0-1	0.01	0.0119	119	10	8.95	89.5
Thallium	11/11/96	0-1	0.01	0.0090	90	200	178	89
Vanadium	11/11/96	0-5	0.05	0.059	118	100	91	91
Zinc	11/11/96	0-5	0.2	0.026	130	100	99	99
Mercury	11/11/96	0-10 ppb	--	--	--	0.5	0.505	101

PLS Project No: 63131608

III. INDUCTIVELY COUPLED PLASMA (ICP) INTERFERENCE CHECK SAMPLE AS SPECIFIED IN EPA 200.7/6010

Reporting Unit: mg/kg

METAL	DATE ANALYZED	TRUE CONC	INITIAL RUN		FINAL RUN	
			RESULT	%REC	RESULT	%REC
Antimony	11/11/96	1.0	1.14	114	1.00	100
Arsenic	11/11/96	1.0	1.12	112	1.05	105
Barium	11/11/96	0.5	0.52	104	0.46	92
Beryllium	11/11/96	0.5	0.50	100	0.47	94
Cadmium	11/11/96	1.0	0.99	99	0.90	90
Chromium	11/11/96	0.5	0.52	104	0.48	96
Cobalt	11/11/96	0.5	0.50	100	0.46	92
Copper	11/11/96	0.5	0.63	126	0.56	112
Lead	11/11/96	1.0	0.967	97	0.90	90
Molybdenum	11/11/96	1.0	1.20	120	1.10	110
Nickel	11/11/96	1.0	0.97	97	0.88	88
Selenium	11/11/96	1.0	1.17	117	1.06	106
Silver	11/11/96	1.0	1.15	115	1.03	103
Thallium	11/11/96	1.0	1.07	107	0.99	99
Vanadium	11/11/96	0.5	0.56	112	0.51	102
Zinc	11/11/96	1.0	1.16	116	1.06	106

PLS Project No: 60291100
Analytical Method: EPA 8260

ANALYTICAL RESULT FOR ORGANICS

Reporting Unit : ug/l

Date Analyzed		11/11/96	11/11/96	11/11/96	11/11/96		
Date Extracted		11/11/96	11/11/96	11/11/96	11/11/96		
Lab Sample I.D.		Method Blank	6313160801	6313160812	6313160823		
Client Sample I.D.		--	T-1-2	T-2-2	P-2-10		
Extraction Solvent		Water	Water	Water	Water		
Extraction Method		5030	5030	5030	5030		
Dilution Factor		1	1	1	1		
COMPOUND	MDL						
Chloromethane	4.0	ND	ND	ND	ND		
Vinyl Chloride	4.0	ND	ND	ND	ND		
Bromomethane	4.0	ND	ND	ND	ND		
Chloroethane	4.0	ND	ND	ND	ND		
Trichlorofluoromethane	4.0	ND	ND	ND	ND		
1.1-Dichloroethene	4.0	ND	ND	ND	ND		
Methylene Chloride	10	ND	ND	ND	ND		
Trans-1.2-Dichloroethene	4.0	ND	ND	ND	ND		
1.1-Dichloroethane	4.0	ND	ND	ND	ND		
cis-1.2-Dichloroethene	4.0	ND	ND	ND	ND		
2.2-Dichloropropane	4.0	ND	ND	ND	ND		
Chloroform	4.0	ND	ND	ND	ND		
1.1.1-Trichloroethane	4.0	ND	ND	ND	ND		
1.2-Dichloroethane	4.0	ND	ND	ND	ND		
Cis-1.3-Dichloropropene	4.0	ND	ND	ND	ND		
Benzene	4.0	ND	ND	ND	ND		
Carbon Tetrachloride	4.0	ND	ND	ND	ND		
Bromochloromethane	4.0	ND	ND	ND	ND		
1.2-Dichloropropane	4.0	ND	ND	ND	ND		
Trichloroethene	4.0	ND	ND	ND	ND		
Dibromomethane	4.0	ND	ND	ND	ND		
Bromodichloromethane	4.0	ND	ND	ND	ND		
Trans-1.3-Dichloropropene	4.0	ND	ND	ND	ND		
Toluene	4.0	ND	ND	ND	ND		
1.1.2-Trichloroethane	4.0	ND	ND	ND	ND		
1.3-Dichloropropane	4.0	ND	ND	ND	ND		
Dibromochloromethane	4.0	ND	ND	ND	ND		
1.2-Dibromoethane	4.0	ND	ND	ND	ND		
Tetrachloroethene (PCE)	4.0	ND	ND	ND	ND		
Chlorobenzene	4.0	ND	ND	ND	ND		
1.1.1.2-Tetrachloroethane	4.0	ND	ND	ND	ND		
Ethyl Benzene	4.0	ND	ND	ND	ND		

PLS Project No: 60291100
Analytical Method: EPA 8260

ANALYTICAL RESULT FOR ORGANICS, CONTINUED

Reporting Unit : ug/kg

COMPOUND	MDL	Method Blank	[illegible] T-1-2	[illegible] T-2-2	[illegible] T-2-13		
Para and Meta Xylenes	4.0	ND	ND	ND	ND		
Bromoform	4.0	ND	ND	ND	ND		
Styrene	4.0	ND	ND	ND	ND		
Ortho Xylene	4.0	ND	ND	ND	ND		
1.1.2.2-Tetrachloroethane	4.0	ND	ND	ND	ND		
Isopropylbenzene	4.0	ND	ND	ND	ND		
Bromobenzene	4.0	ND	ND	ND	ND		
2-Chlorotoluene	4.0	ND	ND	ND	ND		
n-Propylbenzene	4.0	ND	ND	ND	ND		
4-Chlorotoluene	4.0	ND	ND	ND	ND		
1.2.4-Trimethylbenzene	4.0	ND	ND	ND	ND		
Tert-Butylbenzene	4.0	ND	ND	ND	ND		
1.3.5-Trimethylbenzene	4.0	ND	ND	ND	ND		
1.3-Dichlorobenzene	4.0	ND	ND	ND	ND		
1.4-Dichlorobenzene	4.0	ND	ND	ND	ND		
Sec-Butylbenzene	4.0	ND	ND	ND	ND		
p-Isopropyltoluene	4.0	ND	ND	ND	ND		
1.2-Dichlorobenzene	4.0	ND	ND	ND	ND		
n-Butylbenzene	4.0	ND	ND	ND	ND		
1.2.4-Trichlorobenzene	4.0	ND	ND	ND	ND		
Naphthalene	4.0	ND	ND	ND	ND		
1.2.3-Trichlorobenzene	4.0	ND	ND	ND	ND		
Hexachlorobutadiene	4.0	ND	ND	ND	ND		
1.2-Dibromo-3-Chloropropane	4.0	ND	ND	ND	ND		
1.1-Dichloropropene	4.0	ND	ND	ND	ND		
1.2.3-Trichloropropane	4.0	ND	ND	ND	ND		
Acetone (EPA 8240)	80	ND	ND	ND	ND		
2-Butanone (EPA 8240)	40	ND	ND	ND	ND		

SURROGATE	Spk Con	ACP %	% RC	% RC	%RC	% RC	% RC	% RC
Dibromofluoromethane	20	80-120	88	91	88	90		
Toluene D8	20	81-117	103	101	101	100		
4-Bromofluorobenzene	20	74-121	100	102	102	101		

Project No: 63131608
Analytical Method: EPA 8260

QA/QC REPORT

II. Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)

Date Performed: 11/11/96

Analytical Method 8260

Batch # : 63168260-1

Unit: ug/kg

Lab Sample I.D. : -6313160815

Analyte	Sample Result	Spike Conc.	MS	%MS	Spike Conc.D	MSD	%MSD	RPD	MS/MSD LIMIT	RPD LIMIT
1,1-Dichloroethene	ND	20	17.0	85	20	16.8	84	1	59-170	≤20
Trichloroethene	ND	20	17.5	88	20	17.7	89	1	68-143	≤20
Benzene	ND	20	19.8	99	20	20.5	103	4	76-141	≤20
Toluene	ND	20	19.7	99	20	20.4	102	3	68-149	≤20
Chlorobenzene	ND	20	20.8	104	20	21.1	106	2	79-132	≤20

EPI LCS.

POSITIVE LAB SERVICE

File:8260 soil LCS Date:11/11/96

Operator:Azmat M Imam

Number	Compound	Scan Number	Amount	%REC
1	Pentafluorobenzene	701	20.00	100
2	dichlorodifluoromethane	28	20.48	102
3	chloromethane	55	19.82	99
4	vinyl chloride	69	21.29	106
5	bromomethane	114	20.11	101
6	chloroethane	130	21.23	106
7	trichlorofluoromethane	173	20.92	105
8	1,1-dichloroethene	262	21.54	108
9	methylene chloride	356	12.47	62
10	trans-1,2-dichloroethene	408	20.74	104
11	1,1-dichloroethane	488	21.14	106
12	2,2-dichloropropane	594	20.40	102
13	cis-1,2-dichloroethene	597	20.99	105
14	bromochloromethane	639	20.37	102
15	chloroform	658	20.18	101
16	dibromofluoromethane	687	18.44	92
17	1,1,1-trichloroethane	686	20.70	104
18	1,4-difluorobenzene	829	20.00	100
19	carbon tetrachloride	716	20.66	103
20	1,1-dichloropropene	717	21.18	106
21	benzene	754	20.02	100
22	1,2-dichloroethane	758	20.83	104
23	trichloroethene	872	22.88	114
24	1,2-dichloropropane	911	20.86	104
25	dibromomethane	932	21.16	106
26	bromodichloromethane	964	20.76	104
27	cis-1,3-dichloropropene	1046	20.56	103
28	toluene-d8	1094	19.77	99
29	toluene	1106	19.31	97
30	trans-1,3-dichloropropene	1150	20.75	104
31	1,1,2-trichloroethane	1182	20.21	101
32	tetrachloroethene	1206	19.88	99
33	1,3-dichloropropane	1213	20.89	104
34	dibromochloromethane	1254	20.68	103
35	1,2-dibromoethane	1272	20.51	103
36	chlorobenzen d5	1362	20.00	100
37	chlorobenzene	1367	20.04	100
38	1,1,1,2-tetrachloroethane	1384	21.06	105
39	ethylbenzene	1391	20.47	102
40	m,p-xylene	1414	40.81	102
41	o-xylene	1490	20.36	102
42	styrene	1493	20.58	103
43	bromoform	1525	21.43	107
44	1,4-dichlorobenzene-d4	1818	20.00	100
45	isopropylbenzene	1563	20.94	105
46	4-bromofluorobenzene	1590	20.15	101
47	bromobenzene	1617	20.28	101
48	1,1,2,2-tetrachloroethane	1623	15.18	76
49	1,2,3-trichloropropane	1629	21.87	109
50	n-propylbenzene	1644	21.05	105
51	2-chlorotoluene	1657	20.83	104
52	4-chlorotoluene	1679	20.50	102
53	1,3,5-trimethylbenzene	1680	21.38	107
54	tert-butylbenzene	1743	21.55	108
55	1,2,4-trimethylbenzene	1753	21.27	106
56	sec-butylbenzene	1787	22.15	111
57	1,3-dichlorobenzene	1805	20.77	104
58	4-isopropyltoluene	1818	22.08	110
59	1,4-dichlorobenzene	1805	20.37	102
60	1,2-dichlorobenzene	1896	20.71	104
61	n-butylbenzene	1899	22.81	114
62	1,2-dibromo-3-chloropropane	2053	23.21	116
63	1,2,4-trichlorobenzene	2221	21.00	105
64	hexachlorobutadiene	2259	22.54	113
65	naphthalene	2269	22.95	115
66	1,2,3-trichlorobenzene	2319	21.82	109

Response Factor Report HP GC/MS

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Wed Nov 06 13:03:44 1996
Response via : Initial Calibration

Calibration Files
1 =CV50PPB.D 2 =CC20PPB.D 3 =CV100PPB.D
4 =CV10PPB.D 5 =CV01PPB.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	dichlorodifluorometha	0.383	0.493	0.387	0.469	0.413	0.429	11.58
3)	P	chloromethane	0.516	0.620	0.504	0.586	0.606	0.566	9.37
4)	C	vinyl chloride	0.492	0.586	0.475	0.539	0.463	0.511	9.98
5)	T	bromomethane	0.128	0.155	0.123	0.153	0.164	0.144	12.59
6)	T	chloroethane	0.300	0.378	0.258	0.338	0.364	0.328	14.96
7)	T	trichlorofluoromethan	0.635	0.777	0.606	0.721	0.636	0.675	10.58
8)	MC	1,1-dichloroethene	0.400	0.482	0.377	0.435	0.410	0.421	9.52
9)	T	methylene chloride	0.548	0.683	0.503	0.737	~~2.625~~	~~1.319~~	~~88.54~~
10)	T	trans-1,2-dichloroeth	0.515	0.611	0.492	0.572	0.495	0.537	9.76
11)	P	1,1-dichloroethane	0.821	0.955	0.776	0.888	0.823	0.852	8.18
12)	T	2,2-dichloropropane	0.652	0.765	0.624	0.699	0.659	0.680	8.02
13)	T	cis-1,2-dichloroethen	0.547	0.629	0.509	0.585	0.540	0.562	8.26
14)	T	bromochloromethane	0.309	0.364	0.295	0.348	0.335	0.330	8.61
15)	C	chloroform	0.781	0.914	0.743	0.899	0.881	0.844	9.06
16)	S	dibromofluoromethane	0.302	0.303	0.295	0.285	0.313	0.300	3.48
17)	T	1,1,1-trichloroethane	0.658	0.782	0.637	0.715	0.652	0.689	8.69
18)	I	1,4-difluorobenzene	----------ISTD----------						
19)	T	carbon tetrachloride	0.403	0.465	0.401	0.436	0.364	0.414	9.29
20)	T	1,1-dichloropropene	0.427	0.501	0.413	0.485	0.387	0.442	11.00
21)	M	benzene	1.349	1.557	1.274	1.488	1.449	1.423	7.89
22)	T	1,2-dichloroethane	0.393	0.440	0.375	0.415	0.390	0.403	6.23
23)	M	trichloroethene	0.388	0.445	0.367	0.512	0.402	0.423	13.60
24)	C	1,2-dichloropropane	0.343	0.398	0.326	0.366	0.353	0.357	7.64
25)	T	dibromomethane	0.231	0.269	0.223	0.240	0.242	0.241	7.27
26)	T	bromodichloromethane	0.406	0.457	0.388	0.413	0.383	0.409	7.14
27)	T	cis-1,3-dichloroprope	0.529	0.601	0.496	0.541	0.467	0.527	9.59
28)	S	toluene-d8	0.710	0.700	0.688	0.692	0.689	0.696	1.35
29)	MC	toluene	0.831	0.994	0.780	0.919	0.968	0.899	10.09
30)	T	trans-1,3-dichloropro	0.469	0.528	0.445	0.464	0.393	0.460	10.49
31)	T	1,1,2-trichloroethane	0.256	0.290	0.243	0.268	0.268	0.265	6.60
32)	T	tetrachloroethene	0.435	0.576	0.425	0.515	0.476	0.485	12.79
33)	T	1,3-dichloropropane	0.526	0.598	0.494	0.546	0.514	0.535	7.37
34)	T	dibromochloromethane	0.383	0.426	0.372	0.369	0.295	0.369	12.83
35)	T	1,2-dibromoethane	0.352	0.399	0.334	0.362	0.360	0.361	6.60
36)	I	chlorobenzen d5	----------ISTD----------						
37)	MP	chlorobenzene	0.920	1.124	0.820	1.063	0.996	0.985	12.11
38)	T	1,1,1,2-tetrachloroet	0.327	0.394	0.293	0.357	0.270	0.328	15.07
39)	C	ethylbenzene	1.399	1.770	1.268	1.618	1.482	1.507	12.90

(#) = Out of Range

Response Factor Report HP GC/MS

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Wed Nov 06 13:03:44 1996
Response via : Initial Calibration

Calibration Files
1 =CV50PPB.D 2 =CC20PPB.D 3 =CV100PPB.D
4 =CV10PPB.D 5 =CV01PPB.D

		Compound	1	2	3	4	5	Avg	%RSD
40)	T	m,p-xylene	0.531	0.680	0.469	0.610	0.592	0.576	13.90
41)	T	o-xylene	0.521	0.654	0.460	0.601	0.562	0.560	13.30
42)	T	styrene	0.935	1.146	0.833	1.031	0.909	0.971	12.47
43)	P	bromoform	0.310	0.351	0.285	0.292	0.229	0.293	13.09
44)	I	1,4-dichlorobenzene-d	----------ISTD----------						
45)	T	isopropylbenzene	2.272	3.147	2.329	2.653	2.488	2.577	13.63
46)	S	4-bromofluorobenzene	0.949	0.964	0.958	0.938	0.906	0.943	2.42
47)	T	bromobenzene	0.825	1.048	0.821	0.959	0.871	0.905	10.76
48)	P	1,1,2,2-tetrachloroet	0.614	0.730	0.611	0.436	0.696	0.621	17.07
49)	T	1,2,3-trichloropropan	0.560	0.653	0.555	0.586	0.631	0.597	7.28
50)	T	n-propylbenzene	2.739	3.814	2.792	3.088	2.957	3.078	14.09
51)	T	2-chlorotoluene	1.630	2.135	1.631	1.883	1.712	1.798	11.94
52)	T	4-chlorotoluene	1.827	2.435	1.827	2.158	2.018	2.055	12.47
53)	T	1,3,5-trimethylbenzen	1.850	2.571	1.839	2.204	2.075	2.108	14.30
54)	T	tert-butylbenzene	1.014	1.406	1.051	1.130	1.102	1.141	13.61
55)	T	1,2,4-trimethylbenzen	1.868	2.583	1.908	2.202	2.227	2.158	13.38
56)	T	sec-butylbenzene	2.429	3.466	2.517	2.553	2.558	2.705	15.85
57)	T	1,3-dichlorobenzene	1.300	1.785	1.288	1.523	1.474	1.474	13.75
58)	T	4-isopropyltoluene	1.962	2.755	2.001	2.095	2.138	2.190	14.78
59)	T	1,4-dichlorobenzene	1.323	1.785	1.313	1.587	1.513	1.504	13.09
60)	T	1,2-dichlorobenzene	1.217	1.632	1.203	1.436	1.418	1.381	12.84
61)	T	n-butylbenzene	1.821	2.577	1.921	1.841	1.890	2.010	15.89
62)	T	1,2-dibromo-3-chlorop	0.100	0.107	0.102	0.090	0.092	0.098	7.31
63)	T	1,2,4-trichlorobenzen	0.857	1.224	0.890	0.995	1.011	0.996	14.45
64)	T	hexachlorobutadiene	0.545	0.753	0.585	0.532	0.605	0.604	14.64
65)	T	naphthalene	1.785	2.292	1.901	2.035	1.558	1.914	14.34
66)	T	1,2,3-trichlorobenzen	0.786	1.121	0.827	0.905	0.798	0.887	15.62
67)		MTBE(Propane,2-methox	1.565	1.667	1.592	1.635	2.106	1.713	13.02

(#) = Out of Range

Quantitation Report

Data File : C:\HPCHEM\1\DATA\111196\CC20PPB1.D
Acq On : 11 Nov 96 9:45 am
Sample : Daily Cal 20ppb
Misc :
Quant Time: Nov 11 10:10 1996

Vial: 4
Operator: AZMAT IMAM
Inst : HP GC/MS
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Thu Nov 07 07:42:17 1996
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.84	168	685847	20.00 ppb	0.00
18) 1,4-difluorobenzene	8.99	114	991512	20.00 ppb	-0.02
36) chlorobenzen d5	13.80	117	1002575	20.00 ppb	0.00
44) 1,4-dichlorobenzene-d4	17.91	152	530263	20.00 ppb	0.00
System Monitoring Compounds					**%Recovery**
16) dibromofluoromethane	7.72	113	190024	18.50 ppb	92.50%
28) toluene-d8	11.38	98	706487	20.48 ppb	102.40%
46) 4-bromofluorobenzene	15.86	95	499484	19.98 ppb	99.89%
Target Compounds					**Qvalue**
2) dichlorodifluoromethane	1.80	85	306897	20.85 ppb	96
3) chloromethane	2.03	50	395634	20.37 ppb	100
4) vinyl chloride	2.16	62	368237	21.01 ppb	100
5) bromomethane	2.56	96	95647	19.31 ppb	98
6) chloroethane	2.71	64	231422	20.59 ppb	97
7) trichlorofluoromethane	3.08	101	470888	20.33 ppb	99
8) 1,1-dichloroethene	3.90	96	294837	20.44 ppb	99
9) methylene chloride	4.75	84	429346	12.28 ppb	94
10) trans-1,2-dichloroethene	5.21	96	381089	20.70 ppb	98
11) 1,1-dichloroethane	5.93	63	606559	20.75 ppb	98
12) 2,2-dichloropropane	6.88	77	480164	20.60 ppb	91
13) cis-1,2-dichloroethene	6.91	96	407161	21.12 ppb	90
14) bromochloromethane	7.30	128	230340	20.34 ppb	99
15) chloroform	7.46	83	587201	20.30 ppb	99
17) 1,1,1-trichloroethane	7.71	97	496854	21.04 ppb	93
19) carbon tetrachloride	7.98	117	424917	20.72 ppb	96
20) 1,1-dichloropropene	7.99	75	464524	21.18 ppb	93
21) benzene	8.31	78	1448058	20.52 ppb	97
22) 1,2-dichloroethane	8.36	62	413092	20.70 ppb	96
23) trichloroethene	9.39	95	444404	21.20 ppb	92
24) 1,2-dichloropropane	9.74	63	366395	20.68 ppb	100
25) dibromomethane	9.94	93	247411	20.72 ppb	96
26) bromodichloromethane	10.21	83	422360	20.81 ppb	96
27) cis-1,3-dichloropropene	10.95	75	546522	20.93 ppb	89
29) toluene	11.48	92	902396	20.26 ppb	91
30) trans-1,3-dichloropropene	11.89	75	473981	20.79 ppb	86
31) 1,1,2-trichloroethane	12.18	83	268602	20.44 ppb	94
32) tetrachloroethene	12.39	166	497417	20.67 ppb	97
33) 1,3-dichloropropane	12.46	76	547636	20.63 ppb	98
34) dibromochloromethane	12.82	129	389074	21.27 ppb	98
35) 1,2-dibromoethane	12.99	107	367965	20.54 ppb	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\111196\CC20PPB1.D
Acq On : 11 Nov 96 9:45 am
Sample : Daily Cal 20ppb
Misc :
Quant Time: Nov 11 10:10 1996

Vial: 4
Operator: AZMAT IMAM
Inst : HP GC/MS
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Thu Nov 07 07:42:17 1996
Response via : Multiple Level Calibration

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
37)	chlorobenzene	13.84	112	1019214	20.65	ppb		92
38)	1,1,1,2-tetrachloroethane	14.00	131	357376	21.74	ppb		96
39)	ethylbenzene	14.06	91	1613829	21.36	ppb		95
40)	m,p-xylene	14.26	106	1224586	42.39	ppb	#	82
41)	o-xylene	14.95	106	597028	21.28	ppb		98
42)	styrene	14.98	104	1038838	21.35	ppb		89
43)	bromoform	15.26	173	318254	21.64	ppb		95
45)	isopropylbenzene	15.61	105	1474412	21.58	ppb		96
47)	bromobenzene	16.09	156	497108	20.72	ppb	#	89
48)	1,1,2,2-tetrachloroethane	16.16	83	291701	17.71	ppb		98
49)	1,2,3-trichloropropane	16.20	75	313990	19.83	ppb		99
50)	n-propylbenzene	16.34	91	1760013	21.57	ppb		90
51)	2-chlorotoluene	16.45	91	1004118	21.06	ppb		88
52)	4-chlorotoluene	16.66	91	1121022	20.58	ppb		88
53)	1,3,5-trimethylbenzene	16.66	105	1212064	21.69	ppb		96
54)	tert-butylbenzene	17.23	91	651099	21.53	ppb		89
55)	1,2,4-trimethylbenzene	17.32	105	1256020	21.95	ppb		93
56)	sec-butylbenzene	17.62	105	1592256	22.20	ppb		92
57)	1,3-dichlorobenzene	17.78	146	800109	20.47	ppb		93
58)	4-isopropyltoluene	17.90	119	1287461	22.17	ppb		91
59)	1,4-dichlorobenzene	17.95	146	824262	20.67	ppb		94
60)	1,2-dichlorobenzene	18.60	146	751754	20.53	ppb		93
61)	n-butylbenzene	18.64	91	1218568	22.87	ppb		87
62)	1,2-dibromo-3-chloropropan	20.03	75	55700	21.39	ppb		95
63)	1,2,4-trichlorobenzene	21.53	180	561672	21.28	ppb		97
64)	hexachlorobutadiene	21.88	225	355514	22.20	ppb		98
65)	naphthalene	21.96	128	1182796	23.31	ppb		100
66)	1,2,3-trichlorobenzene	22.41	180	525621	22.34	ppb		92
67)	MTBE(Propane,2-methoxy-2-m	5.25	73	57546	1.27	ppb	#	56

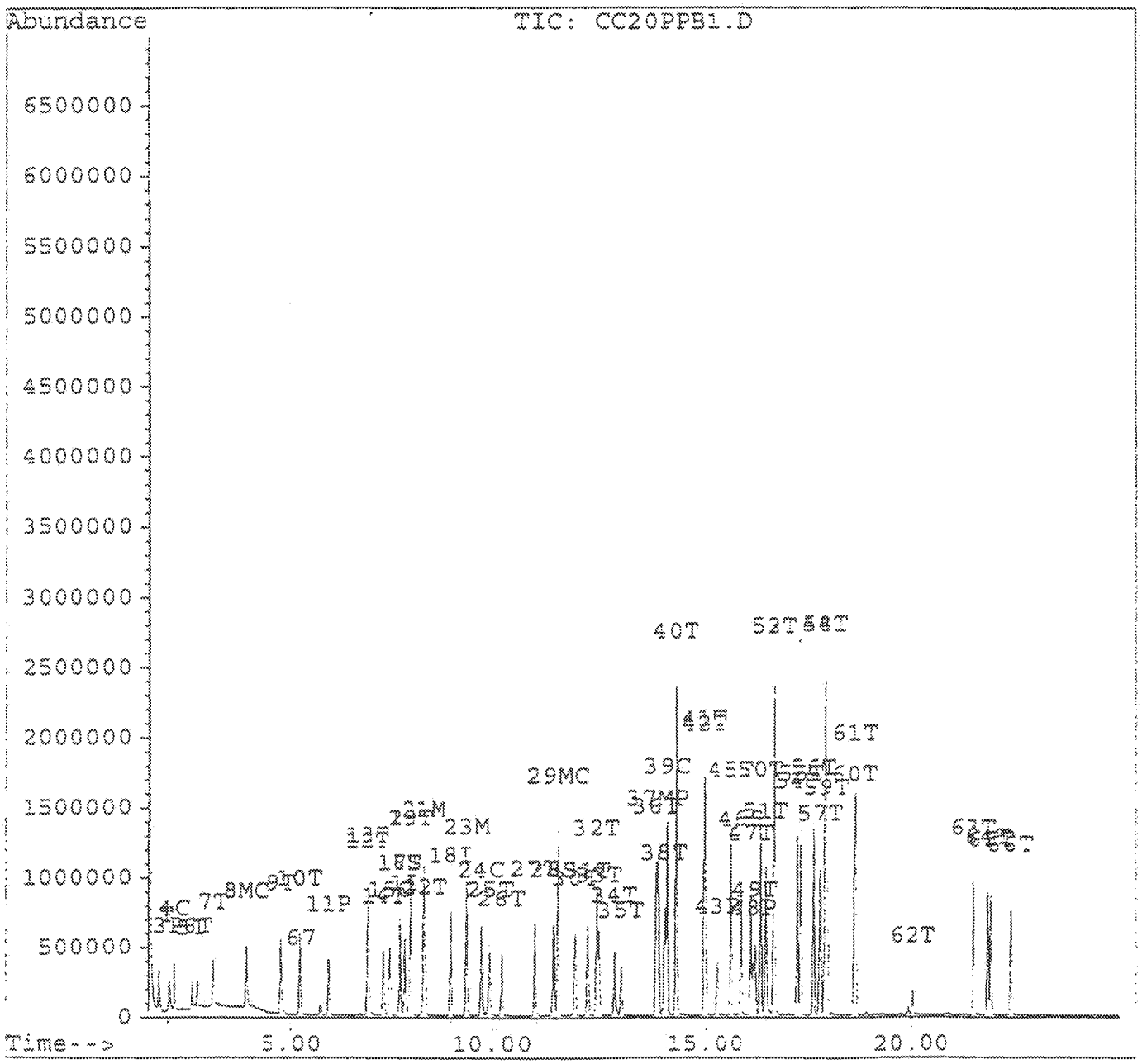
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\111196\CC20PPB1.D
Acq On : 11 Nov 96 9:45 am
Sample : Daily Cal 20ppb
Misc :
Quant Time: Nov 11 10:10 1996

Vial: 4
Operator: AZMAT IMAM
Inst : HP GC/MS
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Thu Nov 07 07:42:17 1996
Response via : Multiple Level Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\111196\CC20PPB1.D Vial: 4
Acq On : 11 Nov 96 9:45 am Operator: AZMAT IMAM
Sample : Daily Cal 20ppb Inst : HP GC/MS
Misc : Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Thu Nov 07 07:42:17 1996
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	103	0.00
2	T	dichlorodifluoromethane	0.429	0.447	-4.2	94	0.00
3	P	chloromethane	0.566	0.577	-1.9	96	0.00
4	C	vinyl chloride	0.511	0.537	-5.1	95	0.00
5	T	bromomethane	0.144	0.139	3.5	93	0.00
6	T	chloroethane	0.328	0.337	-2.9	92	-0.02
7	T	trichlorofluoromethane	0.675	0.687	-1.7	91	-0.02
8	MC	1,1-dichloroethene	0.421	0.430	-2.2	92	-0.03
9	T	methylene chloride	0.618 ~~1.019~~	0.626	1.29 ~~38.6#~~	95	-0.02
10	T	trans-1,2-dichloroethene	0.537	0.556	-3.5	94	-0.03
11	P	1,1-dichloroethane	0.852	0.884	-3.8	96	0.00
12	T	2,2-dichloropropane	0.680	0.700	-3.0	95	0.00
3	T	cis-1,2-dichloroethene	0.562	0.594	-5.6	97	-0.02
14	T	bromochloromethane	0.330	0.336	-1.7	95	0.02
15	C	chloroform	0.844	0.856	-1.5	97	0.00
16	S	dibromofluoromethane	0.300	0.277	7.5	95	0.00
17	T	1,1,1-trichloroethane	0.689	0.724	-5.2	96	0.00
18	I	1,4-difluorobenzene	1.000	1.000	0.0	103	-0.02
19	T	carbon tetrachloride	0.414	0.429	-3.6	95	0.00
20	T	1,1-dichloropropene	0.442	0.469	-5.9	96	0.00
21	M	benzene	1.423	1.460	-2.6	97	0.00
22	T	1,2-dichloroethane	0.403	0.417	-3.5	98	0.00
23	M	trichloroethene	0.423	0.448	-6.0	104	0.00
24	C	1,2-dichloropropane	0.357	0.370	-3.4	95	0.00
25	T	dibromomethane	0.241	0.250	-3.6	95	0.02
26	T	bromodichloromethane	0.409	0.426	-4.0	96	0.00
27	T	cis-1,3-dichloropropene	0.527	0.551	-4.6	94	0.00
28	S	toluene-d8	0.696	0.713	-2.4	105	0.00
29	MC	toluene	0.899	0.910	-1.3	94	-0.02
30	T	trans-1,3-dichloropropene	0.460	0.478	-3.9	93	0.00
31	T	1,1,2-trichloroethane	0.265	0.271	-2.2	96	-0.03
32	T	tetrachloroethene	0.485	0.502	-3.4	90	0.00
33	T	1,3-dichloropropane	0.535	0.552	-3.2	95	0.00
34	T	dibromochloromethane	0.369	0.392	-6.4	95	-0.01
35	T	1,2-dibromoethane	0.361	0.371	-2.7	96	-0.02
36	I	chlorobenzen d5	1.000	1.000	0.0	103	0.00
37	MP	chlorobenzene	0.985	1.017	-3.2	93	-0.02
38	T	1,1,1,2-tetrachloroethane	0.328	0.356	-8.7	93	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\111196\CC20PPB1.D Vial: 4
Acq On : 11 Nov 96 9:45 am Operator: AZMAT IMAM
Sample : Daily Cal 20ppb Inst : HP GC/MS
Misc : Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Thu Nov 07 07:42:17 1996
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	C	ethylbenzene	1.507	1.610	-6.8	94	0.00
40	T	m,p-xylene	0.576	0.611	-6.0	92	-0.02
41	T	o-xylene	0.560	0.595	-6.4	94	0.00
42	T	styrene	0.971	1.036	-6.7	93	0.00
43	P	bromoform	0.293	0.317	-8.2	93	-0.02
44	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
45	T	isopropylbenzene	2.577	2.781	-7.9	93	0.00
46	S	4-bromofluorobenzene	0.943	0.942	0.1	102	0.00
47	T	bromobenzene	0.905	0.937	-3.6	94	-0.02
48	P	1,1,2,2-tetrachloroethane	0.621	0.550	11.5	79	0.00
49	T	1,2,3-trichloropropane	0.597	0.592	0.8	95	0.00
50	T	n-propylbenzene	3.078	3.319	-7.8	91	0.00
51	T	2-chlorotoluene	1.798	1.894	-5.3	93	-0.02
52	T	4-chlorotoluene	2.055	2.114	-2.9	91	0.00
53	T	1,3,5-trimethylbenzene	2.108	2.286	-8.4	93	-0.02
54	T	tert-butylbenzene	1.141	1.228	-7.6	91	-0.01
55	T	1,2,4-trimethylbenzene	2.158	2.369	-9.8	96	-0.02
56	T	sec-butylbenzene	2.705	3.003	-11.0	91	-0.02
57	T	1,3-dichlorobenzene	1.474	1.509	-2.4	89	0.00
58	T	4-isopropyltoluene	2.190	2.428	-10.8	92	-0.02
59	T	1,4-dichlorobenzene	1.504	1.554	-3.3	91	-0.02
60	T	1,2-dichlorobenzene	1.381	1.418	-2.7	91	-0.02
61	T	n-butylbenzene	2.010	2.298	-14.3	93	0.00
62	T	1,2-dibromo-3-chloropropane	0.098	0.105	-7.0	103	0.02
63	T	1,2,4-trichlorobenzene	0.996	1.059	-6.4	91	-0.02
64	T	hexachlorobutadiene	0.604	0.670	-11.0	93	-0.02
65	T	naphthalene	1.914	2.231	-16.5	102	-0.02
66	T	1,2,3-trichlorobenzene	0.887	0.991	-11.7	93	-0.02
67		MTBE(Propane,2-methoxy-2-me	1.713	0.109	93.7#	7#	0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\111196\CC20PPB.D Vial: 2
Acq On : 11 Nov 96 8:38 am Operator: AZMAT IMAM
Sample : Daily Cal 20ppb Inst : HP GC/MS
Misc : Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZM8240.M
Title : VOA Standards for 5 point calibration
Last Update : Tue Oct 29 13:46:23 1996
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	99	0.00
2	P	Chloromethane	1.697	1.602	5.6	99	0.00
3	T	Bromomethane	0.501	0.425	15.1	95	-0.02
4	C	Vinyl Chloride	1.703	1.602	5.9	94	0.00
5	T	Chloroethane	0.919	0.895	2.7	86	-0.04
6	T	Methylene Chloride	~~4.363~~	2.035	~~53.3#~~	96	-0.03
7	T	Acetone	0.763	0.828	-8.5	101	0.00
8	T	Carbon Disulfide	3.893	3.681	5.4	98	0.00
9	MC	1,1-Dichloroethene	1.459	1.346	7.7	95	-0.03
10	P	1,1-Dichloroethane	2.853	2.871	-0.6	104	0.00
11	T	Trans-1,2-Dichloroethane	1.748	1.748	0.0	103	-0.03
12	C	Chloroform	2.735	2.758	-0.8	104	0.00
13	S	1,2-Dichloroethane-d4	1.601	1.576	1.6	97	0.00
14	T	1,2-Dichloroethane	1.948	1.980	-1.7	104	0.00
15	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
16	T	2-Butanone	0.170	0.171	-0.4	102	0.00
17	T	1,1,1-Trichloroethane	0.401	0.410	-2.2	104	0.00
18	T	Carbon Tetrachloride	0.349	0.366	-5.0	104	0.00
19	T	Vinyl Acetate	0.411	0.371	9.8	84	-0.05
20	T	Bromodichloromethane	0.349	0.368	-5.3	106	0.00
21	C	1,2-Dichloropropane	0.298	0.315	-5.6	109	0.00
22	T	cis-1,3-Dichloropropene	0.451	0.473	-5.0	104	0.00
23	M	Trichloroethene	0.399	0.437	-9.7	111	0.00
24	M	Benzene	1.196	1.203	-0.6	104	0.00
25	T	Dibromochloromethane	0.312	0.334	-7.0	104	0.00
26	T	trans-1,3-Dichloropropene	0.395	0.408	-3.4	102	0.00
27	T	1,1,2-Trichloroethane	0.271	0.280	-3.4	100	0.00
28	P	Bromoform	0.256	0.285	-11.2	108	0.00
29	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
30	T	4-Methyl-2-Pentanone	0.372	0.377	-1.4	103	0.00
31	T	2-Hexanone	0.269	0.270	-0.3	110	0.00
32	P	1,1,2,2-Tetrachloroethane	0.349	0.313	10.4	91	0.00
33	T	Tetrachloroethene	0.391	0.398	-1.8	107	0.00
34	S	Toluene-d8	1.286	1.279	0.6	99	0.00
35	MC	Toluene	0.938	0.930	0.8	106	0.00
36	MP	Chlorobenzene	1.064	1.094	-2.9	106	0.00
37	C	Ethylbenzene	0.533	0.550	-3.2	107	-0.02
38	S	Bromofluorobenzene	0.471	0.480	-2.0	102	0.00

(#) = Out of Range

Quantitation Report

Data File : C:\HPCHEM\1\DATA\111196\CC20PPB.D
Acq On : 11 Nov 96 8:38 am
Sample : Daily Cal 20ppb
Misc :
Quant Time: Nov 11 9:03 1996

Vial: 2
Operator: AZMAT IMAM
Inst : HP GC/MS
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZM8240.M
Title : VOA Standards for 5 point calibration
Last Update : Tue Oct 29 13:46:23 1996
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Bromochloromethane	7.29	128	194512	20.00 ug/l	0.00
15) 1,4-Difluorobenzene	8.99	114	1106996	20.00 ug/l	0.00
29) Chlorobenzene-d5	13.80	117	917815	20.00 ug/l	0.00
System Monitoring Compounds					%Recovery
13) 1,2-Dichloroethane-d4	8.23	65	306510	19.68 ug/l	98.41%
34) Toluene-d8	11.37	98	1173721	19.89 ug/l	99.43%
38) Bromofluorobenzene	15.85	95	440930	20.39 ug/l	101.97%
Target Compounds					Qvalue
2) Chloromethane	2.03	50	311530	18.87 ug/l	100
3) Bromomethane	2.55	94	82702	16.98 ug/l	90
4) Vinyl Chloride	2.16	62	311621	18.82 ug/l	97
5) Chloroethane	2.69	64	173994	19.46 ug/l	92
6) Methylene Chloride	4.74	84	395922	9.33 ug/l	97
7) Acetone	4.03	43	161004	21.69 ug/l	100
8) Carbon Disulfide	4.20	76	716057	18.91 ug/l	100
9) 1,1-Dichloroethene	3.89	96	261868	18.46 ug/l #	87
10) 1,1-Dichloroethane	5.92	63	558372	20.12 ug/l	99
11) Trans-1,2-Dichloroethane	5.20	96	339938	20.00 ug/l	91
12) Chloroform	7.46	83	536423	20.17 ug/l	99
14) 1,2-Dichloroethane	8.36	62	385155	20.33 ug/l	98
16) 2-Butanone	6.97	43	189394	20.08 ug/l	97
17) 1,1,1-Trichloroethane	7.70	97	453374	20.43 ug/l	95
18) Carbon Tetrachloride	7.97	117	405279	21.00 ug/l	94
19) Vinyl Acetate	6.07	43	410195	18.03 ug/l	100
20) Bromodichloromethane	10.21	83	406904	21.07 ug/l	94
21) 1,2-Dichloropropane	9.74	63	348417	21.11 ug/l	100
22) cis-1,3-Dichloropropene	10.95	75	524086	21.00 ug/l	98
23) Trichloroethene	9.38	130	483880	21.93 ug/l	98
24) Benzene	8.31	78	1331835	20.12 ug/l	100
25) Dibromochloromethane	12.82	129	369580	21.40 ug/l	97
26) trans-1,3-Dichloropropene	11.88	75	451813	20.68 ug/l	100
27) 1,1,2-Trichloroethane	12.15	97	310226	20.69 ug/l	98
28) Bromoform	15.26	173	315234	22.25 ug/l	98
30) 4-Methyl-2-Pentanone	11.23	43	346098	20.28 ug/l	91
31) 2-Hexanone	12.63	43	247826	20.07 ug/l	95
32) 1,1,2,2-Tetrachloroethane	16.15	83	287244	17.93 ug/l	94
33) Tetrachloroethene	12.39	164	365012	20.36 ug/l	97
35) Toluene	11.48	92	853697	19.84 ug/l	94
36) Chlorobenzene	13.84	112	1004203	20.57 ug/l	98
37) Ethylbenzene	14.05	106	504671	20.64 ug/l	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\111196\LCS20PPB.D
Acq On : 11 Nov 96 9:11 am
Sample : Daily LCS 20ppb
Misc :
Quant Time: Nov 11 9:36 1996

Vial: 3
Operator: AZMAT IMAM
Inst : HP GC/MS
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZM8240.M
Title : VOA Standards for 5 point calibration
Last Update : Tue Oct 29 13:46:23 1996
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Bromochloromethane	7.30	128	195516	20.00 ug/l	0.02
15) 1,4-Difluorobenzene	9.00	114	1130690	20.00 ug/l	0.02
29) Chlorobenzene-d5	13.80	117	950002	20.00 ug/l	0.00
System Monitoring Compounds					%Recovery
13) 1,2-Dichloroethane-d4	8.24	65	315860	20.18 ug/l	100.89%
34) Toluene-d8	11.38	98	1214363	19.88 ug/l	99.39%
38) Bromofluorobenzene	15.86	95	446052	19.93 ug/l	99.65%
Target Compounds					Qvalue
2) Chloromethane	2.03	50	366294	22.08 ug/l	96
3) Bromomethane	2.56	94	104909	21.43 ug/l	95
4) Vinyl Chloride	2.16	62	395178	23.74 ug/l	97
5) Chloroethane	2.71	64	216731	24.12 ug/l	98
6) Methylene Chloride	4.75	84	440915	10.34 ug/l	93
7) Acetone	4.03	43	114909	15.40 ug/l 77%	95
8) Carbon Disulfide	4.21	76	1009049	26.52 ug/l	100
9) 1,1-Dichloroethene	3.89	96	301216	21.13 ug/l #	82
10) 1,1-Dichloroethane	5.93	63	598238	21.45 ug/l	95
11) Trans-1,2-Dichloroethane	5.22	96	370410	21.68 ug/l	91
12) Chloroform	7.46	83	572487	21.42 ug/l	97
14) 1,2-Dichloroethane	8.37	62	405374	21.29 ug/l	99
16) 2-Butanone	6.98	43	136536	14.17 ug/l 71%	93
17) 1,1,1-Trichloroethane	7.71	97	495927	21.88 ug/l	96
18) Carbon Tetrachloride	7.98	117	432308	21.93 ug/l	99
19) Vinyl Acetate	0.00	43		Not Detected	
20) Bromodichloromethane	10.22	83	417014	21.14 ug/l	97
21) 1,2-Dichloropropane	9.74	63	365561	21.68 ug/l	97
22) cis-1,3-Dichloropropene	10.95	75	537988	21.11 ug/l	99
23) Trichloroethene	9.39	130	514231	22.82 ug/l	99
24) Benzene	8.32	78	1444336	21.36 ug/l	100
25) Dibromochloromethane	12.83	129	385520	21.86 ug/l	93
26) trans-1,3-Dichloropropene	11.89	75	466892	20.92 ug/l	98
27) 1,1,2-Trichloroethane	12.19	97	325329	21.24 ug/l	97
28) Bromoform	15.27	173	301510	20.83 ug/l	99
30) 4-Methyl-2-Pentanone	11.24	43	342751	19.40 ug/l	90
31) 2-Hexanone	12.64	43	200398	15.68 ug/l	93
32) 1,1,2,2-Tetrachloroethane	16.15	83	272253	16.42 ug/l	94
33) Tetrachloroethene	12.40	164	387990	20.91 ug/l	96
35) Toluene	11.49	92	893266	20.05 ug/l	99
36) Chlorobenzene	13.85	112	1029621	20.38 ug/l	100
37) Ethylbenzene	14.06	106	531671	21.01 ug/l	96

(#) = qualifier out of range (m) = manual integration

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\111196\STD01.D
Acq On : 11 Nov 96 4:05 pm
Sample : Final Standard
Misc :

Vial: 15
Operator: AZMAT IMAM
Inst : HP GC/MS
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Thu Nov 07 07:42:17 1996
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2	T	dichlorodifluoromethane	0.429	0.413	3.7	81	0.00
3	P	chloromethane	0.566	0.542	4.3	85	0.00
4	C	vinyl chloride	0.511	0.513	-0.3	85	0.00
5	T	bromomethane	0.144	0.138	4.2	87	0.00
6	T	chloroethane	0.328	0.334	-1.8	85	0.00
7	T	trichlorofluoromethane	0.675	0.664	1.7	83	0.00
8	MC	1,1-dichloroethene	0.421	0.428	-1.7	86	-0.03
9	T	methylene chloride	~~[illegible]~~	0.615	~~[illegible]~~	87	-0.02
10	T	trans-1,2-dichloroethene	0.537	0.530	1.2	84	-0.02
11	P	1,1-dichloroethane	0.852	0.861	-1.0	87	0.00
12	T	2,2-dichloropropane	0.680	0.670	1.4	85	0.00
	T	cis-1,2-dichloroethene	0.562	0.558	0.8	86	-0.02
14	T	bromochloromethane	0.330	0.321	2.8	85	0.01
15	C	chloroform	0.844	0.822	2.5	87	0.00
16	S	dibromofluoromethane	0.300	0.274	8.5	88	0.00
17	T	1,1,1-trichloroethane	0.689	0.667	3.1	83	0.00
18	I	1,4-difluorobenzene	1.000	1.000	0.0	97	0.00
19	T	carbon tetrachloride	0.414	0.393	5.0	82	0.00
20	T	1,1-dichloropropene	0.442	0.446	-0.9	86	0.00
21	M	benzene	1.423	1.402	1.5	87	0.00
22	T	1,2-dichloroethane	0.403	0.408	-1.4	90	0.00
23	M	trichloroethene	0.423	0.437	-3.3	95	0.00
24	C	1,2-dichloropropane	0.357	0.352	1.5	85	0.00
25	T	dibromomethane	0.241	0.230	4.5	83	0.01
26	T	bromodichloromethane	0.409	0.388	5.3	82	0.00
27	T	cis-1,3-dichloropropene	0.527	0.515	2.2	83	0.00
28	S	toluene-d8	0.696	0.696	-0.0	96	0.00
29	MC	toluene	0.899	0.853	5.1	83	0.00
30	T	trans-1,3-dichloropropene	0.460	0.452	1.6	83	0.00
31	T	1,1,2-trichloroethane	0.265	0.253	4.4	84	-0.02
32	T	tetrachloroethene	0.485	0.447	7.9	75	0.00
33	T	1,3-dichloropropane	0.535	0.524	2.0	85	0.00
34	T	dibromochloromethane	0.369	0.348	5.5	79	0.00
35	T	1,2-dibromoethane	0.361	0.349	3.6	84	0.00
	I	chlorobenzen d5	1.000	1.000	0.0	96	0.00
	MP	chlorobenzene	0.985	0.967	1.8	83	0.00
38	T	1,1,1,2-tetrachloroethane	0.328	0.324	1.1	79	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\111196\STD01.D
Acq On : 11 Nov 96 4:05 pm
Sample : Final Standard
Misc :

Vial: 15
Operator: AZMAT IMAM
Inst : HP GC/MS
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Thu Nov 07 07:42:17 1996
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	C	ethylbenzene	1.507	1.477	2.0	80	0.00
40	T	m,p-xylene	0.576	0.560	2.9	79	0.00
41	T	o-xylene	0.560	0.539	3.6	79	0.00
42	T	styrene	0.971	0.972	-0.1	81	0.00
43	P	bromoform	0.293	0.277	5.5	76	0.00
44	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
45	T	isopropylbenzene	2.577	2.428	5.8	74	0.00
46	S	4-bromofluorobenzene	0.943	0.958	-1.6	95	0.00
47	T	bromobenzene	0.905	0.874	3.4	80	0.00
48	P	1,1,2,2-tetrachloroethane	0.621	0.504	18.9	66	0.00
49	T	1,2,3-trichloropropane	0.597	0.558	6.5	82	0.00
50	T	n-propylbenzene	3.078	2.875	6.6	72	0.00
51	T	2-chlorotoluene	1.798	1.696	5.7	76	0.00
52	T	4-chlorotoluene	2.055	1.946	5.3	77	0.00
53	T	1,3,5-trimethylbenzene	2.108	1.971	6.5	74	0.00
54	T	tert-butylbenzene	1.141	1.081	5.2	74	-0.01
55	T	1,2,4-trimethylbenzene	2.158	2.035	5.7	76	0.00
56	T	sec-butylbenzene	2.705	2.620	3.1	73	0.00
57	T	1,3-dichlorobenzene	1.474	1.346	8.7	72	0.00
58	T	4-isopropyltoluene	2.190	2.119	3.3	74	-0.02
59	T	1,4-dichlorobenzene	1.504	1.391	7.6	75	0.00
60	T	1,2-dichlorobenzene	1.381	1.278	7.4	75	0.00
61	T	n-butylbenzene	2.010	2.028	-0.9	76	0.00
62	T	1,2-dibromo-3-chloropropane	0.098	0.085	13.0	77	0.02
63	T	1,2,4-trichlorobenzene	0.996	0.910	8.6	71	-0.02
64	T	hexachlorobutadiene	0.604	0.618	-2.4	79	-0.02
65	T	naphthalene	1.914	1.819	5.0	76	-0.02
66	T	1,2,3-trichlorobenzene	0.887	0.809	8.8	69	-0.02
67		MTBE(Propane,2-methoxy-2-me	1.713	0.110	93.6#	6#	0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report

Data File : C:\HPCHEM\1\DATA\111196\STD01.D
Acq On : 11 Nov 96 4:05 pm
Sample : Final Standard
Misc :
Quant Time: Nov 11 16:30 1996

Vial: 15
Operator: AZMAT IMAM
Inst : HP GC/MS
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\AZ8260.M
Title : SW-846 Method 8260
Last Update : Thu Nov 07 07:42:17 1996
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.84	168	643759	20.00 ppb	0.00
18) 1,4-difluorobenzene	9.00	114	932063	20.00 ppb	0.00
36) chlorobenzen d5	13.80	117	936141	20.00 ppb	0.00
44) 1,4-dichlorobenzene-d4	17.91	152	485934	20.00 ppb	0.00
System Monitoring Compounds					**%Recovery**
16) dibromofluoromethane	7.72	113	176426	18.30 ppb	91.49%
28) toluene-d8	11.38	98	648818	20.01 ppb	100.04%
46) 4-bromofluorobenzene	15.86	95	465601	20.32 ppb	101.61%
Target Compounds					**Qvalue**
2) dichlorodifluoromethane	1.80	85	266185	19.26 ppb	99
3) chloromethane	2.03	50	348890	19.14 ppb	98
4) vinyl chloride	2.16	62	330030	20.06 ppb	97
5) bromomethane	2.56	96	89133	19.17 ppb	94
6) chloroethane	2.72	64	214733	20.35 ppb	99
7) trichlorofluoromethane	3.09	101	427143	19.65 ppb	96
8) 1,1-dichloroethene	3.89	96	275388	20.34 ppb	92
9) methylene chloride	4.75	84	396176	12.08 ppb	94
10) trans-1,2-dichloroethene	5.22	96	341373	19.76 ppb	98
11) 1,1-dichloroethane	5.93	63	554164	20.20 ppb	98
12) 2,2-dichloropropane	6.89	77	431304	19.72 ppb	85
13) cis-1,2-dichloroethene	6.91	96	359099	19.85 ppb #	84
14) bromochloromethane	7.30	128	206589	19.43 ppb	94
15) chloroform	7.47	83	529293	19.49 ppb	99
17) 1,1,1-trichloroethane	7.71	97	429614	19.38 ppb	94
19) carbon tetrachloride	7.98	117	366307	19.00 ppb	98
20) 1,1-dichloropropene	7.99	75	415951	20.17 ppb	92
21) benzene	8.32	78	1306836	19.70 ppb	98
22) 1,2-dichloroethane	8.37	62	380542	20.28 ppb	96
23) trichloroethene	9.39	95	407018	20.65 ppb	99
24) 1,2-dichloropropane	9.75	63	328196	19.71 ppb	98
25) dibromomethane	9.93	93	214381	19.10 ppb	97
26) bromodichloromethane	10.22	83	361384	18.94 ppb	91
27) cis-1,3-dichloropropene	10.95	75	480121	19.56 ppb	91
29) toluene	11.49	92	794746	18.98 ppb	99
30) trans-1,3-dichloropropene	11.89	75	421673	19.67 ppb	94
31) 1,1,2-trichloroethane	12.18	83	236241	19.12 ppb	97
32) tetrachloroethene	12.40	166	416732	18.42 ppb	100
33) 1,3-dichloropropane	12.45	76	488775	19.59 ppb	100
34) dibromochloromethane	12.83	129	324793	18.89 ppb	98
35) 1,2-dibromoethane	12.99	107	324899	19.29 ppb	94

(#) = qualifier out of range (m) = manual integration

Erler & Kalinowski, Inc.

Consulting Engineers and Scientists

Santa Monica Business Park
2951 28th Street, Suite 1020
Santa Monica, California 90405
(310) 314-8855
Fax (310) 314-8860

10 December 1996

Mr. John Awujo
Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, California 91803

Subject: Report on Closure of Two Tanks at the
Jervis B. Webb Company Facility,
9301 Rayo Avenue, South Gate, California
(LACDPW File No. 017580-024024, Permit No. 175812)
(EKI 961025.01)

Dear Mr. Awujo:

On behalf of Jervis B. Webb Company ("Webb"), Erler and Kalinowski, Inc. ("EKI") is pleased to submit this report of underground storage tank closure work completed at the Webb facility located at 9301 Rayo Avenue, South Gate, California ("Site").

This report is organized to follow the format of the "Closure Report Requirements" section of the Los Angeles County Department of Public Works ("LACDPW") permit for tank closure at the Site.

1. Permits

The following permits were obtained for the project. Copies of permit documents are enclosed at Attachment A

LACDPW Closure Permit No. 175812
(LACDPW File No. 017580-024024)

City of South Gate Building and Safety Department Permit

The County of Los Angeles Fire Department ("LACFD") was contacted and determined that no LACFD permit was needed, however, a LACFD inspector did visit the site as noted below.

2. Plans

The following plans are enclosed as Attachment B:

Figure 1 -	Site Location Map
Figure 2 -	Location of Below Ground Concrete Structure and Sump
Figure 3-	Location of Soil Samples - Tanks 1 and 2
Figure 4-	Cross Section A-A' for Tank 2 Excavation

3. Soil Sample Collection and Handling Methods

All soil borings were performed using a hand auger. Following auguring to the desired depth at each location, a soil sample was then collected. Soil samples were collected using a 2-inch inner diameter, slide-hammer sampler. Soil samples were collected in pre-cleaned, 2-inch diameter brass liners.

All sampling equipment was decontaminated between each boring or sampling location using a non-phosphate detergent solution and rinse of potable and distilled water.

Sample liners retained for analysis were capped with Teflon sheets and plastic end caps, labeled with the date and time of collection, and placed in a cooler with ice, under chain-of-custody for transportation to the laboratory.

4. Sample Collection Times and Dates

Times and dates of soil sample collection are shown on the Chain of Custody forms and laboratory reports. These documents are enclosed in Attachment C.

5. Supervision of Soil Sampling

Soil sampling was completed under the supervision of Mr. Steven Miller of EKI, a California Registered Civil Engineer.

LACDPW Inspector Mr. David Dolphin was present at the Site on 8 November 1996 to observe soil sampling activities.

6. Chain-of-Custody Documentation

Chain of Custody forms are enclosed in Attachment C.

7. Tank and Sump Removal and Soil Excavation

Cornerstone Environmental Contractors, Inc. ("Cornerstone"), a California licensed contractor, performed tank cleaning, sawcutting and removal of concrete, excavation of soil, backfilling and compaction, and concrete resurfacing.

Inspector Tim Romero of the LACFD was present on the Site on 19 November 1996 to inspect site activities. South Gate inspector Mr. Major Sowell was on-site on 21 November to observe backfilling and compaction.

Belowground Concrete Structure (Tank 1). On 18 October 1996, Cornerstone performed triple-rinse cleaning of Tank 1 (see Figure 2). Tank 1 was initially cleaned by scraping, chipping and wire-brushing loose materials from the concrete and steel surfaces of the sump. Subsequently, the tank was rinsed using a 2500 psi pressure washer which removed loose materials from the surfaces in the structure. Wash water was then vacuumed from the floor of the structure and contained in DOT-approved, 55-gallon drums. The rinse process was repeated two additional times by Cornerstone.

After completion of tank cleaning, Mr. Steven Miller of EKI visually inspected the inside of the tank. No inlet or outlet pipes or obvious cracks, holes or significant erosion were observed.

On 8 November 1996, the concrete floor was broken in two locations to allow for soil sampling.

On 18 and 19 November 1996 the steel supports for the steel grates over the tank were removed and the concrete floor and side walls were broken and removed. The concrete floor of the tank was found to be approximately twelve inches thick.

The excavation was then backfilled and re-surfaced during 20 through 22 November 1996. Backfill materials were obtained from Cal-Mat in Irwindale. The backfill was compacted to 95% compaction and tested by Smith-Emery Company. A compaction testing report can be provided, if requested. The area was re-surfaced with a 6 inch thick concrete slab, with No. 4 steel reinforcement bar placed on 12 inch centers.

Sump (Tank 2). The sump consisted of a three foot diameter open-bottomed steel pipe, extending four feet below the floor level, with a man-hole type cover set in the concrete floor of the building (see Figure 2). On 18 October 1996 the cover of the structure was removed and the inside inspected. A layer of paint, approximately one to two inches thick, was observed on the gravely fill soil at the base of the structure. The fill appeared to be present over a 3 foot diameter area, matching the area of the steel pipe. The

sidewalls of the steel pipe appeared clean but rusted. A soil sample (P-1-2) was collected from the soil at the base of the structure, at approximately two feet below the paint layer.

The results of analysis for soil sample P-1-2 were reported in the Tank Closure Plan part of the LACDPW permit application. Laboratory reports are enclosed in Attachment C. Due to an elevated concentration of lead (1,600 mg/kg) in sample P-1-2, soil excavation was planned and implemented as part of sump closure.

An area of concrete, roughly 20 feet by 20 feet, and the steel pipe and manhole cover were removed on 18 November 1996. An area of approximately 7.5 feet by 9 feet, centered on the sump, was excavated to a depth of approximately 9 feet below floor level. Additional soil was removed from the center of the excavation (i.e., at the sump location) to a total depth of 15 feet below floor level. A total of approximately 30 to 35 cubic yards of soil were removed from the excavation. Excavated soil was stockpiled on the concrete floor of the building and covered with plastic sheeting.

The gravely fill material was observed to continue to the full depth of the excavation, 15 feet below floor level. The vertical extent of the fill material was not determined.

The excavation was backfilled, compacted, and re-surfaced during 20 through 22 November 1996, in the same manner as described above for Tank 1.

8. Soil Sampling and Analysis Results

Belowground Concrete Structure (Tank 1). On 8 November 1996, EKI collected soil samples T-1 and T-2 (see Figure 3) beneath the floor at each end of Tank 1. Each sample was collected approximately two feet below the concrete bottom of the tank. Sample T-1 was collected at the northerly end and sample T-2 was collected from beneath the bottom of a 1-foot deep pump-out located at the southerly end of the tank. Soil beneath the structure consisted of a moist and densely packed, sandy, micasceous silt.

Based on the results of analyses of soil samples T-1-2 and T-2-2, no petroleum hydrocarbons as TRPH (Method 418.1) or TPH (Method 8015m) were present above method detection limits in the soil sampled. No volatile organic compounds ("VOCs" by Method 8260) or elevated metals (CCR Title 26 metals) concentrations were detected. Laboratory reports are enclosed in Attachment C.

Sump (Tank 2). EKI collected five soil samples from the excavation (see Figure 3). Soil sample P-2-10 was collected from the floor of the excavation using a slide-hammer sampler. Soil sample P-2-10 was collected from native soil adjacent to the gravelly fill, as requested by Mr. Dolphin of the LACDPW. Four additional samples (P-3-5S through P-

6-5S) of native soil from the sidewalls of the excavation were collected from the bucket of Cornerstone's backhoe. Native soil consisted of a moist and densely packed, micasceous silty sand.

Based on the results of analyses of samples P-3-5S through P-6-5S and soil sample P-2-10 collected from the floor of the excavation, no elevated concentrations of metals (CCR Title 26 metals) are present in the soil sampled. Sample P-2-10 was also analyzed for VOCs (8260) and TPH (8015M), however, no VOCs or TPH were detected above method detection limits. Laboratory reports are enclosed in Attachment C.

9. Depth of Groundwater

A groundwater investigation at the former Dial facility property to the southeast, across Rayo Avenue, has found the depth to groundwater to be roughly 50 feet below ground surface.

10. Waste Disposal

The types of wastes to be disposed from tank closure activities include concrete, scrap steel, excavated soil, tank triple rinse decontamination water, and dry paint waste. The concrete and scrap steel have been transported off-site to recycling facilities. Samples from the excavated soil stockpile, rinse water, and dry paint waste have been collected and analyzed. The results of laboratory analyses are enclosed in Attachment D. Upon completion of waste profiling and acceptance of the wastes by appropriate facilites, these wastes will be be transported off-site for disposal. Documentation of disposal at an appropriate facility will be available and can be provided, if reqested.

11. Observations of Contamination.

The only observations of soil contamination related to tank closure activities were the presence of a layer of dried paint on the gravely fill of the sump (Tank 2) and the subsequent analysis of a sample of the underlying soil that indicated elevated lead in soil. This contaminated soil was remediated by removal and off-site disposal, as described above. Sampling results indicate that the detected contamination was removed.

12. Remedial Action Plan.

No further remedial action is planned.

13. Report Signature.

This report is signed by a California Registered Civil Engineer.

REQUEST FOR CLOSURE

On the basis of the results of completed closure activities, approval of closure for both Tanks 1 and 2 is requested.

If you have any questions regarding this report please call.

Very truly yours,

ERLER & KALINOWSKI, INC.

Steven G. Miller, C.E. 43419
Project Manager

enclosures:

Attachment A - Permit documents
Attachment B - Figures
Attachment C - Laboratory Reports and Chain of Custody Forms
Attachment D - Sample Analysis Results for Waste Disposal

cc: Mr. Eli Stanesa, Jervis B. Webb Company

Attachment A - Permit Documents

Los Angeles County Department of Public Works Permit

PERMIT APPLICATION SUPPLEMENT/NOTICE TO FILE

HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT

DUE DATE: _____

Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803-1331

RECEIVED
OCT 28 1996
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

DPW USE ONLY
FILE: BM5605-07
PERMIT: 91587
R/C GOOD:
SIC GOOD:
SIA GOOD:
SLK:

This form must accompany all tank permit applications to operate underground storage tanks. ***See instructions on back of this form***

IF THERE ARE NO UNDERGROUND TANKS AT THIS FACILITY, GO TO PARTS F & G.

(A)
Jervis B. Webb Company
FACILITY NAME
34375 West 12 Mile Road
MAILING ADDRESS
Farmington Hills, Mich. 48331
CITY STATE ZIP CODE
9301 Rayo Avenue, South Gate
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 _____

Number of tanks at facility 2

CLOSURE REQUESTED — TANK 1 OUT OF USE SINCE 1987 — TANK 2 OUT OF USE SINCE BEFORE 1985

(C) Assessor parcel identification (obtain from property tax bill):

Map Book Number 6222 Page Number 005 Parcel Number 015

(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. — not applicable
(4) HMUSP application fee (Complete Part E). ✓

(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 Eli Stawska Title ASSOCIATE GENERAL COUNSEL

Printed Name Eli Stawska Date 10.17.96

38-011 DPW REV. 7/96

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 175812
File R/C 017580-024024
Fee $285
Check [X] Cash [ ]

OWNER: Name Jervis B. Webb Company Phone (810) 553-1000
Mailing Address 34375 W. 12 Mile Road City Farmington Hills State MI Zip 48331

FACILITY:
Occupant Name Unoccupied Phone none
Site Address 9301 Rayo Avenue City South Gate Zip 90280
Mailing Address 34375 W. 12 Mile Road City Farmington Hills State MI Zip 48331
Contact Person Eli Stanesa Title Engineer
↳ Phone (810) 553-1000

CONTRACTOR [ ], complete below: OWNER/OPERATOR AS CONTRACTOR [X]
Name Phone
State License No. Class

CLOSURE REQUESTED:
[X] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure?
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [X] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
1	Concrete	Unknown	±6,500 gal	Water and Paint Mixture Last Used 1987.
2	STEEL	Unknown	±250 gal	Unknown

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 Eli Stanesa Date 10.17.96
(Print Name) ELI STANESA Phone (810) 553-1000
Owner [ ] Operator [ ] Contractor [ ]

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 [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

HARRY W. STONE
Director of Public Works
By John Troyer Date 10-28-96

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.: 175812 R
File No. I- 024024

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
SEE ATTACHED PROPOSED WORKPLAN DATED OCTOBER 24, 1996 FOR SOIL SAMPLING/ANALYSIS			

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.

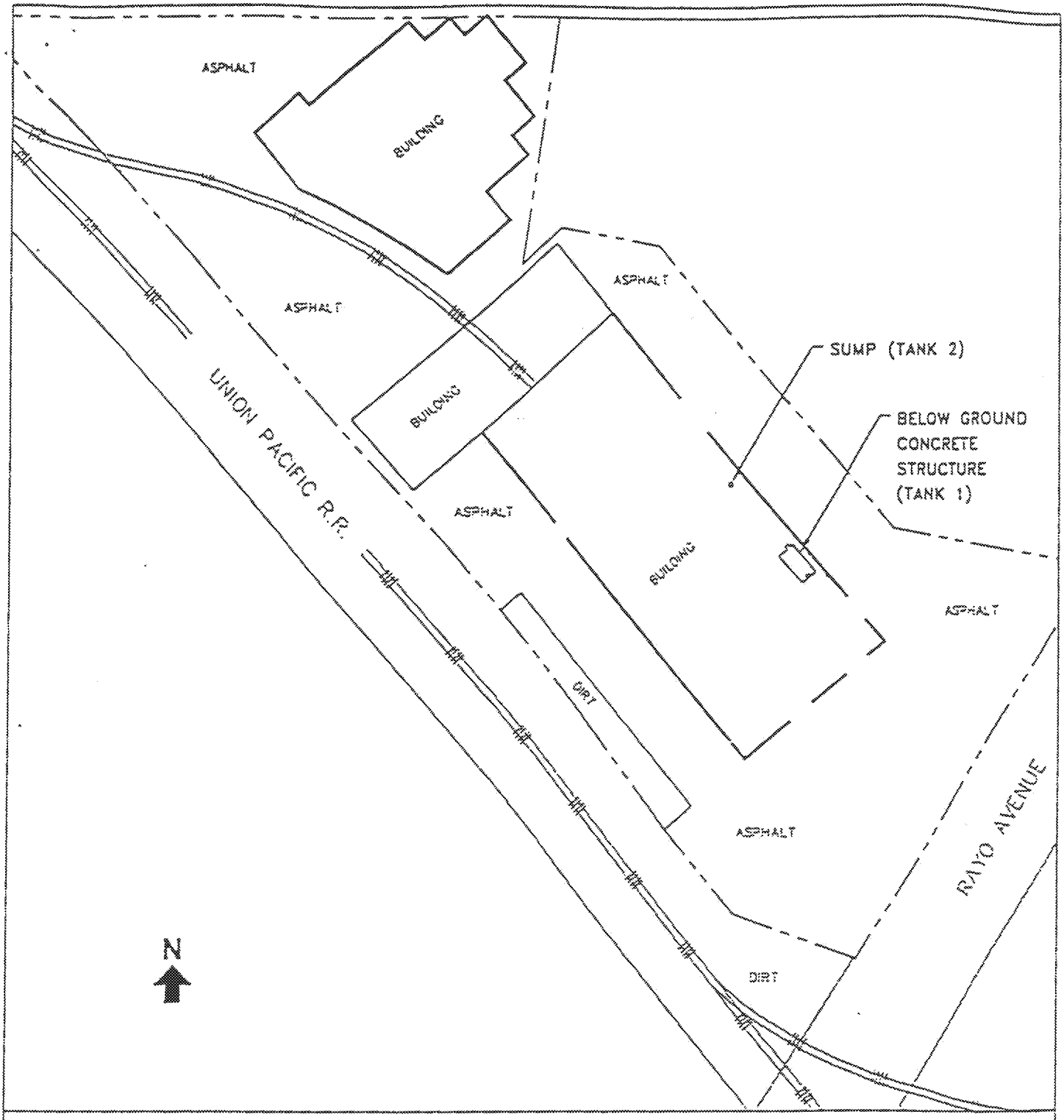
5. The analytical results for all soil samples shall be expressed milligrams per kilogram (mg/kg), or micrograms per kilogram (ug/kg) as appropriate. Practical quantitation limits of 5-10 ug/kg (ppb) for volatile organics and 1 mg/kg (ppm) for the petroleum hydrocarbons must be achieved by the laboratory. 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.



0 100 200
(Approximate Scale in Feet)

LEGEND

PROPERTY LINE/BOUNDARY

BUILDING

RAILROAD SPUR

Erler & Kalinowski, Inc.

Location of Below Ground Concrete Structure

J.B Webb Co.
9301 Rayo Avenue
South Gate, CA
October 1996
EKI 961025.01

Figure 1

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. [illegible] shall not exceed [illegible] 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 10 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, 15, 20 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

NOTICE TO CLOSURE PERMIT APPLICANTS

The South Coast Air Quality Management District (SCAQMD) has adopted Rul 1166 regulating emissions of Volatile Organic Compounds (VOC) fro decontamination of soil effective August 6, 1988.

In addition to the requirements of your Closure Permit, persons excavatin any underground storage tank that previously contained VOC's must:

- Notify the SCAQMD Executive Officer by telephone at (310) 403-600 24 hours prior to tank excavation. 1166(c)(1)(A)
- Monitor the excavated material during the excavation for VO contamination. 1166(c)(1)(B)
- When VOC contamination is detected:
  - Cease excavation
  - Cover the contaminated soil until implementation of approve mitigation measures. 1166(c)(1)(C)
  - Notify the SCAQMD Executive Officer at (714) 396-2000 withi 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 seepag 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) 396-2000

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Waste Management 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 CAL/EPA Department of Toxic Substance Control 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 rinseate.

11. Any observations of site contamination.

12. Remedial action plan to mitigate contamination.

13. 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 ELI STANESA ASSOCIATE GENERAL COUNSEL

Signature Eli Stanesa Date 10.17.96

ATTENTION CONTRACTOR

NOTIFICATION/PERMIT REQUIREMENTS

This Closure Authorization is issued subject to compliance with all applicable laws and regulation 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, an Transportation regulations.

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations o the attached Hazardous Materials Underground Storage Closure Authorization, you are require to complete ALL of the agency notifications indicated below within the time period specified prio 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, Monday through Friday, between 8:00 a.m. and 9:30 a.m. ONLY.<<<

[ ] BELLFLOWER AREA - (310) 804-2584
16600 Civic Center Dr., Suite 200, Bellflower, CA 90607

[ ] CENTINELA VALLEY AREA - (310) 534-4862 or 534-4859
24320 S. Narbonne Ave., Lomita, CA 90717

[X] LENNOX AREA - (310) 534-4862 or 534-4859
24320 S. Narbonne Ave., Lomita, CA 90717

[ ] SAN GABRIEL VALLEY AREA - (818) 574-0962
125 S. Baldwin Ave., Arcadia, CA 91007

[ ] SAN DIMAS AREA - M, W, & F - (818) 574-0961 or T & TH - (818) 961-9611
125 S. Baldwin Ave., Arcadia, CA 91007

[ ] EAST LOS ANGELES AREA - (213) 260-3466
5119 E. Beverly Blvd., Los Angeles, CA 90022

[ ] NEWHALL AREA - (805) 253-7207
23757 W. Valencia Blvd., Santa Clarita, CA 91355

[X] 48 HOURS (OR AS REQUIRED) - LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[ ] City of _____

[X] Los Angeles County Fire Department 213 585 3554

[X] 24 HOURS - SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

(909) 396-2000

[ ] COUNTY SERVES AS BUILDING OFFICIAL, SEE ATTACHED.

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS, AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

24 October 1996
EKI 961025.01

RECEIVED
OCT 28 1996
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

TANK CLOSURE PLAN

at 9301 Rayo Avenue
South Gate, California

INTRODUCTION

This plan has been prepared as part of the Jervis B. Webb Company's application for underground storage tank closure for a below ground concrete structure (Tank 1) and a sump (Tank 2) Avenue in South Gate. Erler & Kalinowski, Inc. will coordinate contractor work, collect soil samples, and prepare reports. Cornerstone Environmental Contractors, Inc. will perform tank cleaning and other closure activities. Each firm will have a site health & safety plan for its employees working on this project.

BELOW GROUND CONCRETE STRUCTURE (Tank 1)

Description

The structure is approximately 24 feet long, 12.5 feet wide, and 3 feet deep. It is located as shown on Figure 1. The structure is covered with steel grates and contains some steel structural materials associated with the former paint booth air filtration system described below. Otherwise the tank appears to be empty and dry.

Jervis B. Webb Company manufactured conveyor systems at the site between the mid-1950s and early 1996. Webb operated a spray paint booth at the location of the below ground concrete structure. The paints used included oil-based paints and paints that contained lead and chromium.

Before 1987, a wet painting system was used. Overspray from painting of the conveyor parts fell on water in the structure. This water/paint mixture was periodically pumped out and transported off-site for disposal.

In 1987, Webb changed the type of painting operation to a dry electrostatic painting system using filters, which were installed in the structure. Air in the paint booth was drawn through the filters, before being discharged outside of the building in accordance with a permit from the South Coast Air Quality Management District.

Proposed Closure Activities

The following tasks are proposed for tank closure.

Tank Cleaning. The steel and other materials currently in the tank will be removed. The walls and floor of the tank will be cleaned by scraping; dry waste materials will be collected and put into a drum(s). If necessary to remove loose material, the inside of the tank will be pressure washed

and wash water collected in a drum(s). Wastes generated during tank cleaning will be profiled and disposed at an appropriate off-site facility.

Soil Sample Collection. Two soil samples, one at each end of the tank, will be collected from approximately one foot below the bottom of the floor of the tank. The actual sampling locations will be determined after inspection of the condition of the concrete floor of the tank. If cracks and/or holes are observed, then the samples will be collected from these areas. The selection of sample locations will be discussed with a Los Angeles County Department of Public Works inspector, if one is on-site at the time of sampling.

The concrete floor will be cored at the sample locations. Soil samples will be collected in brass tubes using a slide-hammer sampling tool. Teflon sheets and plastic end caps will be placed over the ends of each tube. A label with a unique sample identification number will be placed on each sample container. The sample containers will be stored on ice in a cooler for transportation to a laboratory. Chain of custody documentation will accompany the samples.

Laboratory Analyses. Each sample will be analyzed at a State of California certified laboratory for the following:

- total recoverable petroleum hydrocarbons ("TRPH") using EPA Method 418.1
- total extractable petroleum hydrocarbons ("TPH") using Method 8015M
- volatile organic compounds ("VOCs") using EPA Method 8240, and
- 17 CAM Metals (total concentrations)

If the results of soil sampling indicate the need for further investigation or remediation, then additional work will be proposed.

Backfill and Compaction. If the results of soil sampling indicate that further investigation is not warranted, Webb proposes to backfill and compact the tank with an appropriate fill material, and finish the surface with reinforced concrete to match the surrounding floor.

SUMP (Tank 2)

Description

This structure is approximately 3 feet in diameter and covered with a steel manhole-type cover. A 3 feet diameter steel pipe or lining extends approximately 4 feet down from the floor level. The bottom of the structure is open to ground.

On 18 October 1996, a soil sample was collected from a depth of approximately 2 feet into the soil at the bottom of the sump. This sample was analyzed for VOCs using EPA Method 8260,

TPH using EPA Method 8015M with carbon chain distribution, and 17 CAM metals. Analyses were performed by Positive Lab Service.

No VOCs were detected. A total TPH of 291 mg/kg (51 mg/kg having a carbon chain length of C10 to C20 and 240 mg/kg with a carbon chain length of C20 to C30). Total lead, chromium, and arsenic were detected at 1,600 mg/kg; 350 mg/kg, 26 mg/kg, respectively. Other metals were either not detected or at concentrations which appear to be typical of background conditions.

Based on these data it appears that the lead concentration is sufficiently elevated so as to warrant removal of the soil.

Proposed Closure Activities

Excavation. Webb proposes to remove the manhole cover, steel pipe, and surrounding concrete and excavate soil. A utility location survey will be performed before excavation begins. Soil will be excavated to approximately 5 feet below the existing soil surface (to approximately 9 feet below the floor level) in the sump and laterally approximately 2 feet in all directions. We estimate that approximately 10 to 15 cubic yards of soil will be excavated in total. The top 4 feet of excavated soil, which is not expected to contain elevated metals, will be stockpiled separately from the remaining soil.

Sample Collection and Laboratory Analyses. Soil samples will be collected from the bottom and side walls of the excavated area. Soil samples will from a backhoe bucket using brass tubes. Samples will be capped and labeled as described for Tank 1 sampling above. One soil sample will be collected from the bottom of the excavation and analyzed for VOCs using EPA Method 8240 and 17 CAM metals. Four sidewall samples will be analyzed for 17 CAM metals only. Stockpiled soil will be sampled as needed for profiling of the soil for off-site disposal.

If the results of sampling indicate the need for further investigation or remediation, then additional work will be proposed.

Backfill and Compaction. If the results of soil sampling indicate that further investigation is not warranted, Webb proposes to backfill and compact the tank with an appropriate fill material, and finish the surface with reinforced concrete to match the surrounding floor.

CLOSURE REPORT

After completion of field activities and receipt of laboratory results, EKI will prepare a report describing tank closure activities. The report will include recommendations for further investigation, if warranted. If no further investigation is warranted, approval of closure will be requested.

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 [X] 7 PERMANENTLY CLOSED SITE

TANK OUT OF USE SINCE 1987 - CLOSURE REQUEST

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: Jervis B. Webb Company of California	NAME OF OPERATOR: none - site unoccupied
ADDRESS: 9301 Rayo Avenue	NEAREST CROSS STREET: Firestone Blvd. / PARCEL # (OPTIONAL):
CITY NAME: South Gate	STATE: CA / ZIP CODE: 90280 / SITE PHONE # WITH AREA CODE: none

✓ BOX TO INDICATE: [X] 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: [ ] 1 GAS STATION [ ] 2 DISTRIBUTOR [ ] 3 FARM [ ] 4 PROCESSOR [X] 5 OTHER

[ ] ✓ IF INDIAN RESERVATION OR TRUST LANDS | # OF TANKS AT SITE: 2 | E.P.A. I.D. # (optional):

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): El. Stanesa	PHONE # WITH AREA CODE: (810) 553-1000	DAYS: NAME (LAST, FIRST): none	PHONE # WITH AREA CODE:
NIGHTS: NAME (LAST, FIRST): none	PHONE # WITH AREA CODE:	NIGHTS: NAME (LAST, FIRST): none	PHONE # WITH AREA CODE:

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: Jervis B. Webb Company of California	CARE OF ADDRESS INFORMATION:
MAILING OR STREET ADDRESS: 34375 West 12 Mile Road ~~[illegible]~~	✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL-AGENCY [ ] STATE-AGENCY [X] CORPORATION [ ] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY
CITY NAME: Farmington Hills	STATE: Mich / ZIP CODE: 48331 / PHONE # WITH AREA CODE: (810) 553-1000

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: Jervis B. Webb Company of California	CARE OF ADDRESS INFORMATION:
MAILING OR STREET ADDRESS: 34375 West 12 Mile Road	✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL-AGENCY [ ] STATE-AGENCY [X] CORPORATION [ ] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY
CITY NAME: Farmington Hills	STATE: Mich / ZIP CODE: 48331 / PHONE # WITH AREA CODE: (810) 553-1000

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44-

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. [X]

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
El. Stanesa	ASSOCIATE GENERAL COUNSEL	10·17·96

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
19	000	024024

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

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
- [X] 7 PERMANENTLY CLOSED ON SITE
- [ ] 8 TANK REMOVED

OWNER OR FACILITY NAME WHERE TANK IS INSTALLED: Jerry E. Lucas & Company of California — TANK PERMANENT CLOSURE REQUESTED

I. TANK DESCRIPTION
COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D. #: None
B. MANUFACTURED BY: Not Known
C. DATE INSTALLED (MO/DAY/YEAR): Not Known
D. TANK CAPACITY IN GALLONS: Approx. 250 gal

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A.
- [ ] 1 MOTOR VEHICLE FUEL
- [ ] 2 PETROLEUM
- [ ] 3 CHEMICAL PRODUCT
- [ ] 4 OIL
- [X] 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: Not Known — 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
- [X] 2 SINGLE WALL
- [ ] 3 SINGLE WALL WITH EXTERIOR LINER
- [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK)
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank)
- [X] 1 BARE STEEL Bottom
- [ ] 5 CONCRETE
- [ ] 9 BRONZE
- [ ] 2 STAINLESS STEEL
- [ ] 6 POLYVINYL CHLORIDE
- [ ] 10 GALVANIZED STEEL
- [ ] 3 FIBERGLASS
- [ ] 7 ALUMINUM
- [ ] 95 UNKNOWN
- [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
- [ ] 8 100% METHANOL COMPATIBLE W/FRP
- [ ] 99 OTHER

C. INTERIOR LINING
- [ ] 1 RUBBER LINED
- [ ] 5 GLASS LINING
- [X] 6 UNLINED
- [ ] 2 ALKYD LINING
- [ ] 95 UNKNOWN
- [ ] 3 EPOXY LINING
- [ ] 4 PHENOLIC LINING
- [ ] 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION
- [ ] 1 POLYETHYLENE WRAP
- [ ] 5 CATHODIC PROTECTION
- [ ] 2 COATING
- [ ] 91 NONE
- [ ] 3 VINYL WRAP
- [X] 95 UNKNOWN
- [ ] 4 FIBERGLASS REINFORCED PLASTIC
- [ ] 99 OTHER

E. SPILL AND OVERFILL — SPILL CONTAINMENT INSTALLED (YEAR): None — OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR): None

IV. PIPING INFORMATION
CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE — No Piping

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 VADOSE MONITORING
- [ ] 4 AUTOMATIC TANK GAUGING
- [ ] 5 GROUND WATER MONITORING
- [ ] 6 TANK TESTING
- [ ] 7 INTERSTITIAL MONITORING
- [X] 91 NONE
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR): UNKNOWN – PRE 1985
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 0 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES [ ] NO [X]

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): E. Stanesa ELI STANESA — DATE: 10-25-96

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	17	006	024026	002

PERMIT NUMBER: 173811 — PERMIT APPROVED BY/DATE: 10/28/96 — PERMIT EXPIRATION DATE:

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED

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
- [X] 7 PERMANENTLY CLOSED ON SITE
- [ ] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: TANK OUT OF USE SINCE 1987 - CLOSURE REQUESTED
Jervis B. Webb Company of California

I. TANK DESCRIPTION
COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D. #: None (1)
B. MANUFACTURED BY: Not Known
C. DATE INSTALLED (MO/DAY/YEAR): Not Known
D. TANK CAPACITY IN GALLONS: Approx. 6,500

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A.
- [ ] 1 MOTOR VEHICLE FUEL
- [ ] 2 PETROLEUM (OTHER)
- [ ] 3 CHEMICAL PRODUCT
- [ ] 4 OIL
- [X] 80 EMPTY
- [ ] 95 UNKNOWN

B.
- [ ] 1 PRODUCT
- [X] 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: Water and Paint Mixture 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
- [X] 2 SINGLE WALL
- [ ] 3 SINGLE WALL WITH EXTERIOR LINER
- [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK)
- [ ] 95 UNKNOWN
- [ ] 96 OTHER

B. TANK MATERIAL (Primary Tank)
- [ ] 1 BARE STEEL
- [X] 5 CONCRETE
- [ ] 9 BRONZE
- [ ] 2 STAINLESS STEEL
- [ ] 6 POLYVINYL CHLORIDE
- [ ] 10 GALVANIZED STEEL
- [ ] 3 FIBERGLASS
- [ ] 7 ALUMINUM
- [ ] 95 UNKNOWN
- [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
- [ ] 8 100% METHANOL COMPATIBLE W/FRP
- [ ] 99 OTHER

C. INTERIOR LINING
- [ ] 1 RUBBER LINED
- [ ] 5 GLASS LINING
- [ ] 2 ALKYD LINING
- [ ] 6 UNLINED
- [X] 95 UNKNOWN
- [ ] 3 EPOXY LINING
- [ ] 99 OTHER
- [ ] 4 PHENOLIC LINING

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION
- [ ] 1 POLYETHYLENE WRAP
- [ ] 5 CATHODIC PROTECTION
- [ ] 2 COATING
- [ ] 91 NONE
- [ ] 3 VINYL WRAP
- [X] 95 UNKNOWN
- [ ] 4 FIBERGLASS REINFORCED PLASTIC
- [ ] 99 OTHER

E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR): None OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR): None

IV. PIPING INFORMATION
CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE. No Piping - to be verified

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
- [X] 91 NONE
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION
1. ESTIMATED DATE LAST USED (MO/DAY/YR): 1987
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 0 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES [ ] NO [X]

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): E. Stanesa ELI STANESA DATE: 10 17 96

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	010	02402	011

PERMIT NUMBER: 175811 PERMIT APPROVED BY/DATE: 10/28/96 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.

FILE: 017580-024024 L.A. COUNTY DEPARTMENT OF PUBLIC WORKS RUN DATE: 10/28/[illegible]
ID: [illegible] FEE RECEIPT FOR RUN TIME: 16:49:[illegible]
NEW PERMIT RCPT: [illegible]

RECEIVED FROM: JERVIS B WEBB COMPANY
ADDRESS: [illegible] PAMO AVE
SOUTH GATE, CA [illegible]

AMOUNT PAID: $[illegible].00 PAYMENT TYPE: OVER THE COUNTER CHECKS
DATE PAID: 10/28/96 DEPOSIT DATE: 10/28/96
REF #: 961028777 PAYOR/COMMENTS: JERVIS B WEBB CO.CK #[illegible]
RCPT #: 96000010427 AREA: CITY OF SOUTH GATE

RECEIVED BY: JOHN O AWUJO

FILE: [illegible] L.A. COUNTY DEPARTMENT OF PUBLIC WORKS RUN DATE: [illegible]
REC: [illegible] FEE RECEIPT FOR RUN TIME: [illegible]
CLOSURE BY RENEWAL REPT: [illegible]

RECEIVED FROM: [illegible]
ADDRESS: [illegible] AVE
SOUTH GATE, CA [illegible]

[illegible] PAID: [illegible] PAYMENT TYPE: OVER THE COUNTER CHECKS
DATE PAID: [illegible] DEPOSIT DATE: [illegible]
REF #: [illegible] PAYOR/COMMENTS: [illegible]
REF #: [illegible] AREA: CITY OF SOUTH GATE

[illegible]
SUBJECT TO THE ATTACHED REQUIREMENTS

TANK	TANK CONTENTS	OWNER TANK #	TAX	CAPACITY
[illegible]	[illegible]	1		[illegible]
[illegible]	[illegible]	2		[illegible]

[illegible]

City of South Gate Permit

NOTICE: MINIMUM 24 HOUR NOTICE REQUIRED ON "ALL" INSPECTION REQUESTS.

BUILDING PERMIT — APPLICATION

CITY OF SOUTH GATE — BUILDING AND SAFETY DEPARTMENT

8650 CALIFORNIA AVENUE, SOUTH GATE, CALIFORNIA 90280-3075

213-563-9549

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code.

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Chap. 9 (commencing with Sec. 7000) of Div. 3 of the B. & P.C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).

[ ] I, as owner of the property, or my employees with wages as their sole compensation, will do the work on my principal place of residence, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C., The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

[ ] I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C., The Contractor's License Law does not apply to any owner who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).

[ ] I am exempt under Sec. _____, B. & P. C. for this reason.

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

CERTIFIED COPY OF INSURANCE IS ON FILE WITH THE DEPARTMENT OF BUILDING AND SAFETY.

Policy No.: [illegible]

Insurance Co.: [illegible]

Expiration Date [illegible] Applicant [illegible]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

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 Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

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 _____

LICENSED CONTRACTOR'S 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 Class [illegible] License No. 172253

Date [illegible] Contractor [illegible]

IMPORTANT

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on this application. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of South Gate, its officers, agents and employees in accordance with the provisions of Title 9, Chapter 9.04, of the City of South Gate Municipal Code.

I agree not to occupy or allow occupancy of any building authorized by this permit until FINAL INSPECTION approval has been received.

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of the City to enter upon the above mentioned property for inspection purposes.

[illegible] 1-6-96

Signature of Owner or Contractor ONLY — Date

PLEASE PRINT AND WRITE LEGIBLY

1 APPLICANT - FILL IN SHADED AREA ONLY

BUILDING ADDRESS: 9301 Long

LEGAL: [illegible]

LOT: [illegible]

BLOCK: —

USE EXISTING BLDG: Industrial

OWNER: [illegible] Bldg Co.

ADDRESS: [illegible]

CITY: [illegible] ZIP CODE: [illegible]

CONTRACTOR: [illegible]

ADDRESS: [illegible] ZIP CODE: [illegible]

CITY: [illegible] TELEPHONE AREA CODE: [illegible]

STATE LICENSE NO: [illegible] CITY BUS LIC. NO: [illegible]

DESCRIPTION OF WORK

[ ] NEW [ ] ADD [ ] ALTER [ ] REPAIR [ ] MOVE [ ] DEMOLISH [X] GRADING [ ] OTHER

SIZE: 50 FT — NO. ROOMS: — NO. STORIES: —

EXT. WALL COVERING: — INT. WALL COVERING: — ROOF COVERING: —

PROPOSED WORK TO BE DONE: Excavation - [illegible]

VALUATION $: 5000.00

BUILDING ADDRESS: 9301 Long

NEAREST CROSS STREET: [illegible]

MAP NO: 12 — GROUP: 1 — TYPE: — FIRE ZONE: —

MAP BOOK: 112 — PAGE: 5 — PARCEL: 15

STATISTICAL CLASSIFICATION: CLASS NO. [illegible] — CHANGE NO. OF UNITS: 1 — $1 CODE: —

ZONE: M3

SPECIAL CONDITIONS: —

PLANNING DEPT APPROVAL: — DATE: —

ENGINEERING DEPT APPROVAL: — DATE: —

LICENSE APPROVAL: [illegible] DATE: [illegible]

READ CONDITIONS BELOW

This application is a Building Permit when properly filled out, signed and machine validated for the correct permit fee in the validation space below. Permission is therefore granted to do such work as indicated in this application, in accordance with, and subject to all of the provisions of the Building Code, Title 9, Chapter 9.04, City of South Gate.

This permit becomes null and void if work is not commenced within 120 days from the date of issuance or if work is suspended at any time during construction for more than 120 days, or if any work is done on the said building or structure in violation of the city ordinance or state law relating thereto.

PC FILE $: — — PMT FEE $: 115 + $150 = 115.15

THIS PERMIT DOES NOT BECOME VALID UNTIL FEES ARE PAID AND RECEIPT IS ACKNOWLEDGED IN SPACE PROVIDED

PLAN CHECK VALIDATION — CK — CASH — PERMIT VALIDATION — CK — CASH

CITY OF SOUTH GATE

DEPARTMENT OF BUILDING & SAFETY

8650 California Ave.
SOUTH GATE, CALIFORNIA
213/563-9549

INSPECTION RECORD

Post this card in a conspicuous place.
Notice of 24 hours required on all inspections.

Building Permit # 10704 Date Issued 11/6/96

Address 9301 Rayo Ave

Owner Jervis B. Webb Co.

Contractor Cornerstone Environmental Contract

Building Type _____ Fire Zone _____ Zone _____ Group _____

APPROVALS	DATE	INSPECTOR
Sanitary Facilities		
Forms & Foundations		
Reinforcing Steel		
Electrical Groundwork		
Plumbing Groundwork		

DO NOT POUR CONCRETE UNTIL ABOVE ARE SIGNED

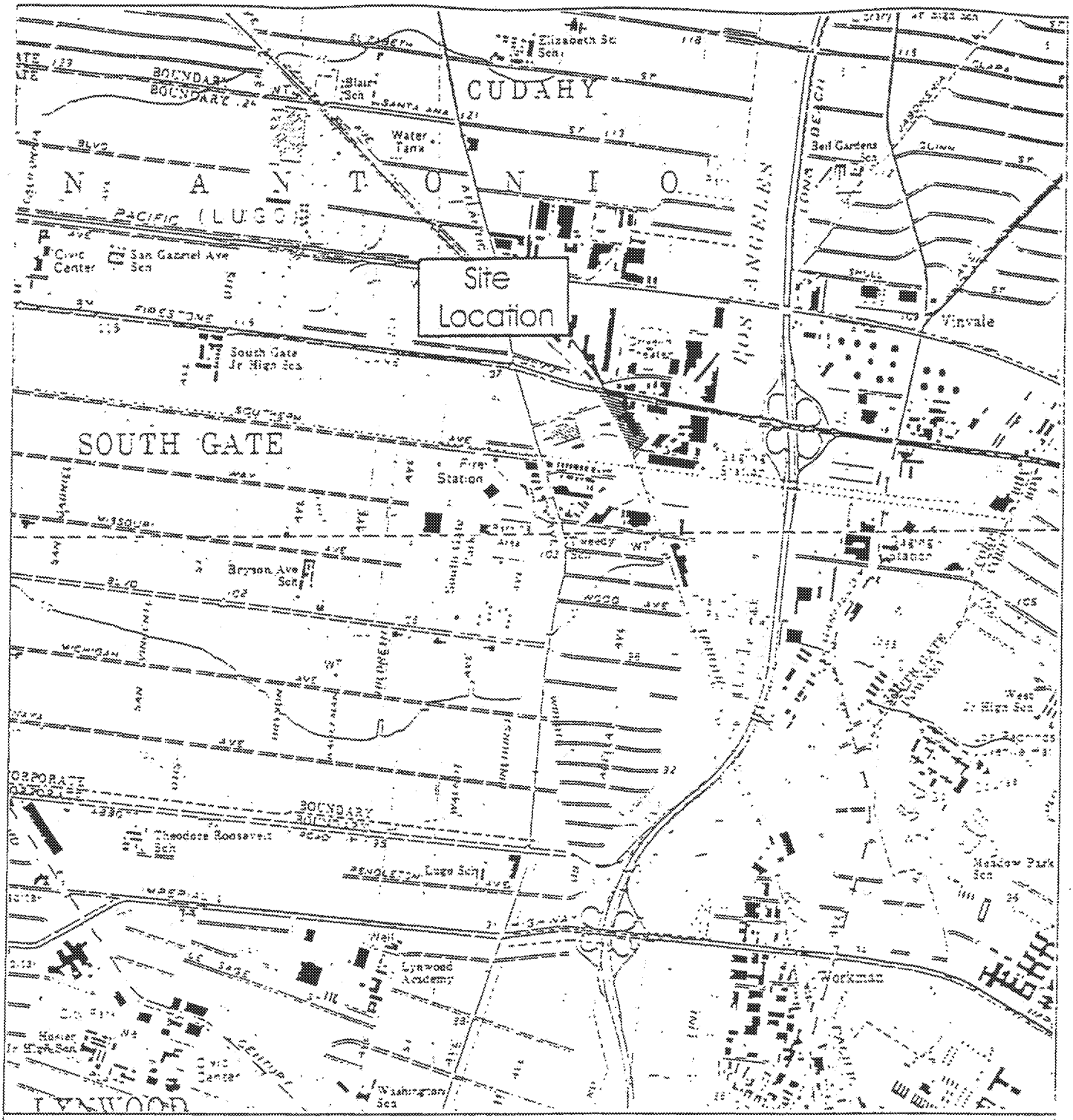
Reinforcing Steel		
Masonry		
Rough Electrical		
Rough Plumbing		
Rough Heating & Ventilating		
Framing		
Floor Joist, Girders		
Underfloor Insulation		
Wall & Ceiling Insulation		
Roof Sheathing		

DO NOT COVER WORK UNTIL ABOVE HAS BEEN SIGNED

Interior Lathing		
Exterior Lathing		
Plaster Scratch Coat		
Plaster Brown Coat		
Plaster Finish Coat		
Electrical Fixtures		
~~[illegible]~~ Stamped 00/10	11/20/96	[signature]
Final Heating & Ventilating		
Plumbing Fixtures		
House Numbers		
Fire Dept. Final		
Parking & Planning Final		
Public Works Final		
Police Dept. Final		
Building Final Compliance		

Excavating to remove contaminated soil - [signature] 11-11-96
Refill w/clean soil

Attachment B - Figures



N

0 2,000 4,000

(Approximate Scale in Feet)

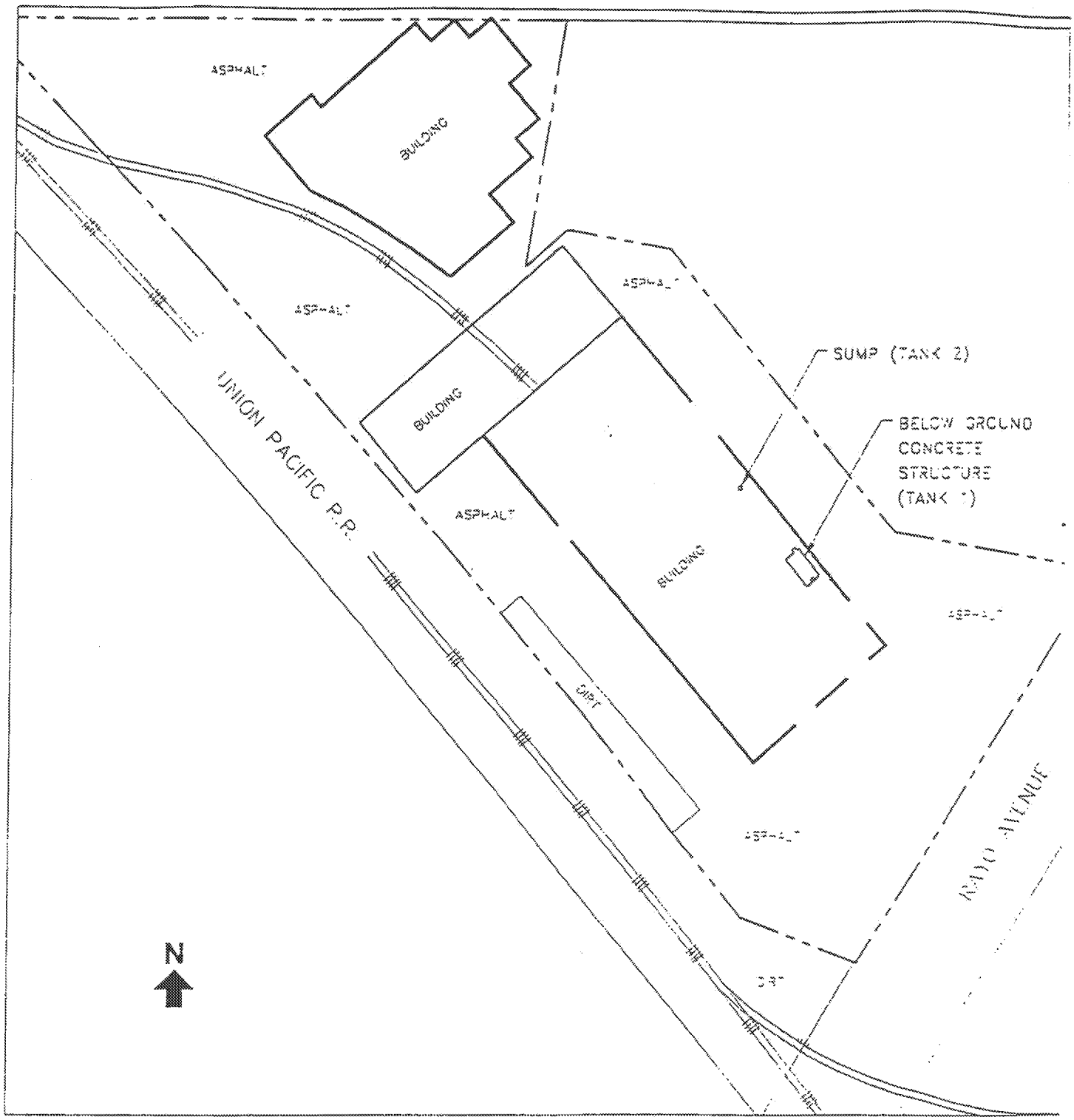
Erler & Kalinowski, Inc.

Site Location Map

Source: Modified from U.S.G.S 7.5 Minute "South Gate" Quadrangle, 1964, photorevised 1981.

J.B. Webb Co.
South Gate, CA
November 1996
EK: 96-025.01

Figure 1



0 100 200
(Approximate Scale in Feet)

LEGEND

PROPERTY LINE BOUNDARY

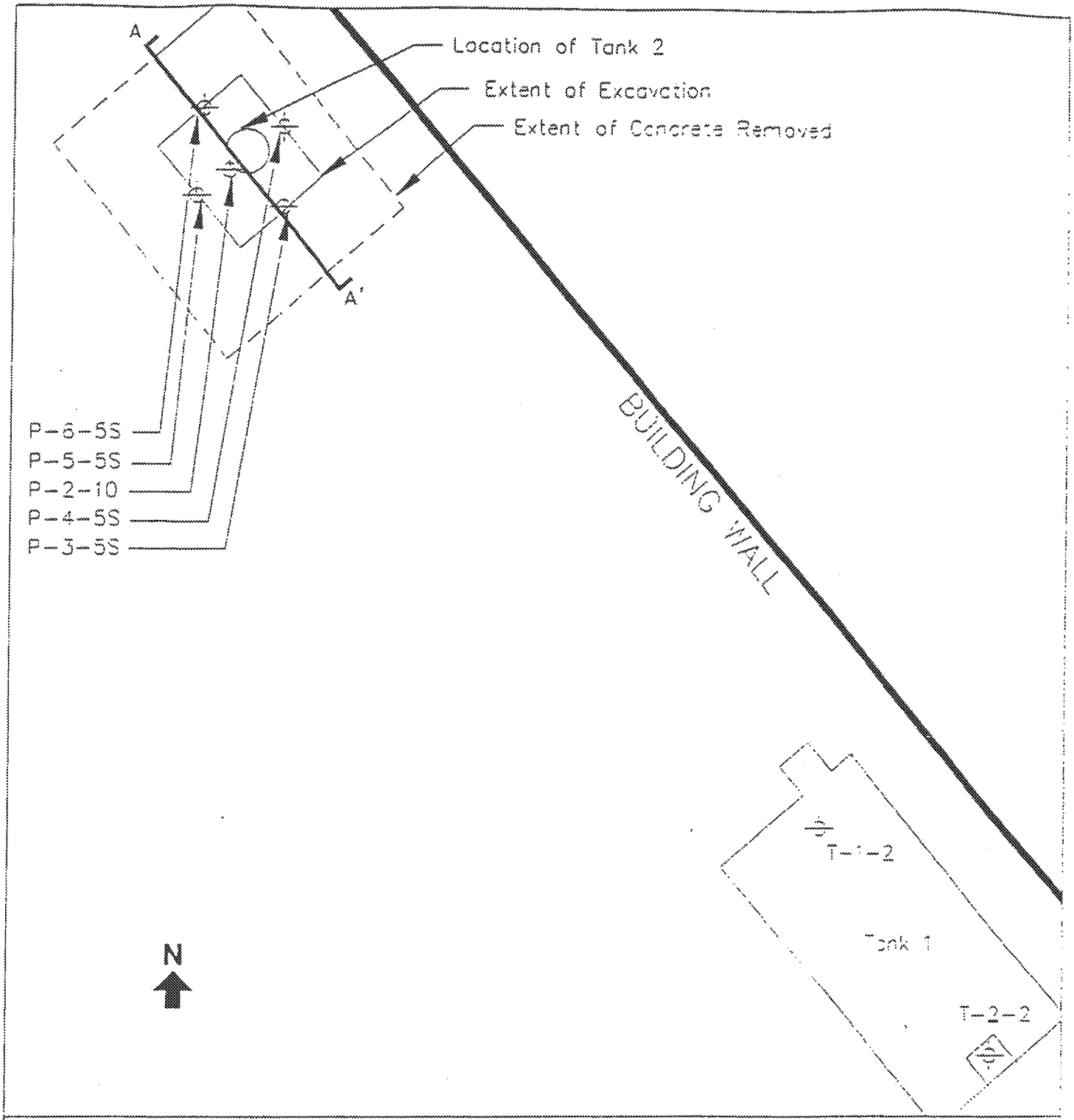
BUILDING

RAILROAD SPUR

Erler & Kalinowski, Inc.

Location of Underground Structures – Tanks 1 and 2

Figure 2



0 10 20

(Approximate Scale in Feet)

LEGEND

BUILDING

LOCATION OF SOIL SAMPLE

CROSS SECTION A-A' (see Figure 4)

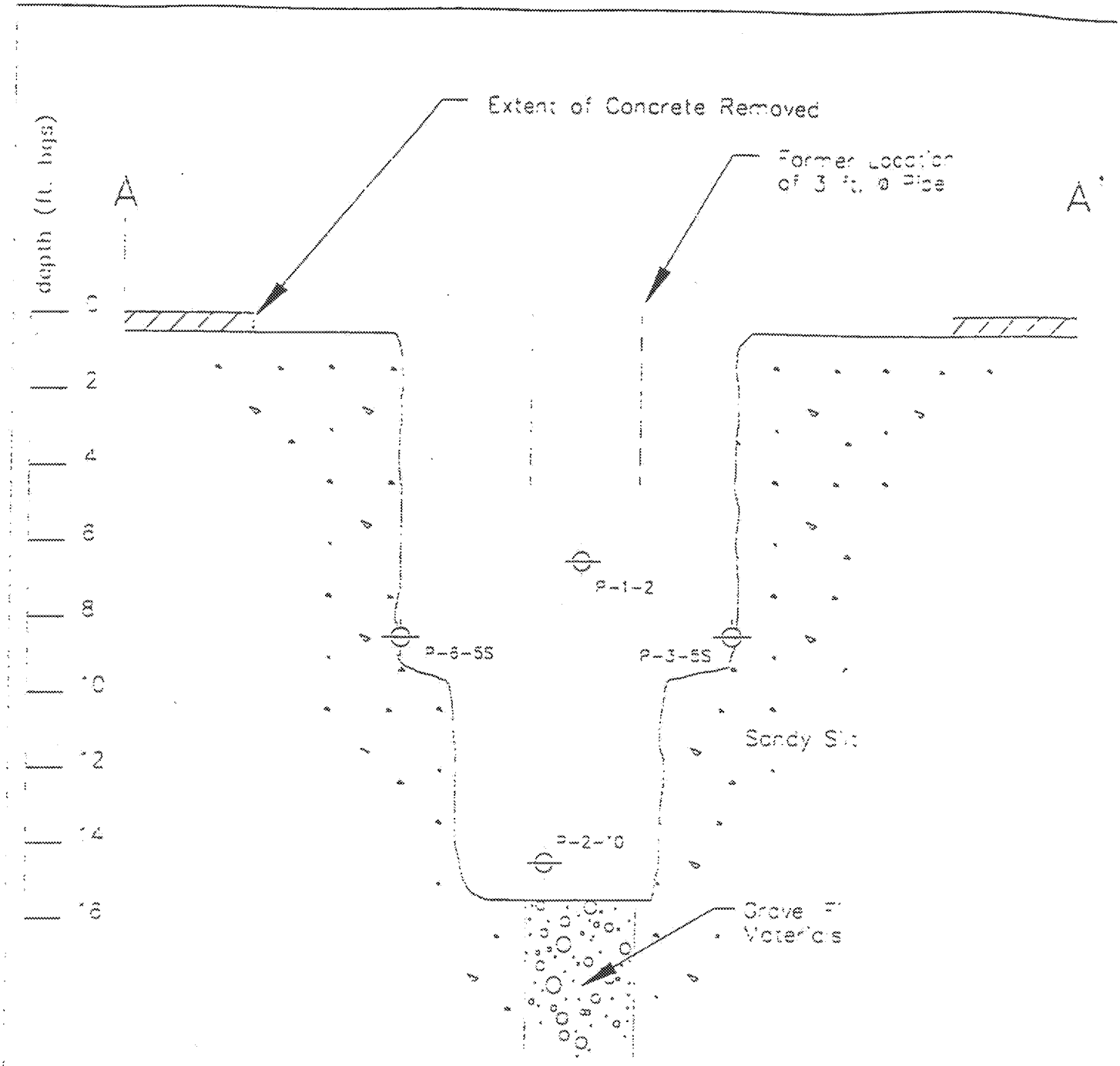
Notes:

1. All locations are approximate.

Erler & Kalinowski, Inc.

Location of Soil Samples – Tanks 1 and 2

Figure 3



0 4 8
(Approximate Scale in Feet)

LEGEND

P-2-10 SOIL SAMPLE

Notes:

1. All locations are approximate.

Erler & Kalinowski, Inc.

Cross Section A–A'
Tank 2 Excavation

Figure 4

Attachment C - Laboratory Reports and Chain of Custody Forms

Clarification Note: The laboratory reports show the last character of Samples Nos. P-3-5S, P-4-5S, P-5-5S, and P-6-5S as a "5" instead of a "S" (e.g., P-3-55 should be shown as P-3-5S).

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Erler & Kalinowski, Inc.
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

10/23/96

Attn: Steve Miller
310/314/8855

Project Name: WEBB
Project Number 961025.01

Sample #: 6292131201
Received: 10/18/96
Type: Soil

Collector: Client
Sampling Date & Time: 10/18/96, 0830
Method: Submitted By Client

I.D.: P-1-2

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	10/21/96		
Analysis Date		10/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	0.14	mg/kg	0.1 mg/kg
		Not gas pattern		
Extraction Method/Date	EPA 3550	10/21/96		
Analysis Date		10/21/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	51	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	240	mg/kg	100 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	80	Percent	
Extraction Method/Date	EPA 5030	10/21/96		
Analysis Date		10/21/96		
EPA 8260		*		
Chloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8260	ND	ug/kg	10 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
[illegible] 745-5312 FAX [illegible] 745-6372

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
2,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroform	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
trans-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromoethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Tetrachloroethene (PCE)	EPA 8260	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Ethyl Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromoform	EPA 8260	ND	ug/kg	4.0 ug/kg
Styrene	EPA 8260	ND	ug/kg	4.0 ug/kg
Ortho Xylene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Isopropylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
2-Chlorotoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
n-Propylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
4-Chlorotoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,4-Trimethylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
tert-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3,5-Trimethylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,4-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
sec-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
p-Isopropyltoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
n-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg

 ND = None Detected; MDL = Method Detection Limit) [illegible]

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
213 745-5312 FAX 213 745-6372

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
1,2,4-Trichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Naphthalene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Hexachlorobutadiene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromo-3-Chloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Surrogate		*		
Dibromofluoromethane	EPA 8260	99	Percent	
Toluene D8	EPA 8260	92	Percent	
4-Bromofluorobenzene	EPA 8260	108	Percent	
Digestion Method/Date	EPA 3050	10/22/96		
Digestion Method/Date	EPA 7471	10/22/96		
Analysis Date	EPA 6010	10/22/96		
Analysis Date	EPA 7471	10/22/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	26	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	100	mg/kg	1.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	8.3	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	350	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	24	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	230	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	1600	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	18	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	72	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	18	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	840	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	0.18	mg/kg	0.1 mg/kg

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

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213 745-5312 FAX 213 745-6372

Sample #: 6292131211
Received: 10/18/96
Type: Soil

Collector: ****
Sampling Date & Time: **/**/**, ****
Method: ****

I.D.: Method Blank

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	10/21/96		
Analysis Date		10/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	10/21/96		
Analysis Date		10/21/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	ND	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	ND	mg/kg	100 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	103	Percent	
Extraction Method/Date	EPA 5030	10/21/96		
Analysis Date		10/21/96		
EPA 8260		*		
Chloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8260	ND	ug/kg	10 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
2,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroform	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE
LAB SERVICE

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CONSTITUENT	METHOD	RESULT	UNIT	MDL
1,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
trans-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromoethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Tetrachloroethene (PCE)	EPA 8260	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Ethyl Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromoform	EPA 8260	ND	ug/kg	4.0 ug/kg
Styrene	EPA 8260	ND	ug/kg	4.0 ug/kg
Ortho Xylene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Isopropylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
2-Chlorotoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
n-Propylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
4-Chlorotoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,4-Trimethylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
tert-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3,5-Trimethylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,4-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
sec-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
p-Isopropyltoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
n-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,4-Trichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Naphthalene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Hexachlorobutadiene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromo-3-Chloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg

(ND = None Detected; MDL = Method Detection Limit)

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=========CONSTITUENT==========	====METHOD=====	==RESULT==	===UNIT===	===MDL====
Surrogate		*		
Dibromofluoromethane	EPA 8260	89	Percent	
Toluene D8	EPA 8260	96	Percent	
4-Bromofluorobenzene	EPA 8260	91	Percent	
Digestion Method/Date	EPA 3050	10/22/96		
Digestion Method/Date	EPA 7471	10/22/96		
Analysis Date	EPA 6010	10/22/96		
Analysis Date	EPA 7471	10/22/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	ND	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

Respectfully Submitted,

A. Imam, Organic Supervisor

F. Fernando, Inorganic Supervisor

(ND = None Detected; MDL = Method Detection Limit)

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October 23, 1996

QUALITY CONTROL DATA
MATRIX SPIKE AND DUPLICATE SPIKES

Client: Erler & Kalinowski
File No: 72373
Report No: 62921312
Matrix: Soil
Method: EPA 8260
Lab No: 6290165752
Batch No: 62958260-1
Date Analyzed: 10/21/96

PARAMETER		SAMPLE RESULTS (ug/kg)	AMOUNT SPIKED (ug/kg)	AMOUNT RECOVERED (ug/kg)	% REC	SPIKE RECOVERY ACCEPTANCE RANGE(%)	R.P.D.
1,1-Dichloroethene	(S)	ND	20	21.8	109		
1,1-Dichloroethene	(DS)	ND	20	20.3	102	59-170	7
Trichloroethene	(S)	ND	20	19.0	95		
Trichloroethene	(DS)	ND	20	18.6	93	68-143	2
Benzene	(S)	ND	20	21.6	108		
Benzene	(DS)	ND	20	20.8	104	76-141	4
Toluene	(S)	11	20	34.0	115		
Toluene	(DS)	11	20	35.0	120	68-149	5
Chlorobenzene	(S)	ND	20	22.7	114		
Chlorobenzene	(DS)	ND	20	22.0	110	79-132	4

S = SPIKE
DS = DUPLICATE SPIKE
R.P.D. = RELATIVE PERCENT DIFFERENCE
ND = NONE DETECTED

POSITIVE LAB SERVICE

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October 23, 1996

QUALITY CONTROL DATA
MATRIX SPIKE AND DUPLICATE SPIKE

CLIENT: Erler & Kalinowski
FILE NO: 72373
REPORT NO: 62921312
MATRIX: Soil
METHOD: EPA 8015M Diesel
LAB NO: 6292131202
BATCH NO: 62958015D-1
DATE ANALYZED: 10/21/96
DATE EXTRACTED: 10/21/96

PARAMETER		SAMPLE RESULTS (mg/kg)	AMOUNT SPIKED (mg/kg)	AMOUNT RECOVERED (mg/kg)	% REC	SPIKE RECOVERY ACCEPTANCE RANGE(%)	R.P.D.
Diesel	(S)	51	111	140.9	81		
Diesel	(DS)	51	111	200.7	135*	50-135	50*
Surrogate	(S)		20.8	21.6	103		
Surrogate	(DS)		20.8	21.4	103	50-150	<1

LCS

Parameter	CONCENTRATION (mg/kg)	AMOUNT RECOVERED (mg/kg)	% REC	RECOVERY ACCEPTANCE RANGE
Diesel	555	629	113	50-135
Surrogate	20.8	23.9	115	55-125

*Matrix interference. See surrogates and LCS.

S = Spike
DS = Duplicate Spike
R.P.D. = Relative Percent Difference
ND = None Detected

POSITIVE LAB SERVICE

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October 23, 1996

Quality Control Report
Matrix Spike and Duplicate Spike

Client: Erler & Kalinowski
File No: 72373
Report No: 62921312
Matrix: Soil
Method: EPA 8015/8020
Lab No: 6293120902
Batch No: 62958015/8020-1
Date Analyzed: 10/21/96

PARAMETER		SAMPLE RESULTS (ug/kg)	AMOUNT SPIKED (ug/kg)	AMOUNT RECOVERED (ug/kg)	% REC	SPIKE RECOVERY ACCEPTANCE RANGE(%)	R.P.D
Benzene	(S)	ND	40	43.9	110		
Benzene	(DS)	ND	40	44.0	110	61-137	<1
Toluene	(S)	ND	40	43.9	110		
Toluene	(DS)	ND	40	42.7	107	60-135	3
Ethyl Benzene	(S)	ND	40	39.8	99		
Ethyl Benzene	(DS)	ND	40	38.8	97	56-135	2
Xylene	(S)	ND	120	125.2	104		
Xylene	(DS)	ND	120	124.4	104	58-136	1
Surrogate	(S)		150	160.7	107		
Surrogate	(DS)		150	154.3	103	60-132	4

S = Spike
DS = Duplicate Spike
R.P.D. = Relative Percent Difference
ND = None Detected

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QUALITY CONTROL DATA
SPIKES & DUPLICATE SPIKES

October 23, 1996

CLIENT: Erler & Kalinowski
FILE NO: 72373
REPORT NO: 62921312
MATRIX: Soil
METHOD: EPA 3050/6010
LAB NO: 6292131201
BATCH NO: 62966010-1
DATE DIGESTED: 10/22/96
DATE ANALYZED: 10/22/96

PARAMETER		SAMPLE RESULTS (mg/kg)	AMOUNT SPIKED (mg/kg)	AMOUNT RECOVERED (mg/kg)	% REC	SPIKE RECOVERY ACCEPTANCE RANGE(%)	R.P.D.
ANTIMONY	(SPIKE)	ND	100	56	56		
ANTIMONY	(DUP. SPIKE)	ND	100	56	56	60-140	<1
ANTIMONY	(PDS)	ND	250	264	106	60-140	
ARSENIC	(SPIKE)	26	200	200	87		
ARSENIC	(DUP. SPIKE)	26	200	199	87	70-130	1
BARIUM	(SPIKE)	100	200	290	95		
BARIUM	(DUP. SPIKE)	100	200	293	97	70-130	2
BERYLLIUM	(SPIKE)	ND	10	8.9	89		
BERYLLIUM	(DUP. SPIKE)	ND	10	8.9	89	70-130	<1
CADMIUM	(SPIKE)	8.3	10	18.6	103		
CADMIUM	(DUP. SPIKE)	8.3	10	18.5	102	70-130	1
CHROMIUM	(SPIKE)	350	40	384	85		
CHROMIUM	(DUP. SPIKE)	350	40	380	75	70-130	13
COBALT	(SPIKE)	24	100	112	88		
COBALT	(DUP. SPIKE)	24	100	112	88	70-130	<1
COPPER	(SPIKE)	230	50	340	220		
COPPER	(DUP. SPIKE)	230	50	340	220	70-130	<1
COPPER	(PDS)	230	100	360	130	70-130	
LEAD	(SPIKE)	1560	100	1590	30*		
LEAD	(DUP. SPIKE)	1560	100	1590	30*	70-130	<1
MOLYBDENUM	(SPIKE)	19	400	365	87		
MOLYBDENUM	(DUP. SPIKE)	19	400	364	86	70-130	<1
NICKEL	(SPIKE)	72	100	172	100		
NICKEL	(DUP. SPIKE)	72	100	171	99	70-130	1
SELENIUM	(SPIKE)	ND	200	150	75		
SELENIUM	(DUP. SPIKE)	ND	200	154	77	70-130	3
SILVER	(SPIKE)	ND	10	9.4	94		
SILVER	(DUP. SPIKE)	ND	10	9.3	93	60-140	1
THALLIUM	(SPIKE)	ND	200	162	81		
THALLIUM	(DUP. SPIKE)	ND	200	170	85	70-130	5
VANADIUM	(SPIKE)	18	100	101	83		
VANADIUM	(DUP. SPIKE)	18	100	100	82	70-130	1
ZINC	(SPIKE)	840	100	920	80		
ZINC	(DUP. SPIKE)	840	100	910	70	70-130	13

*amount spiked < 1/4 sample result

R.P.D. = RELATIVE PERCENT DIFFERENCE
ND = NONE DETECTED

POSITIVE LAB SERVICE

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Los Angeles, CA 90021
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CHAIN OF CUSTODY AND ANALYSIS REQUEST

LOG BOOK NO. 9634 DATE 10/18/96 PAGE 1 OF 1
FILE NO. 72373 LAB NO. 6292 1312 01

CLIENT NAME: ERLER & KALINOWSKI, INC.
PROJECT NAME: WEBB PROJECT NO. 961025.01 P.O. NO.
ADDRESS: 9301 RAYO AVENUE, SOUTH GATE, CA
PROJECT MANAGER: STEVE MILLER PHONE NO: FAX NO:
SAMPLER NAME: ROB C. HESSE (Printed) (Signature) [signature]

AIRBILL NO.: NA
COOLER TEMP.: 25°
PRESERVED: NA
QC REPORT LEVEL: Standard

REMARKS: Due Tuesday

TAT (Analytical Turn Around Time) 0 - Same Day, 1 - 24 Hour, 2 - 48 Hour, (Etc.) N = NORMAL

CONTAINER TYPES: B - Brass, G - Glass, P - Plastic, V = VOA Vial, O = Other:

ANALYSES REQUESTED:

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER: #	CONTAINER: TYPE	8015 Modified HC Range	8260	CAM Metals						SAMPLE CONDITION/ COMMENTS:
	10/18/96	0830	P-1-2		X			2 ~~N~~	1	B	X	X	X						2 day TAT

Relinquished By (Signature and Printed Name): ROB C. HESSE / [signature] Received By (Signature and Printed Name): [signature] Date: 10/18/96 Time: 1230
Relinquished By (Signature and Printed Name): / Received By (Signature and Printed Name): / Date: Time:
Relinquished By (Signature and Printed Name): Received By (Signature and Printed Name): Date: Time:

SAMPLE DISPOSITION:
1. Samples returned to client? YES (NO)
2. Samples will not be stored over 30 days unless additional storage time is requested
3. Storage time requested: days
By: Date:

SPECIAL INSTRUCTIONS: Report 8015M analysis results w/ carbon chain distribution

DISTRIBUTION WHITE - YELLOW - PINK TO LAB GOLD TO CLIENT

POSITIVE LAB SERVICE

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Erler & Kalinowski, Inc. 11/13/96
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6313160801
Received: 11/08/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/08/96, 1235
Method: Submitted By Client

I.D.: T-1-2

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	Freon	11/12/96		
Analysis Date		11/12/96		
TRPH	EPA 418.1	ND	mg/kg	5.0 mg/kg
Extraction Method/Date	EPA 5030	11/11/96		
Analysis Date		11/11/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/11/96		
Analysis Date		11/11/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	ND	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	ND	mg/kg	100 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	110	Percent	
Extraction Method/Date	EPA 5030	11/11/96		
Analysis Date		11/11/96		
EPA 8260		*		
Chloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Methylene Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
2,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroform	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
trans-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromoethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Tetrachloroethene (PCE)	EPA 8260	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Ethyl Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromoform	EPA 8260	ND	ug/kg	4.0 ug/kg
Styrene	EPA 8260	ND	ug/kg	4.0 ug/kg
Ortho Xylene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Isopropylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
2-Chlorotoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
n-Propylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
4-Chlorotoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,4-Trimethylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
tert-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3,5-Trimethylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,4-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg

ND = None Detected; MDL = Method Detection Limit

POSITIVE LAB SERVICE

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CONSTITUENT	METHOD	RESULT	UNIT	MDL
sec-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
p-Isopropyltoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
n-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,4-Trichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Naphthalene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Hexachlorobutadiene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromo-3-Chloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Surrogate		*		
Dibromofluoromethane	EPA 8260	91	Percent	
Toluene D8	EPA 8260	101	Percent	
4-Bromofluorobenzene	EPA 8260	102	Percent	
Digestion Method/Date	EPA 3050	11/11/96		
Digestion Method/Date	EPA 7471	11/12/96		
Analysis Date	EPA 6010	11/11/96		
Analysis Date	EPA 7471	11/12/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	2.4	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	91	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	12	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	8.9	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	17	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	2.8	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	9.5	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	1.8	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	31	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	56	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Sample #: 6313160812
Received: 11/08/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/08/96, 1240
Method: Submitted By Client

I.D.: T-2-2

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	Freon	11/12/96		
Analysis Date		11/12/96		
TRPH	EPA 418.1	ND	mg/kg	5.0 mg/kg
Extraction Method/Date	EPA 5030	11/11/96		
Analysis Date		11/11/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/11/96		
Analysis Date		11/11/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	ND	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	ND	mg/kg	100 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	110	Percent	
Extraction Method/Date	EPA 5030	11/11/96		
Analysis Date		11/11/96		
EPA 8260		*		
Chloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8260	ND	ug/kg	10 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
2,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
[illegible] 745-5312 FAX [illegible] 745-6372

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Chloroform	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
cis-1,3-Dichloropropene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Benzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Bromochloromethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Trichloroethene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Dibromomethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
trans-1,3-Dichloropropene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Toluene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,3-Dichloropropane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Dibromochloromethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,2-Dibromoethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Tetrachloroethene (PCE)	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Ethyl Benzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Bromoform	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Styrene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Ortho Xylene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Isopropylbenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Bromobenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
2-Chlorotoluene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
n-Propylbenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
4-Chlorotoluene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,2,4-Trimethylbenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
tert-Butylbenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,3,5-Trimethylbenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,4-Dichlorobenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
sec-Butylbenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
p-Isopropyltoluene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,2-Dichlorobenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
n-Butylbenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,2,4-Trichlorobenzene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg

ND = None Detected; MDL = Method Detection Limit

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
213-745-5312 FAX (213) 745-6372

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Naphthalene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Hexachlorobutadiene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromo-3-Chloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Surrogate		*		
Dibromofluoromethane	EPA 8260	88	Percent	
Toluene D8	EPA 8260	101	Percent	
4-Bromofluorobenzene	EPA 8260	102	Percent	
Digestion Method/Date	EPA 3050	11/11/96		
Digestion Method/Date	EPA 7471	11/12/96		
Analysis Date	EPA 6010	11/11/96		
Analysis Date	EPA 7471	11/12/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	2.2	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	88	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	11	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	8.1	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	12	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	2.3	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	13	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	1.2	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	31	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	50	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles CA 90021
[illegible] 743-5312 FAX [illegible] 743-6372

Sample #: 6313160823
Received: 11/08/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/08/96, 1300
Method: Submitted By Client

I.D.: P-2-10

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Extraction Method/Date	EPA 5030	11/11/96		
Analysis Date		11/11/96		
EPA 8260				
Chloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8260	ND	ug/kg	10 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
2,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroform	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
trans-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromoethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Tetrachloroethene (PCE)	EPA 8260	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg

ND = None Detected; MDL = Method Detection Limit

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Ethyl Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromoform	EPA 8260	ND	ug/kg	4.0 ug/kg
Styrene	EPA 8260	ND	ug/kg	4.0 ug/kg
Ortho Xylene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Isopropylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
2-Chlorotoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
n-Propylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
4-Chlorotoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,4-Trimethylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
tert-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3,5-Trimethylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,4-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
sec-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
p-Isopropyltoluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
n-Butylbenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,4-Trichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Naphthalene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Hexachlorobutadiene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromo-3-Chloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2,3-Trichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Surrogate		*		
Dibromofluoromethane	EPA 8260	90	Percent	
Toluene D8	EPA 8260	100	Percent	
4-Bromofluorobenzene	EPA 8260	101	Percent	
Digestion Method/Date	EPA 3050	11/11/96		
Digestion Method/Date	EPA 7471	11/12/96		
Analysis Date	EPA 6010	11/11/96		
Analysis Date	EPA 7471	11/12/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg

ND = None Detected; MDL = Method Detection Limit

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Arsenic	EPA 3050/6010	3.1	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	110	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	16	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	9.8	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	19	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	3.4	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	12	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	39	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	62	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

Sample #: 6313160831 Collector: Client
Received: 11/08/96 Sampling Date & Time: 11/08/96, 1310
Type: Soil Method: Submitted By Client

I.D.: P-3-55

Digestion Method/Date	EPA 3050	11/11/96		
Digestion Method/Date	EPA 7471	11/12/96		
Analysis Date	EPA 6010	11/11/96		
Analysis Date	EPA 7471	11/12/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	2.5	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	110	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	14	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	9.6	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	17	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	2.8	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	10	mg/kg	1.0 mg/kg

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	35	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	57	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

Sample #: 6313160833
Received: 11/08/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/08/96, 1315
Method: Submitted By Client

I.D.: P-4-55

Digestion Method/Date	EPA 3050	11/11/96		
Digestion Method/Date	EPA 7471	11/12/96		
Analysis Date	EPA 6010	11/11/96		
Analysis Date	EPA 7471	11/12/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	2.7	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	110	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	13	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	9.6	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	13	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	3.2	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	13	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	39	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	63	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Sample #: 6313160835
Received: 11/08/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/08/96, 1320
Method: Submitted By Client

I.D.: P-5-55

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Digestion Method/Date	EPA 3050	11/11/96		
Digestion Method/Date	EPA 7471	11/12/96		
Analysis Date	EPA 6010	11/11/96		
Analysis Date	EPA 7471	11/12/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	1.6	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	65	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	7.4	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	6.3	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	8.5	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	1.8	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	6.6	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	21	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	38	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

Sample #: 6313160837
Received: 11/08/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/08/96, 1325
Method: Submitted By Client

I.D.: P-6-55

Digestion Method/Date	EPA 3050	11/11/96
Digestion Method/Date	EPA 7471	11/12/96
Analysis Date	EPA 6010	11/11/96
Analysis Date	EPA 7471	11/12/96

(ND = None Detected; MDL = Method Detection Limit)

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	3.1	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	130	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	16	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	11	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	20	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	4.0	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	15	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	39	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	70	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

Sample #: 6313160839 Collector: ****
Received: 11/08/96 Sampling Date & Time: **/**/**, ****
Type: Soil Method: ****

I.D.: Method Blank

Extraction Method/Date	Freon	11/12/96		
Analysis Date		11/12/96		
TRPH	EPA 418.1	ND	mg/kg	5.0 mg/kg
Extraction Method/Date	EPA 5030	11/11/96		
Analysis Date		11/11/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/11/96		
Analysis Date		11/11/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	ND	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	ND	mg/kg	100 mg/kg

(ND = None Detected; MDL = Method Detection Limit)

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Surrogate		109	Percent	
Extraction Method/Date	EPA 5030	11/11/96		
Analysis Date		11/11/96		
EPA 8260		*		
Chloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8260	ND	ug/kg	10 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
2,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroform	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
trans-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromoethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Tetrachloroethene (PCE)	EPA 8260	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Ethyl Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromoform	EPA 8260	ND	ug/kg	4.0 ug/kg
Styrene	EPA 8260	ND	ug/kg	4.0 ug/kg

[ND = None Detected; MDL = Method Detection Limit]

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CHAIN OF CUSTODY AND ANALYSIS REQUEST

LOG BOOK NO. 9684 DATE: 11/8/96 PAGE 1 OF 1
FILE NO 12273 LAB NO 631316801

CLIENT NAME: ERLON G KAZINOWSKI, INC.
PROJECT NAME: WEBB PROJECT NO. 96102501 P.O. NO.
ADDRESS: 2951 28TH ST., STE 1020 SANTA MONICA CA 90405
PROJECT MANAGER: STEVE MILLER PHONE NO: FAX NO:
SAMPLER NAME: ROB HESSE (Printed) Signature:
TAT (Analytical Turn Around Time): 0 = Same Day, 1 = 24 Hour, 2 = 48 Hour, (Etc.) N = NORMAL
CONTAINER TYPES: B = Brass, G = Glass, P = Plastic, V = VOA Vial, O = Other

ANALYSES REQUESTED: 418.1, 8015M, 8260, 17 CAM Metals

AIRBILL NO: N/A
COOLER TEMP: ~4°C
PRESERVED: NR
QC REPORT LEVEL: Standard

REMARKS: 11/11/96 Steve Miller added 1 8015 HC Range to P-2-10, 631316(8). Due Mon. 11/18. Acq

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER #	TYPE	418.1	8015M	8260	17 CAM Metals					SAMPLE CONDITION/ COMMENTS:
	11/8/96	12:35	T-1-2		X			11/13	1	B	X	X	X	X	11				
		12:40	T-2-2		X			11/13	1	B	X	X	X	X	22				
		13:00	P-2-10		X			11/13	1	B			X	X	99				8015 - HC Range due Monday
		13:10	P-3-55		X			11/13	1	B				X					
		13:15	P-4-55		X			11/13	1	B				X					
		13:20	P-5-55		X			11/13	1	B				X					
		13:25	P-6-55		X			11/13	1	B				X					

Relinquished By (Signature and Printed Name): ROB HESSE — Received By (Signature and Printed Name): Nicole Ballezor — Date: 11/8/96 — Time: 15:45
Relinquished By (Signature and Printed Name) — Received By (Signature and Printed Name) — Date — Time
Relinquished By (Signature and Printed Name) — Received By (Signature and Printed Name) — Date — Time

SAMPLE DISPOSITION:
1. Samples returned to client? YES (NO)
2. Samples will not be stored over 30 days unless additional storage time is requested
3. Storage time requested ____ days
By ____ Date ____

SPECIAL INSTRUCTIONS: TAT BY 11/13/96; REPORT ON RWQCB LAB FORM 10A

DISTRIBUTION: WHITE, YELLOW, PINK TO LAB — GOLD TO CLIENT

Attachment to a Letter to Mr. John Awujo
Los Angeles County Department of Public Works
10 December 1996

Attachment D - - Sample Analysis Results for Waste Disposal

Clarification Note: Sample DS-2 is indicated to be "soil" but it is predominately dry paint scrapings

POSITIVE LAB SERVICE

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Revised
12/12/96

Erler & Kalinowski, Inc.
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6325121601
Received: 11/20/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/18/96, 1400
Method: Submitted By Client

I.D.: DS-2

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	0.11	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/25/96		
Analysis Date		11/25/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	1400	mg/kg	50 mg/kg
C20 - C30	EPA 8015M	10000	mg/kg	500 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	185	Percent	
Digestion Method/Date	EPA 3050	11/25/96		
Digestion Method/Date	EPA 7471	11/25/96		
Analysis Date	EPA 6010	11/25/96		
Analysis Date	EPA 7471	11/25/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	360	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	1.7	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	2700	mg/kg	100 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	2.3	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	7300	mg/kg	20 mg/kg
Cobalt	EPA 3050/6010	150	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	850	mg/kg	1.0 mg/kg

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Lead	EPA 3050/6010	31000	mg/kg	5.0 mg/kg
Molybdenum	EPA 3050/6010	140	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	18	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	0.64	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	7.1	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	1200	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	1.7	mg/kg	1.0 mg/kg
Extraction Method/Date	EPA 5030	11/20/96		
Analysis Date		11/20/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg

(ND = None Detected; MDL = Method Detection Limit)

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Erler & Kalinowski, Inc.
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

12/12/96

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6325121621
Received: 11/20/96
Type: Water

Collector: Client
Sampling Date & Time: 11/18/96, 1450
Method: Submitted By Client

I.D.: DS-3

=========CONSTITUENT==========	====METHOD=====	==RESULT==	===UNIT===	===MDL=====
Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/l	0.05 mg/l
Extraction Method/Date	EPA 3510	11/22/96		
Analysis Date		11/22/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	7.0	mg/l	1.0 mg/l
C20 - C30	EPA 8015M	37	mg/l	10 mg/l
Surrogate		*		
N-Tetracosane	EPA 8015M	56	Percent	
Digestion Method/Date	EPA 3010	11/20/96		
Digestion Method/Date	EPA 245.1	11/21/96		
Analysis Date	EPA 6010	11/20/96		
Analysis Date	EPA 245.1	11/21/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3010/6010	0.055	mg/l	0.01 mg/l
Arsenic	EPA 3010/6010	0.0056	mg/l	0.005 mg/l
Barium	EPA 3010/6010	0.28	mg/l	0.01 mg/l
Beryllium	EPA 3010/6010	ND	mg/l	0.01 mg/l
Cadmium	EPA 3010/6010	0.014	mg/l	0.01 mg/l
Chromium	EPA 3010/6010	0.37	mg/l	0.01 mg/l
Cobalt	EPA 3010/6010	0.052	mg/l	0.01 mg/l
Copper	EPA 3010/6010	0.41	mg/l	0.01 mg/l
Lead	EPA 3010/6010	1.1	mg/l	0.005 mg/l

[ND = None Detected; MDL = Method Detection Limit]

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Erler & Kalinowski, Inc. 12/12/96
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6325121625
Received: 11/20/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/18/96, 1500
Method: Submitted By Client

I.D.: SP-1

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/22/96		
Analysis Date		11/22/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	ND	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	ND	mg/kg	100 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	82	Percent	
Digestion Method/Date	EPA 3050	11/25/96		
Digestion Method/Date	EPA 7471	11/25/96		
Analysis Date	EPA 6010	11/25/96		
Analysis Date	EPA 7471	11/25/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	2.4	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	96	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	17	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	10	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	18	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	17	mg/kg	0.5 mg/kg

(ND = None Detected; MDL = Method Detection Limit)

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	9.5	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	34	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	83	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 5030	11/20/96		
Analysis Date		11/20/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8240	ND	ug/kg	4.0 ug/kg

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

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(213) 745-5312 FAX (213) 745-6372

Erler & Kalinowski, Inc. 12/12/96
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6325121643
Received: 11/20/96
Type: Water

Collector: ****
Sampling Date & Time: **/**/**, ****
Method: ****

I.D.: Method Blank

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/l	0.1 mg/l
Extraction Method/Date	EPA 3550	11/25/96		
Analysis Date		11/25/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	ND	mg/l	10 mg/l
C20 - C30	EPA 8015M	ND	mg/l	100 mg/l
Surrogate		*		
N-Tetracosane	EPA 8015M	105	Percent	
Digestion Method/Date	EPA 3010	11/20/96		
Digestion Method/Date	EPA 245.1	11/21/96		
Analysis Date	EPA 6010	11/20/96		
Analysis Date	EPA 245.1	11/21/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3010/6010	ND	mg/l	0.01 mg/l
Arsenic	EPA 3010/6010	ND	mg/l	0.005 mg/l
Barium	EPA 3010/6010	ND	mg/l	0.01 mg/l
Beryllium	EPA 3010/6010	ND	mg/l	0.01 mg/l
Cadmium	EPA 3010/6010	ND	mg/l	0.01 mg/l
Chromium	EPA 3010/6010	ND	mg/l	0.01 mg/l
Cobalt	EPA 3010/6010	ND	mg/l	0.01 mg/l
Copper	EPA 3010/6010	ND	mg/l	0.01 mg/l
Lead	EPA 3010/6010	ND	mg/l	0.005 mg/l

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Molybdenum	EPA 3010/6010	ND	mg/l	0.01 mg/l
Nickel	EPA 3010/6010	ND	mg/l	0.01 mg/l
Selenium	EPA 3010/6010	ND	mg/l	0.005 mg/l
Silver	EPA 3010/6010	ND	mg/l	0.01 mg/l
Thallium	EPA 3010/6010	ND	mg/l	0.005 mg/l
Vanadium	EPA 3010/6010	ND	mg/l	0.01 mg/l
Zinc	EPA 3010/6010	ND	mg/l	0.1 mg/l
Mercury	EPA 245.1/245.1	ND	mg/l	0.001 mg/l
Extraction Method/Date	EPA 3550	11/21/96		
Analysis Date		11/21/96		
EPA 8080 PCB'S		*		
Aroclor 1016	EPA 8080	ND	ug/l	50 ug/l
Aroclor 1221	EPA 8080	ND	ug/l	50 ug/l
Aroclor 1232	EPA 8080	ND	ug/l	50 ug/l
Aroclor 1242	EPA 8080	ND	ug/l	50 ug/l
Aroclor 1248	EPA 8080	ND	ug/l	50 ug/l
Aroclor 1254	EPA 8080	ND	ug/l	50 ug/l
Aroclor 1260	EPA 8080	ND	ug/l	50 ug/l
Surrogate		*		
2,4,5,6-Tetrachloro-m-Xylene	EPA 8080	106	Percent	
Decachlorobiphenyl	EPA 8080	79	Percent	
Extraction Method/Date	EPA 5030	11/20/96		
Analysis Date		11/20/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/l	8.0 ug/l
Vinyl Chloride	EPA 8240	ND	ug/l	8.0 ug/l
Bromomethane	EPA 8240	ND	ug/l	8.0 ug/l
Chloroethane	EPA 8240	ND	ug/l	8.0 ug/l
Trichlorofluoromethane	EPA 8240	ND	ug/l	40 ug/l
Acetone	EPA 8240	ND	ug/l	80 ug/l
1,1-Dichloroethene	EPA 8240	ND	ug/l	4.0 ug/l
Methylene Chloride	EPA 8240	ND	ug/l	20 ug/l
Carbon Disulfide	EPA 8240	ND	ug/l	40 ug/l
trans-1,2-Dichloroethene	EPA 8240	ND	ug/l	4.0 ug/l
1,1-Dichloroethane	EPA 8240	ND	ug/l	4.0 ug/l
Vinyl Acetate	EPA 8240	ND	ug/l	40 ug/l

[ND = None Detected; MDL = Method Detection Limit]

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Erler & Kalinowski, Inc. 11/27/96
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6325154801
Received: 11/20/96
Type: Water

Collector: Client
Sampling Date & Time: 11/19/96, 1130
Method: Submitted By Client

I.D.: DS-3

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	11/25/96		
Analysis Date		11/25/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/l	1.0 ug/l
Vinyl Chloride	EPA 8240	ND	ug/l	1.0 ug/l
Bromomethane	EPA 8240	ND	ug/l	1.0 ug/l
Chloroethane	EPA 8240	ND	ug/l	1.0 ug/l
Trichlorofluoromethane	EPA 8240	ND	ug/l	5.0 ug/l
Acetone	EPA 8240	89	ug/l	10 ug/l
1,1-Dichloroethene	EPA 8240	ND	ug/l	0.5 ug/l
Methylene Chloride	EPA 8240	ND	ug/l	2.5 ug/l
Carbon Disulfide	EPA 8240	ND	ug/l	5.0 ug/l
trans-1,2-Dichloroethene	EPA 8240	ND	ug/l	0.5 ug/l
1,1-Dichloroethane	EPA 8240	ND	ug/l	0.5 ug/l
Vinyl Acetate	EPA 8240	ND	ug/l	5.0 ug/l
2-Butanone	EPA 8240	150	ug/l	5.0 ug/l
Chloroform	EPA 8240	ND	ug/l	0.5 ug/l
1,1,1-Trichloroethane	EPA 8240	ND	ug/l	0.5 ug/l
1,2-Dichloroethane	EPA 8240	ND	ug/l	0.5 ug/l
Carbon Tetrachloride	EPA 8240	ND	ug/l	0.5 ug/l
Benzene	EPA 8240	ND	ug/l	0.5 ug/l
1,2-Dichloropropane	EPA 8240	ND	ug/l	0.5 ug/l
Trichloroethene	EPA 8240	ND	ug/l	0.5 ug/l
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/l	0.5 ug/l
Bromodichloromethane	EPA 8240	ND	ug/l	0.5 ug/l
P-Dioxane	EPA 8240	ND	ug/l	5.0 ug/l

(ND = None Detected; MDL = Method Detection Limit)

POSITIVE LAB SERVICE

781 East Washington Blvd.,
Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

LOG BOOK NO. 9852 DATE 11/19/96 PAGE 1 OF 1
FILE NO LAB NO 6225 15 48 01

CLIENT NAME: FULLER & KALINOWSKI, INC.

PROJECT NAME: WEBB PROJECT NO. 961025.01 P.O. NO.

ADDRESS: 2451 28TH ST., STE 1020, SANTA MONICA, CA 90405

PROJECT MANAGER: STEVE MILLER PHONE NO: 310 314 8855 FAX NO: 310 314 8860

SAMPLER NAME: ROB HESSE (Printed) [signature] (Signature)

TAT (Analytical Turn Around Time) 0 - Same Day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES B - Brass, G - Glass, P - Plastic, V = VOA Vial, O = Other:

ANALYSES REQUESTED:

AIRBILL NO: N/A
COOLER TEMP: 40°F
PRESERVED: NR
QC REPORT LEVEL: NORMAL

REMARKS:

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER: #	CONTAINER: TYPE	8240								SAMPLE CONDITION/ COMMENTS:
	11/19/96	11:30	DS-3	X				N	3	V	X								RESULTS WITH SAMPLES OF 11/18

Relinquished By (Signature and Printed Name)	Received By (Signature and Printed Name)	Date	Time
ROB C. HESSE [signature]	[signature]	11/19/96	15:00
Relinquished By (Signature and Printed Name)	Received By (Signature and Printed Name)	Date	Time
Relinquished By (Signature and Printed Name)	Received By (Signature and Printed Name)	Date	Time

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1 Samples returned to client? YES (NO)
2 Samples will not be stored over 30 days, unless additional storage time is requested
3 Storage time requested days
By Date

DISTRIBUTION WHITE, YELLOW, PINK TO LAB GOLD TO CLIENT

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

HARRY W. STONE, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

DEC 17 1996

Mr. Eli Stanesa
Jervis B. Webb Company
34375 West 12 Mile Road
Farmington Hills, MI 48331

IN REPLY PLEASE REFER TO FILE: EP-1
017580-024024

Dear Mr. Stanesa:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE CERTIFICATION
FACILITY LOCATION: 9301 Rayo Avenue., South Gate
CLOSURE APPLICATION NUMBER 175812

This office has reviewed the final closure report dated December 10, 1996 required as a part of the subject closure permit. Based on the information submitted, we find that all closure requirements have been completed. 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.

If you have any questions regarding this matter, please contact Mr. John Awujo of this office at (818) 458-3507, Monday through Thursday, 7:00 a.m. to 5:30 p.m.

Very truly yours,

HARRY W. STONE
Director of Public Works

M.D. Esp

for CARL W. SJOBERG
Chief, Industrial Waste Planning & Control
Environmental Programs Division

UST1/CL205 REV. 10/95
C180140
cc: California Regional Water Quality Control Board
Mr Steven Miller, Erler & Kalinowski, Inc.

Erler & Kalinowski, Inc.

Consulting Engineers and Scientists

Santa Monica Business Park
2951 28th Street, Suite 1020
Santa Monica, California 90405
(310) 314-8855
Fax (310) 314-8860

6 February 1997

Eli Stanesa, Esq.
Jervis B. Webb Company
34375 West Twelve Mile Road
Farmington, MI 48331-5624

Subject: Transmittal of Manifests for Waste Materials Removed from the Webb Facility and Results of Soil Compaction Testing at 9301 Rayo Avenue in South Gate, California (EKI 961025.01)

Dear Mr. Stanesa:

Erler & Kalinowski, Inc. ("EKI") is pleased to transmit to the Jervis B. Webb Company ("Webb") the waste manifests and soil compaction testing report related to completed remedial activities at the Webb Property located at 9301 Rayo Avenue in South Gate, California ("Site").

The waste manifests attached in Appendix A document the volume and type of non-hazardous soil and hazardous materials removed from the Site following excavation and tank closure activities at the Site. Several types of wastes were generated during performance of closure activities at the Site from October through December 1996.

Hazardous Waste Manifests

The following hazardous wastes were generated: 1) dry paint sump materials, including sump scrapings; 2) oily solids materials removed from machine pits and the utility trench; and, 3) oily rinse water consolidated with paint sump triple-rinse water. These materials are described on the attached Uniform Hazardous Waste Manifest Nos. 96014112 and 96339660. These materials were removed from the Site on 10 January 1997 by Advanced Environmental Technical Services, Inc. ("AETS") and disposed at the Chemical Waste Management, Inc. facility in Kettleman City, California and the Evergreen Environmental Services, Inc. facility in Carson, California.

Non-Hazardous Waste Manifests

Excavated soil generated as a result of tank removal and soil excavation activities was removed from the Site on 10 January 1997. These non-hazardous materials are described on Non-Hazardous Waste Manifest Nos. 29166 and 29169. These materials were removed by Cornerstone Environmental Contractors, Inc. ("Cornerstone") and disposed at the McKittrick Waste Treatment Site in McKittrick, California.

Soil Backfilling and Compaction Testing

Following soil excavation and tank removal activities at the Site, excavations were re-surfaced with clean backfill imported to the Site. Observation of backfilling and soil compaction testing were performed by Smith-Emery Geoservices of Los Angeles. Attached in Appendix B are Smith-Emery's Compaction Testing Results. According to the Smith-Emery Report, dated 9 December 1996, two soil compaction tests were performed during backfilling of the paint sump (Tank 1) excavation, and three tests were completed during backfilling of the Tank 2 excavation. All compaction tests report compliance with the 95 % relative compaction as specified for both areas.

If you have any questions regarding the above please don't hesitate to call.

Very truly yours,

ERLER & KALINOWSKI, INC.

Steven G. Miller, P.E.
Project Manager

Appendix A

Waste Manifests

Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

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. CAD 009 183 914 6 7
Manifest Document No. 41120
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible] U.S. OF CALIFORNIA
[illegible]
4. Generator's Phone [illegible]

A. State Manifest Document Number 96014112
B. State Generator's ID

5. Transporter 1 Company Name [illegible]
6. US EPA ID Number [illegible]
C. State Transporter's ID
D. Transporter's Phone 201 347-7111

7. Transporter 2 Company Name M.P. Environmental
8. US EPA ID Number CAT000624247
E. State Transporter's ID
F. Transporter's Phone 800 458-3036

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
[illegible] BRYANT ROAD
KETTLEMAN CITY, CA 93239
10. US EPA ID Number CAT080016117
G. State Facility's ID CAT080016117
H. Facility's Phone 209/386-9711

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 Number
a. UN-RCRA HAZARDOUS WASTE SOLID (SOIL CONTAMINATED WITH OIL SPILLS)	001	DM	01200	P	State 611 / EPA/Other NONE
b. UN-RCRA HAZARDOUS WASTE SOLID (SOIL SOME SCRAP MGB)	001	DM	00200	P	State 181 / EPA/Other NONE
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
A. PROFILE #CA3207. LTL.
B. PROFILE #CA3208 LTL

K. Handling Codes for Wastes Listed Above
a. 03 b. 03 c. d.

15. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PROTECTIVE GEAR WHEN HANDLING.
EMERGENCY 24-HOUR TELEPHONE# 800-424-9300

*CHP is withholding enforcement of various aspects of the hazardous waste transport vehicle and container inspection and certification program dated 9/22/95.

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 Authorized Agent Jason Whipple — Signature — Month 01 Day 10 Year 97

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Mark Jerls — Signature — Month 01 Day 10 Year 97

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Mark Jerls on Behalf of M.P. — Signature — Month 01 Day 16 Year 97

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 STEVE BARRETT — Signature — Month 01 Day 20 Year 97

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACILITY

DSC 8022A (1/95)
A 8700-22

White: TODF SENDS THIS COPY TO DTSC WITHIN 10 DAYS
To: P.O. Box 3000, Sacramento CA 95812

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-pitch) writer.

See Instructions on back page 6.

Department of Toxic Substances Co
Sacramento, California

96339660

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD008339467 — Manifest Document No.: 39660
2. Page 1 of 1
Information in the shaded areas is not required by Federal law. EES8

3. Generator's Name and Mailing Address
Jewis Webb of CA
9301 Rayo Street Sogate, CA 90746

4. Generator's Phone 800 605-4496

5. Transporter 1 Company Name: EVERGREEN ENVIRONMENTAL SERVICES
6. US EPA ID Number: CAL000027724

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
EVERGREEN ENVIRONMENTAL SERVICES
16604 SOUTH SAN PEDRO STREET
CARSON, CA 90746
10. US EPA ID Number: CAD981696420

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Used oily water Non-RCRA Hazardous waste, Liquid	001	TT	00165	G
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information
24 Hour Emergency Response Telephone No.: CHEMTREC 1-800-424-9300 Invoice # 566439
DOT ERG 31 WEAR PROTECTIVE CLOTHING

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: Authorized Agent X Jason Wheelock — Signature: Authorized Agent X [signature] — Month 01 Day 1 Year 09

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [signature] — Signature: [signature] — Month 01 Day 1 Year 09

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 hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: J. M. SPARKS — Signature: [signature] — Month 01 Day 1 Year 09

DO NOT WRITE BELOW THIS LINE.

DTSC 5022A (1-93)
EPA 8700—22

White: 150F SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento, CA 95812

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 00001

2. Page 1 of 1

3. Generator's Name and Mailing Address
Gervis B. Webb Co. of California
(Mayo Property) 9301 Mayo, South Gate, CA.

4. Generator's Phone ( )

5. Transporter 1 Company Name: Jervicon Inc

6. US EPA ID Number: CA0982519208

A. Transporter's Phone: 805 922 0771

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
McKittrick Waste Treatment Site
56533 Hwy 58 W
McKittrick, CA. 93251

10. US EPA ID Number

C. Facility's Phone: 805-762-7366

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non hazardous soil	001	DT	00024	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
soil with trace metals
approval # 197-032-IY 14Y3

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Wear appropriate protective clothing.

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: Authorized Agent Jason Wheelock
Signature: Authorized Agent
Month Day Year: 01 10 9

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Typed Name: Gerald Cardle
Signature: Gerald Cardle
Month Day Year: 01 10 9

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
TONS 1525 of 6

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed Typed Name: Connie Williams
Signature: Connie Williams
Month Day: 1 10

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

WEIGHMASTER - McKITTRICK WASTE DISPOSAL SITE

Tik# 29166

SUBSIDIARY OF SANIFILL, INC. | [illegible] ENV. CONT. INC.
[illegible] HIGHWAY 58 WEST | CUSTOMER ACCT# [illegible]
McKITTRICK, CA [illegible] | VEHICLE ID# [illegible]
PHONE: [illegible] | TIME: [illegible] DATE: [illegible]
PREPARED BY: [illegible] | MANUAL TICKET# [illegible]

COMMODITY: [illegible]
HAULER: [illegible] HAULER TICKET NUMBER: [illegible]
MANIFEST#: [illegible] SOURCE ID: [illegible]
GEN: [illegible] NAME: [illegible] PROPERTY [illegible]
GEN SOURCE ADDRESS: [illegible] PROPERTY
TONS GROSS: [illegible] TARE: [illegible] NET: [illegible]
CUBIC YARDS: [illegible]

ANALYSIS NOTATIONS

COLOR:	BRN	CYANIDES:	NEG	PH:	[illegible]
SULFIDES:	NEG	FREE LIQS:	NO	[illegible]	[illegible]
				[illegible]	[illegible]

PAYMENT METHOD: CHARGE; ACCOUNT CODE

MODE: DATE:

SIGNATURE: ______________

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.

WEIGHMASTER: ______________
DEPUTY

WEIGHMASTER: ______________
DEPUTY, IF DIFFERENT FROM GROSS ABOVE

WEIGHMASTER CERTIFICATE

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.

WEIGHMASTER • McKITTRICK WASTE TREATMENT SITE — A subsidiary of Sanifill, Inc.
56533 HWY. 58 WEST • McKittrick, CA 93251
(805) 762-7366

"CLASS II SITE"

53821

WEIGHING LOCATION

HIGHWAY 58, 1/4 MILE WEST OF HIGHWAY 33
McKITTRICK, CALIFORNIA

If Waste Is Weighed It Is 100% Nonhazardous

DATE	TIME	WEIGHT IN LBS.	
01/10/97	11:16 am	60240 lb	GROSS
01/10/97	11:44 am	30140 lb	TARE
			NET
			TONS

GROSS BY

TARE BY DEPUTY

DEPUTY (IF DIFFERENT FROM GROSS ABOVE)

WEIGHED FOR / SELLER

DELIVERED TO / BUYER McKITTRICK WASTE TREATMENT SITE

DRIVER

VEHICLE LIC. NOS.	TRAILER LIC.	TRAILER LIC.	COMMODITY	UNITS	B/L NO.
SP16757	FT9342				

CARRIER

FEE: ☐ PD ☐ CHG $

P.C.

BILLING INFORMATION

ACCEPTANCE NO.

INVOICE: ☐ HAULER ☐ GENERATOR

☐

WASH OUT: @ $ EACH

COST PER TON: $

TOTAL COST: $

SAMPLE SCREENING INFORMATION

COLOR SULFIDES

CYANIDES

pH LAYERS 1

FREE LIQUID NO

FLASH PT.

OTHER

27167

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 00002

2. Page 1 of 1

3. Generator's Name and Mailing Address
Jervis B. Webb Co. of California
(Rayo Property) 9301 Rayo, South Gate, CA.

4. Generator's Phone ( )

5. Transporter 1 Company Name: Mills

6. US EPA ID Number: CAL000827850

A. Transporter's Phone: 805-773-3147

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
McKittrick Waste Treatment Site
56533 Hwy 58 W
McKittrick, CA. 93251

10. US EPA ID Number:

C. Facility's Phone: 805-762-7366

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt Vol
a. Non hazardous soil	001	DT	00024	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
soil with trace metals
approval #197-032-IY

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
WEar appropriate protective clothing.

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: Authorized Agent Jason Wheelock
Signature: Authorized Agent [signature]
Month 01 Day 10 Year 97

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Typed Name: Curtis Mills
Signature: C. Mills
Month 01 Day 10 Year 97

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space
TONS PH 6

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed Typed Name: Connie Williams
Signature: Connie Williams
Month 1 Day 10 Year 97

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

LIGHMASTER - McKITTRICK WASTE DISPOSAL SITE

TIK# 29169

SUBSIDIARY OF SANIFILL, INC.	CORNERSTONE ENV. CONT. INC.
[illegible] Highway 58 West	CUSTOMER ACCT# [illegible]
McKITTRICK, CA [illegible]	VEHICLE ID# [illegible]
PHONE# [illegible]	TIME: [illegible] DATE: [illegible]
PREPARED BY: [illegible]	MANUAL TICKET# [illegible]

COMMODITY: SOLID/CONT

HAULER#: [illegible] HAULER TICKET NUMBER: [illegible]

MANIFEST#: [illegible] SOURCE ID: [illegible]

GEN: [illegible] NAME: RAYO PROPERTY PROD#:

GEN SOURCE ADDRESS: RAYO PROPERTY

TONS GROSS: [illegible] LBS TARE: [illegible] LBS NET: [illegible] LBS

CUBIC YARDS: [illegible]

ANALYSIS NOTATIONS

COLOR: BRN	CYANIDES: NEG	Pb:	[illegible]
SULFIDES: NEG	FREE LIQ: NO	LAYERS:	[illegible]
		BBLS DRUMS:	[illegible]

[illegible] CHG: PROFILE CHAR QUANTITY: [illegible] CTH

PAYMENT METHOD: CHARGE: ACCOUNT RECE

MODIA [illegible]

SIGNATURE: [signature]

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 [illegible] commencing with section [illegible] of Division 5 of the California Business and Professions Code, administrated by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER: [signature]
DEPUTY

WEIGHMASTER: _____
DEPUTY OR DIFFERENT FROM GROSS ABOVE

Appendix B

Soil Compaction Testing Results

SMITH-EMERY GEOSERVICES
A MEMBER OF THE SMITH-EMERY COMPANIES, ESTABLISHED 1904

22795 Savi Ranch Pkwy., Suite B
Yorba Linda, California 92687
(714) 921-8938
Fax (714) 921-4264

December 9, 1996

SEG File No.: 91463
SEG Report No.: 96-0856

Cornerstone Environmental
2121 N. California Blvd. #290
Walnut Creek, California 94596

Attn: Jim Wheelock

RE: J.B. WEBB COMPANY
SouthGate, California

SUBJECT: COMPACTION TESTING

REPORT OF TESTS

In compliance with your request, Smith-Emery GeoServices 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 D1557-91, five layer method. Test results are presented on the attached Table 2.

Respectfully submitted,

SMITH-EMERY GEOSERVICES

ROBERT H. GREELEY
Supervisor, GeoServices

RG/jb
Attachments
cc: 2 - Addressee

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 compacted earth fill report.

SMITH-EMERY GEOSERVICES

December 9, 1996

SEG File No.: 91463
SEG Report No.: 96-0856

Project: **J. B. WEBB COMPANY**
SouthGate, California

ELEVATION KEY		METHOD KEY
SG-Subgrade	FSG-Finish Subgrade	SC-Sandcone
FG-Finish Grade	FAB-Finish Aggregate Base	NG-Nuclear Gauge
AB-Aggregate Base	BTM-Bottom	DT-Drive Tube

RESULTS OF DENSITY TESTS

Test No.:	Date	Test Type	Elev. Depth (ft.)	Moisture Content (%)	Dry Density (p.c.f.)	Relative Compaction Field (%)	Relative Compaction Specified (%)	Soil Type
1	11-20	NG	-2'FG	9.0	111.4	96	95	I
LOCATION:		16.5' W x 30'L x 4'D EXC. BF						
2	11-20	NG	-5' FG	10.1	109.8	95	95	I
LOCATION:		9' W x 10'L x 14'D EXC. BF						
3	11-20	NG	-2' FG	9.5	110.3	95	95	I
LOCATION:		9'W x 10'L x 14'D EXC. BF						
4	11-20	NG	FG	8.6	112.8	97	95	I
LOCATION:		9' W x 10'L x 14'D EXC. BF						
5	11-20	NG	FG	9.0	111.9	96	95	I
LOCATION:		16.5' W x 30'L x 4'D EXC. BF						