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

16 January 1997

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LOS ANGELES REGION
98 FEB 19 PM 12:0

Mr. Jim Hanson, SFD-1-1
U.S. EPA Region IX
75 Hawthorne Street
San Francisco, CA 94105

Subject: Request for Reassessment of the Jervis B. Webb Company of California Property at 9301 Rayo Avenue, South Gate, California
Site EPA ID Number: CAD 008339467
(EKI 961025.01)

Dear Mr. Hanson:

On behalf of the Jervis B. Webb Company of California ("Webb"), Erler & Kalinowski, Inc. ("EKI") requests the reassessment of the property at 9301 Rayo Avenue in South Gate ("Site"). The Site is listed on the Comprehensive Environmental Response, Compensation, and Liability Information System ("CERCLIS"). A Preliminary Assessment/Site Inspection has been completed for the U.S. EPA Region IX by Bechtel and was described in a report dated 1 September 1994. On the basis of the Bechtel report's concern over the presence of paint in Webb's former operations, the U.S. EPA decided that further assessment of the Site was needed under CERCLA and that this assessment would consist of an Expanded Site Inspection ("ESI"), however, the Site was indicated to be a lower priority. As we have discussed during our recent telephone conversations, Webb is in the process of trying to sell the Site and has found that the CERCLIS listing is a significant hindrance to the sale of the property.

In order to prepare the property for sale, Webb has recently completed underground storage tank closure activities as well as other general site cleanup work. Inasmuch as the Los Angeles County Department of Public Works ("LACDPW") has issued a certification for tank closure and California EPA's Department of Toxic Substances Control ("DTSC") has deleted the Site from its CalSites database, it appears that the CERCLIS listing of the Site is the only outstanding environmental regulatory agency issue that needs to be addressed.

In connection with the tank closure and general site cleanup efforts, soil sampling data are now available which specifically responds to the Bechtel report's concern over the past use of paint at the Site. We request that the U.S. EPA reassess the Site pursuant its CERCLIS listing considering this new information. The new information is reported in the following documents, which are enclosed:

Report of Closure of Two Tanks prepared by EKI and dated 10 December 1996. This report includes data and other information related to underground storage tank closure.

Hazardous Materials Underground Storage Tank Closure Certification letter from the LACDPW and dated 17 December 1996. This letter approves closure of the tanks.

Utility Trench Soil Removal and Sampling Results, Laboratory Analyses for Wastes Generated during General Site Cleanup, and Additional QA/QC Data letter from Erler & Kalinowski, Inc., dated 15 January 1997.

Letter from DTSC dated 17 December 1996. This letter indicates that the Site has been deleted from the CalSites database.

Review of Hazard Ranking System Factors Identified by Bechtel

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 addresses the 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.

Therefore, the new data directly responds to the Bechtel report's concern over possible subsurface contamination from Webb's past paint operation by demonstrating only shallow soil impacts with no indication of contamination migrating deeper in the soil or threatening groundwater.

We hope that the new data will allow the U.S. EPA to conclude that the site can be removed from the CERCLIS list expeditiously. We appreciate your assistance in this matter. Please call if you have any questions.

Very truly yours,

ERLER & KALINOWSKI, INC.

Steven G. Miller, P.E.
Project Manager

enclosures

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

Attachment to a letter to Jim Hanson, U.S. EPA
from Erler & Kalinowski, Inc.
dated 16 January 1997

CONTENTS

Tab A - *Report of Closure of Two Tanks* prepared by Erler & Kalinowski, Inc. ("EKI"), dated 10 December 1996.

Tab B - *Hazardous Materials Underground Storage Tank Closure Certification* letter from the Los Angeles County Department of Public Works, dated 17 December 1996.

Tab C - *Utility Trench Soil Removal and Sampling Results, Laboratory Analyses for Wastes Generated during General Site Cleanup, and Additional QA/QC Data* letter from EKI, dated 15 January 1997.

Tab D - Letter from the California EPA Department of Toxic Substances Control, dated 17 December 1996.

A

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: 01-15-80-07
PERMIT: 1-15-81
AR/CODE:
SIC/CODE:
SEAT ID:
ID:

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 Stanesa Title ASSOCIATE GENERAL COUNSEL

Printed Name ELI STANESA Date 10.17.96

PW-1112 DPW REV. 7/94

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
Mailing Address 34375 W. 12 Mile Road City Farmington Hills State Mich Zip 48331 Phone (810) 553-1000

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

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

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 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

BARRY W. STONE
Director of Public Works
By John Hoyt 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 X
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			

dn4/FPERMIT Rev. 3/90

Cont'd on Page 2

CLOSURE PERMIT SUPPLEMENT

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.

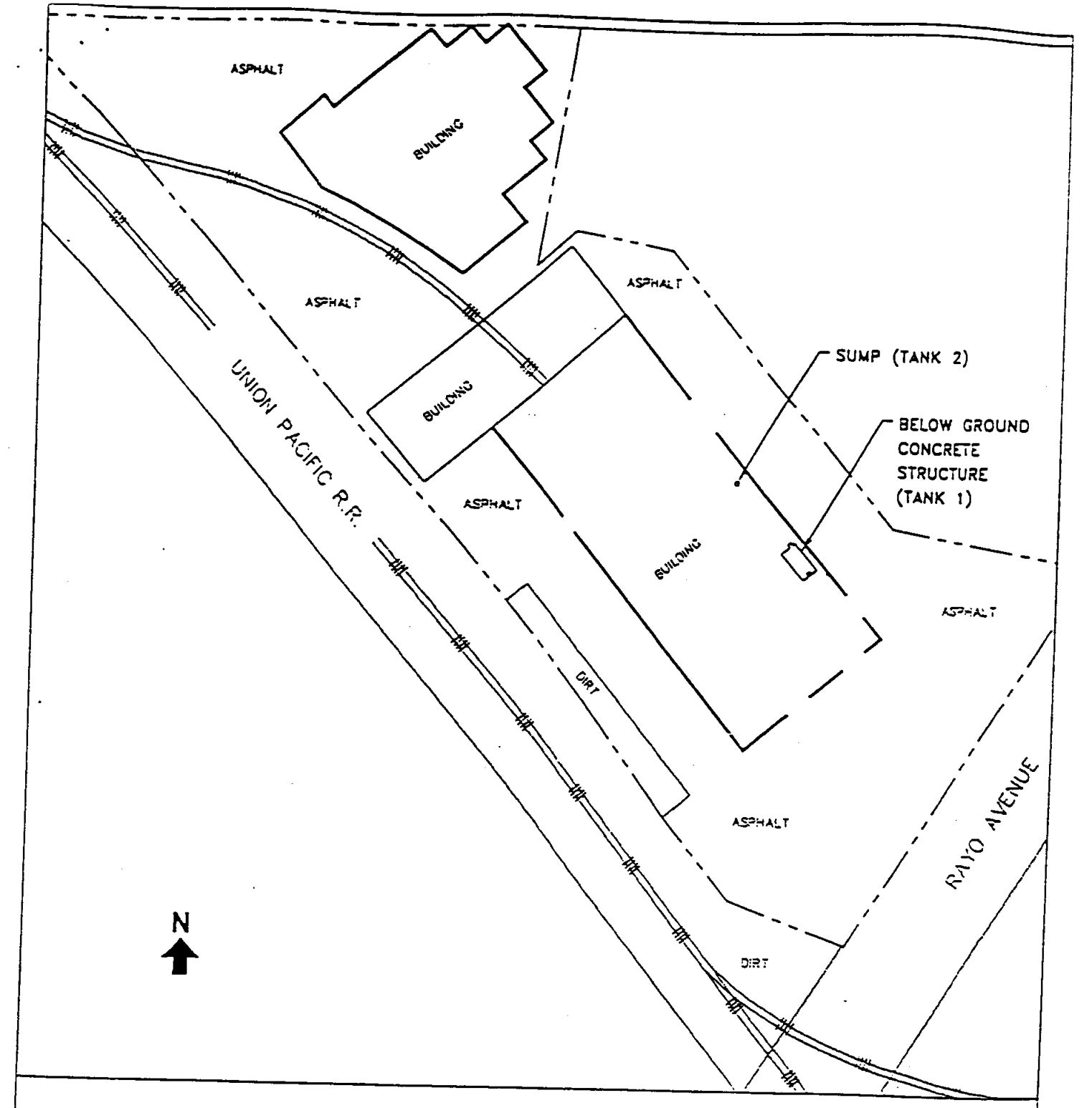
5. The analytical results for all soil samples shall be expressed milligrams per kilogram (mg/kg), or micrograms per kilogram (ug/kg) as appropriate. Practical quantitation limits of 5-10 ug/kg (ppb) for volatile organics and 1 mg/kg (ppm) for the petroleum hydrocarbons must be achieved by the laboratory.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

CONDITIONS C -- PERMANENT TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tanks shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be backfilled and recompacted to a relative compaction of 90%.

CONDITIONS D -- PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test borings may be drilled vertically and the reason stated in the report in 2.h. below.

   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.

   c. For multiple tanks, as a minimum, borings shall be placed at 20 foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.

   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.

   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.

   f. Soil samples shall be capped immediately with teflon or aluminum.

   g. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.

   h. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials

002230

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 uncontrolle 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 STAWSA ASSOCIATE GENERAL COUNSEL

Signature Eli Stawsa Date 10.17.96

ATTENTION CONTRACTOR

NOTIFICATION/PERMIT REQUIREMENTS

This Closure Authorization is issued subject to compliance with all applicable laws and regulatio relating to the performance of work including, but not limited to, business license requiremen Building Codes, Fire Codes, Air Quality regulations, Health and Safety Codes, Water Codes, a Transportation regulations.

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations 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 pric to commencement of work on this closure.

[X] 72 HOURS - DEPARTMENT OF PUBLIC WORKS INDUSTRIAL WASTE ENGINEERIN 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 REQUE

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)
DAYS: NAME (LAST, FIRST): E. Stanesa
PHONE # WITH AREA CODE: (810) 553-1000
NIGHTS: NAME (LAST, FIRST): none
PHONE # WITH AREA CODE:

EMERGENCY CONTACT PERSON (SECONDARY) - optional
DAYS: 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
✓ box to indicate: [X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-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: [X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-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): E. Stanesa
OWNER'S TITLE: Associate General Counsel
DATE MONTH/DAY/YEAR: 10-17-96

LOCAL AGENCY USE ONLY

COUNTY #: 19
JURISDICTION #: 9010
FACILITY #: 0240024
LOCATION CODE - OPTIONAL: 21
CENSUS TRACT # - OPTIONAL:
SUPVISOR - DISTRICT CODE - OPTIONAL:

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.
OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM

MARK ONE ITEM: [ ] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY TANK CLOSURE [X] 7 PERMANENTLY CLOSED ON SITE [ ] 8 TANK REMOVED

OBA OR FACILITY NAME WHERE TANK IS INSTALLED: Jerome F. Lucas Company of California — TANK OUT OF USE — 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 [ ] 2 ALKYD LINING [X] 6 UNLINED [ ] 3 EPOXY LINING [ ] 95 UNKNOWN [ ] 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 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): 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

APPLICANTS NAME (PRINTED & SIGNATURE): Eli 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 #
	19	0010	024024	02

PERMIT NUMBER: 175811 — 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.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (12-91)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM:
- [ ] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [ ] 4 AMENDED PERMIT
- [ ] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY TANK CLOSURE
- [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 Now
- [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
- [ ] 99 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
- [ ] 3 EPOXY LINING
- [X] 95 UNKNOWN
- [ ] 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 - 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
- [ ] 6 TANK TESTING
- [ ] 2 INVENTORY RECONCILIATION
- [ ] 7 INTERSTITIAL MONITORING
- [ ] 3 VADOZE MONITORING
- [X] 91 NONE
- [ ] 4 AUTOMATIC TANK GAUGING
- [ ] 95 UNKNOWN
- [ ] 5 GROUND WATER MONITORING
- [ ] 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	0010	020020	011

PERMIT NUMBER: 175811 — PERMIT APPROVED BY/DATE: 8/28/96 — 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.

FOR0034 B-R5

002239

FILE: 017550-094024 L.A. COUNTY DEPARTMENT OF PUBLIC WORKS RUN DATE: 10/30/[illegible]
ID: W1017550 FEE RECEIPT FOR RUN TIME: 16:49:[illegible]
NEW PERMIT RPT: WRCR2E

RECEIVED FROM: JERVIS B WEBB COMPANY
ADDRESS: 9011 TARO AVE
SOUTH GATE, CA 90280

AMOUNT PAID: $473.00 PAYMENT TYPE: OVER THE COUNTER CHECKS
DATE PAID: 10/30/96 DEPOSIT DATE: 10/30/96
REF #: 9610028777 PAYER/COMMENTS: JERVIS B WEBB CO/CK #10372601
RCPT #: 96000010447 AREA: CITY OF SOUTH GATE

RECEIVED BY: JOHN O AUJUD

FILE: [illegible] L.A. COUNTY DEPARTMENT OF PUBLIC WORKS RUN DATE: [illegible]
REQ: [illegible] FEE REGISTER FOR RUN TIME: [illegible]
CLOSURE BY REMOVAL REPT: [illegible]

RECEIVED FROM: JERVIS B WOOD COMPANY
ADDRESS: [illegible] RAYO AVE
[illegible] DATE: [illegible]

[illegible] PAID: [illegible]
DATE PAID: [illegible] PAYMENT PAID OVER THE COUNTER CHECKS
REF #: [illegible] DEPOSIT DATE: [illegible]
REF #: [illegible] PAYOR/ORIGINATOR: J B WOOD OR [illegible]
AREA: CITY OF SOUTH GATE

[illegible]
[illegible] TO THE ATTACHED RECEIPTS

[illegible] TANK DATA BANK TANK [illegible] TANK DATA
[illegible] CREDIT NO DATES
[illegible] 1 [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 (Chapter 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 violations 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.: 114-00 746

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. [illegible]

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.

Signature of Owner or Contractor ONLY — Date [illegible]

PLEASE PRINT AND WRITE LEGIBLY

APPLICANT - FILL IN SHADED AREA ONLY

BUILDING ADDRESS: 1301 [illegible]

LGND: [illegible]

LOT: [illegible]

SHAPE OF LOT: —

USE OF EXISTING BLDG.: [illegible]

OWNER: [illegible] BUILD CO.

ADDRESS: [illegible] ZIP CODE: [illegible]

CITY: [illegible] TELEPHONE Area 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: [illegible] SQ. FT. | NO. ROOMS | NO. STORIES

EXT. WALL COVERING | INT. WALL COVERING | ROOF COVERING

PROPOSED WORK TO BE DONE: EXCAVATION — [illegible]

VALUATION $ 5000.

BUILDING ADDRESS: 1301 [illegible]

NEAREST CROSS STREET: [illegible]

MAP NO.	GROUP	TYPE	FIRE ZONE
12	1		

STATISTICAL CLASSIFICATION: CLASS NO. [illegible] CHANGE NO. OF UNITS [illegible]

MD: LE

MAP BOOK: 112

PAGE: 2

PARCEL: 15

ST. CODE:

ZONE: M-2

SPECIAL CONDITIONS:

PLANNING DEPT. APPROVAL — DATE

ENGINEERING DEPT. APPROVAL — DATE

LICENSE APPROVAL — DATE

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.

PLC FEE $ — | PERMIT FEE $ 115 + $10.00 = 125

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

002243

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		

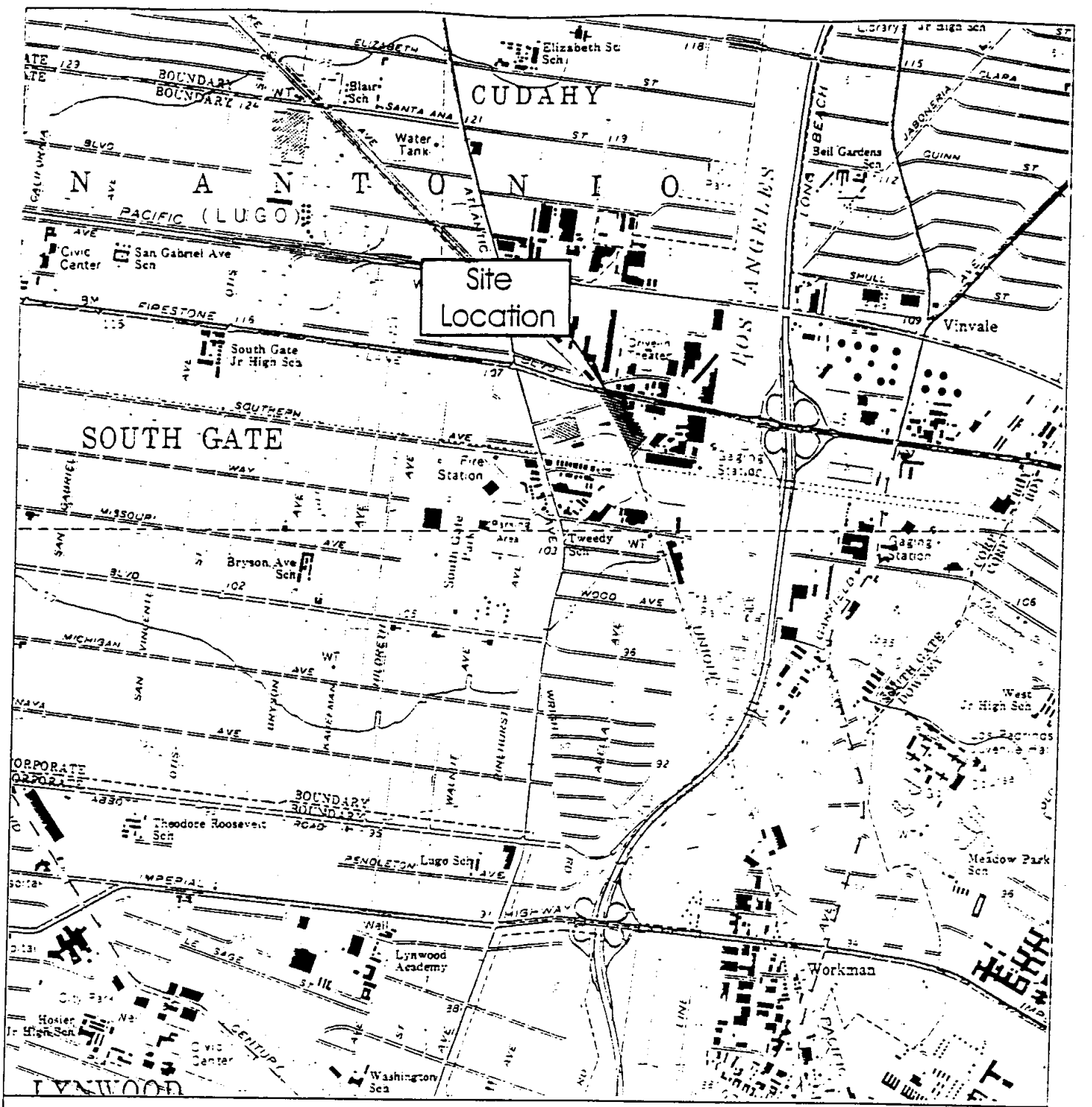
DO NOT COVER WORK UNTIL ABOVE HAS BEEN SIGNED

Interior Lathing		
Exterior Lathing		
Plaster Scratch Coat		
Plaster Brown Coat		
Plaster Finish Coat		
Electrical Fixtures		
~~Final~~ Final 88/0	11/20/96	
Final Heating & Ventilating		
Plumbing Fixtures		
House Numbers		
Fire Dept. Final		
Parking & Planning Final		
Public Works Final		
Police Dept. Final		
Building Final Comments:		

Excavating to remove contaminated soil - [illegible] w/c in soil 11-4-96

002244

Attachment B - Figures



N

0 2,000 4,000

(Approximate Scale in Feet)

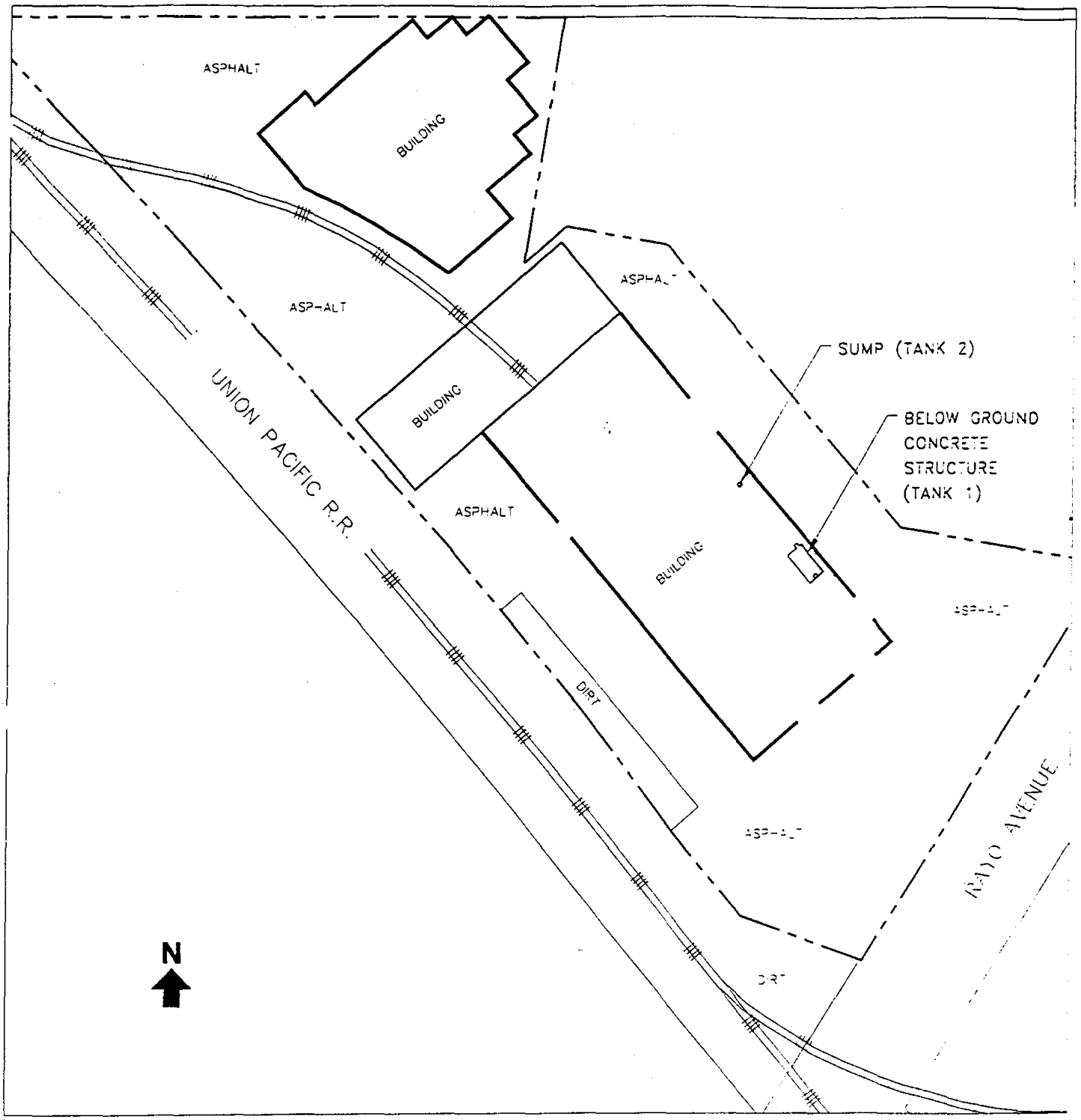
Erler & Kalinowski, Inc.

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
EKI 961025.01

Figure 1



0 100 200
(Approximate Scale in Feet)

Erler & Kalinowski, Inc.

Location of Underground Structures – Tanks 1 and 2

LEGEND

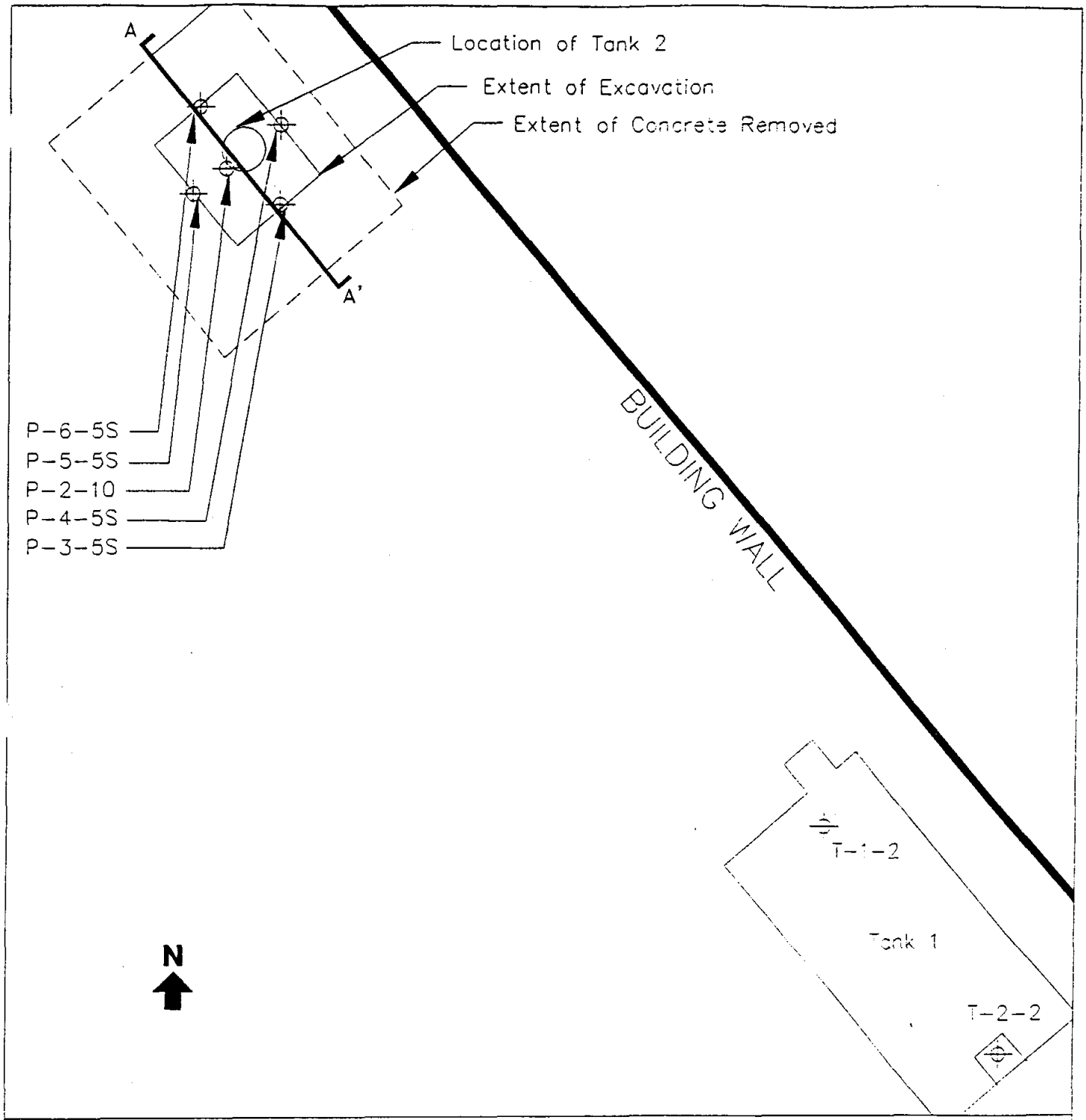
PROPERTY LINE/BOUNDARY

BUILDING

RAILROAD SPUR

J.B. Reed Dr.
South Date: 04
November 1996
EK 961025.01

Figure 2



0 10 20

(Approximate Scale in Feet)

LEGEND

BUILDING

P-1-10 LOCATION OF SOIL SAMPLE

A A' CROSS SECTION A-A' (see Figure 4)

Notes:

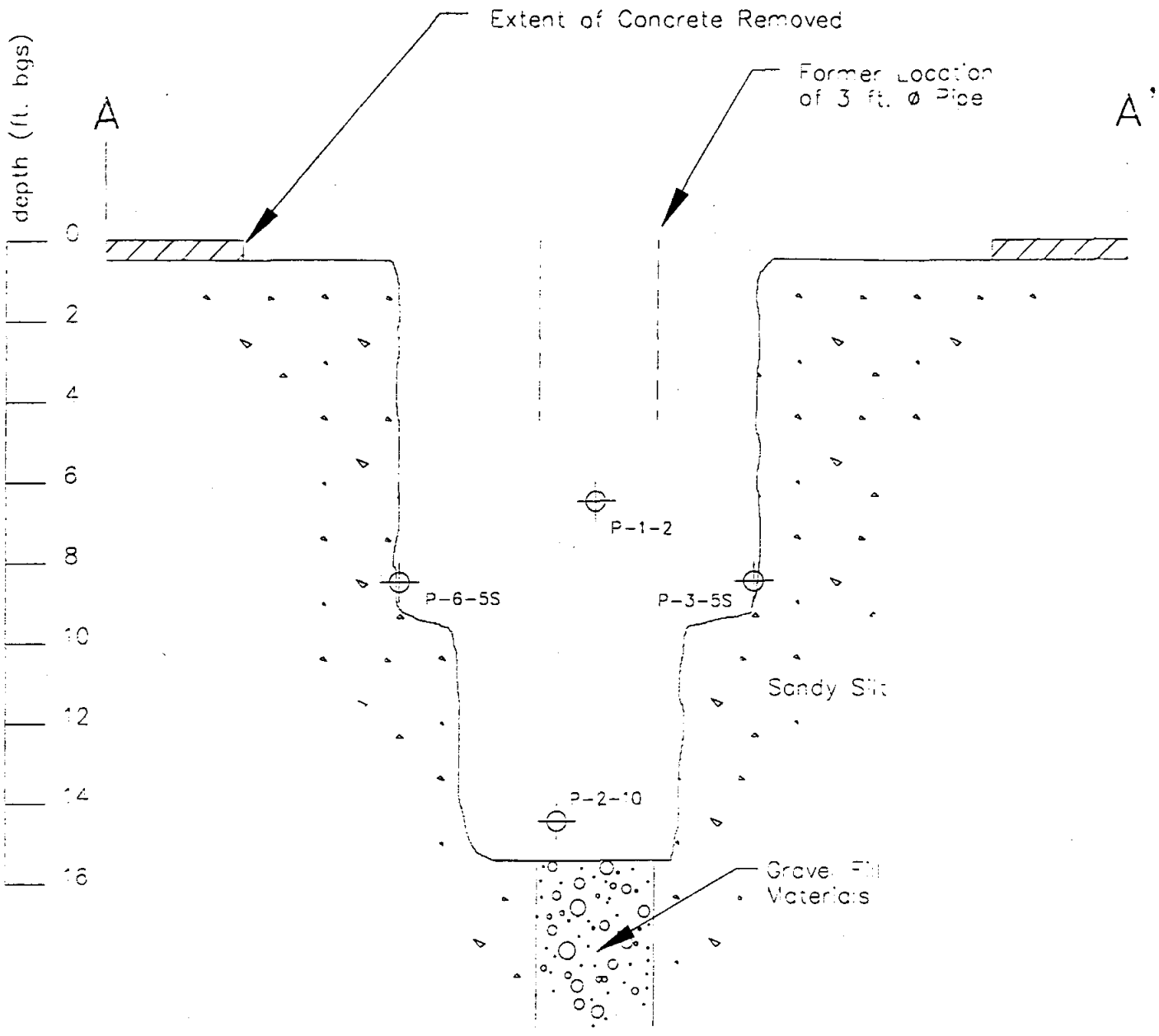
1. All locations are approximate.

Erler & Kalinowski, Inc.

Location of Soil Samples – Tanks 1 and 2

J.B. Webb Co.
South Gate, CA
November 1996
EKI 961025.01

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

U.S. Reed Co.
South Gate, CA
November 1996
EKI 961025.01

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
Trichloroflucromethane	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)

6292131

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]

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

781 East Washington Blvd., Los Angeles, CA 90021
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

781 East Washington Blvd., Los Angeles, CA 90021

213 745-5312 FAX 213 745-6372

=========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

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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

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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

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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 6212 1312 01

CLIENT NAME: CRIER & 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)
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

AIRBILL NO: NA
COOLER TEMP: 5°C
PRESERVED: NA
QC REPORT LEVEL: Standard
REMARKS: Due Tuesday

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	8015 Modified HC's	8260	CAM Metals						
	10/18/96	0830	P-1-2		X			2 N	1	B	X	X	X						

SAMPLE CONDITION/COMMENTS: 2 day TAT

Relinquished By (Signature and Printed Name): ROB C. HESSE
Received By (Signature and Printed Name): [illegible]
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
By: Date:

SPECIAL INSTRUCTIONS: Relay 8015M analysis results w/ carbon chain distribution

DISTRIBUTION: WHITE - YELLOW - PINK TO LAB GOLD - TO CLIENT

002261

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

11/13/96

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	Frecn	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	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
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	2.3	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

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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

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
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
1,2,4-Trichlorobenzene	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====
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	83	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	83	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

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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	[illegible]	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
trans-1,2-Dichloroethene	EPA 8260	[illegible]	ug/kg	10 ug/kg
1,1-Dichloroethane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
2,2-Dichloropropane	EPA 8260	[illegible]	ug/kg	4.0 ug/kg
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

ND = None Detected; MDL = Method Detection Limit

[illegible]

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=========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	4.0 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	80 ug/kg
		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)

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=========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
Received: 11/08/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/08/96, 1310
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	2.6	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)

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=========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	15	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

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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
Received: 11/08/96
Type: Soil

Collector: ****
Sampling Date & Time: **/**/**, ****
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	4.0 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	10 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

POSITIVE LAB SERVICE

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CHAIN OF CUSTODY AND ANALYSIS REQUEST

LOG BOOK NO. 9684 DATE: 11/8/96 PAGE 1 OF 1
FILE NO. 72273 LAB NO. 631316801

CLIENT NAME: ERION & 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, 8015H, 8260, 17 CAM METALS

AIRBILL NO: N/A
COOLER TEMP: ~4/2°
PRESERVED: NR
QC REPORT LEVEL: Standard

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	418.1	8015H	8260	17 CAM METALS					
	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	44				
		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					

REMARKS: 11/11/96 Steve Mille added 1 8015 HC Rang to P-2-10, 631316 Due Mon. 11/18. Cay

SAMPLE CONDITION/ COMMENTS: 8015-HC Range due Monday

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:

SPECIAL INSTRUCTIONS: TAT BY 11/13/96; REPORT ON EWQCB LAB FORM 10A

SAMPLE DISPOSITION:
1. Samples returned to client? YES (NO)
2. Samples will not be stored over 10 days unless additional storage time is requested
3. Storage time requested days
By Date

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

002275

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

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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	13	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]

POSITIVE LAB SERVICE

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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)

6325121621

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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 #: 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	13	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	17	mg/kg	0.5 mg/kg

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

6325121625

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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)

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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 #: 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]

6325121643

POSITIVE LAB SERVICE

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

11/27/96

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]

63251548

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 6325 1548 0

CLIENT NAME: FUGRO & 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)

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: 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
	11/19/96	11:30	DS-3	X				N	3	V	X

SAMPLE CONDITION/ COMMENTS: RESULTS WITH SAMPLES OF 11/

Relinquished By (Signature and Printed Name): ROB C. HESSE
Received By (Signature and Printed Name): Mike Wellesh Date 11/19/96 Time 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

002285

B

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 1 7 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.

C

Erler & Kalinowski, Inc.
Consulting Engineers and Scientists
Santa Monica Business Park
2951 28th Street, Suite 100
Santa Monica, California 90405
(310) 314-8888
Fax (310) 314-[illegible]

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.

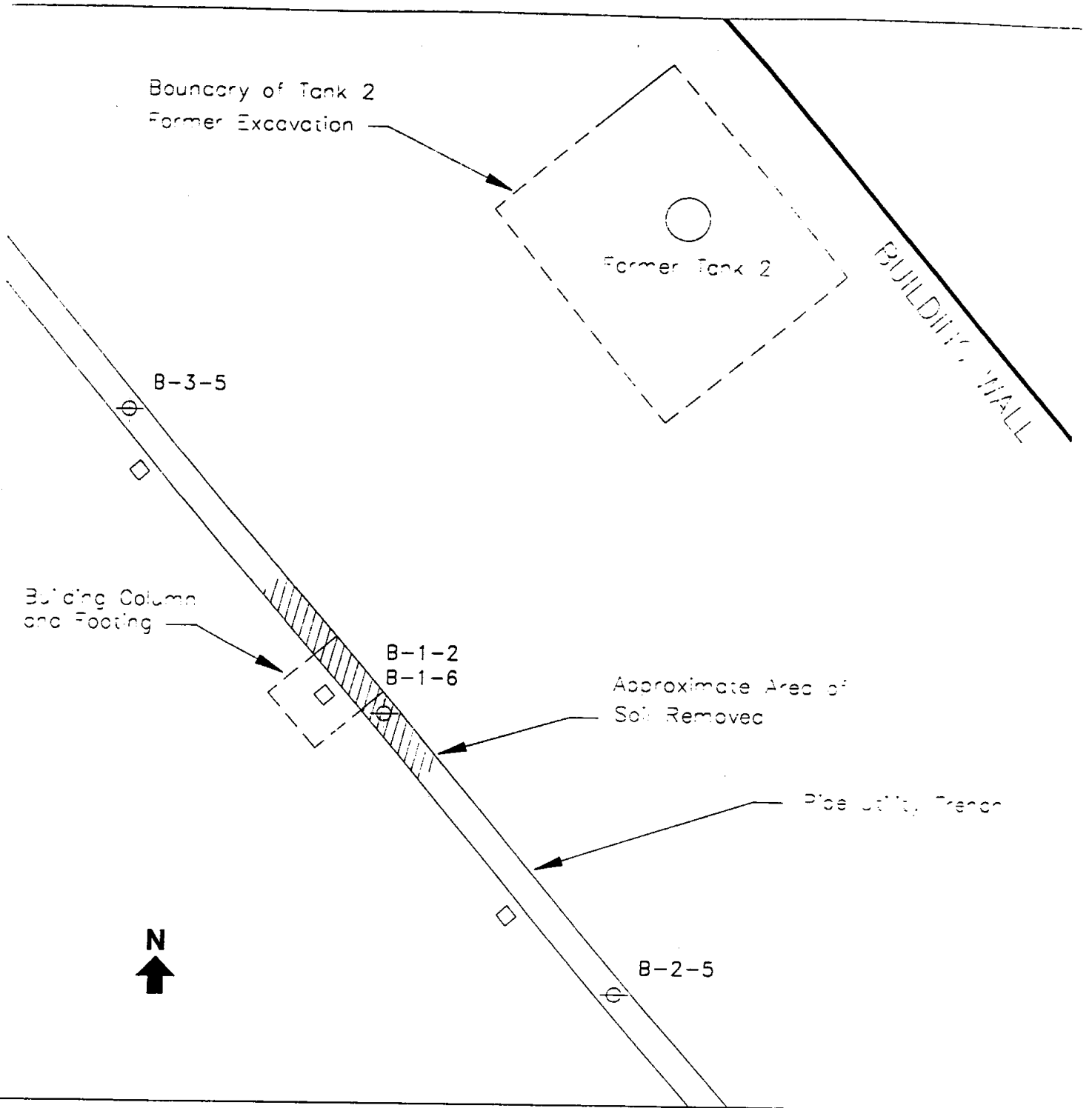
Please call if you have any questions.

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. Recycling
South Gate, CA
December 1996
EKI 96-025.01

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]

63401113

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=========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]

63401113

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=========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]

63401113

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
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=========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]

63401113

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

Sample #: 6340111319
Received: 12/05/96
Type: Soil

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

63401113

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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]

63401113

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

12/10/96

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]

63381713

POSITIVE
LAB SERVICE

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

=========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]

63381713

POSITIVE
LAB SERVICE

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(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

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Los Angeles, CA 90021
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CHAIN OF CUSTODY AND ANALYSIS REQUEST

LOG BOOK NO. 9844 DATE 11/18/96 PAGE 1 OF 1
FILE NO 72373 LAB NO 6325 121601

CLIENT NAME: ERIER & KALINOWSKI, INC.

PROJECT NAME: WEBB PROJECT NO. 961025.01 P.O. NO.

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

PROJECT MANAGER: STEVE MILLER PHONE NO: 310 314 8865 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:

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	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					
		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 Santiestebar	11/18/96	16:15

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:

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

002308

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

Attachment B - Laboratory Reports for Samples B-1-6, B-2-5, and B-3-5

POSITIVE LAB SERVICE

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

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

12/11/96

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]

63411141

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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]

POSITIVE LAB SERVICE

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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]

63411141

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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]

63411141

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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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CHAIN OF CUSTODY AND ANALYSIS REQUEST

LOG BOOK NO. 999 DATE 12/6/96 PAGE 1 OF 1
FILE NO 72373 LAB NO 6341114101

CLIENT NAME: ERLER & KALINOWSKI, 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: 0240

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	0240							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)	Received By (Signature and Printed Name)	Date	Time
ROB HESSE	[illegible]	12/6/96	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

002318

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	6319184101				
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
Batch # : 63198015-1
Lab Sample I.D. : 6319184101

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	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 OI

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 5pt 5/13/96 initial calibrati

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	6319184101					
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	69-118	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

Continuing Calibration 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

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%
		Mean	Stdev	% RSD		Low-End, 52-260ppm				
						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

Continuing Calibration Report GC #9 OI

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

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

I.D.	Std. Ref. #	Conc. Set	CHECK STANDARD		
			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	631316080[illegible]	631316[illegible]	[illegible]		
			T-1-2	T-2-2	P-2-10		
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
Batch # : 63168260-1
Lab Sample I.D. : 6313160815

Analytical Method 8260
Unit: ug/kg

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

ENI 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-trimetnylbenzene	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~~ 3.68	~~88.54~~ 17.8
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	15.09
44)	I	1,4-dichlorobenzene-d	----------ISTD----------						
45)	T	isopropylbenzene	2.272	3.147	2.328	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	0.456	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	2.168	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

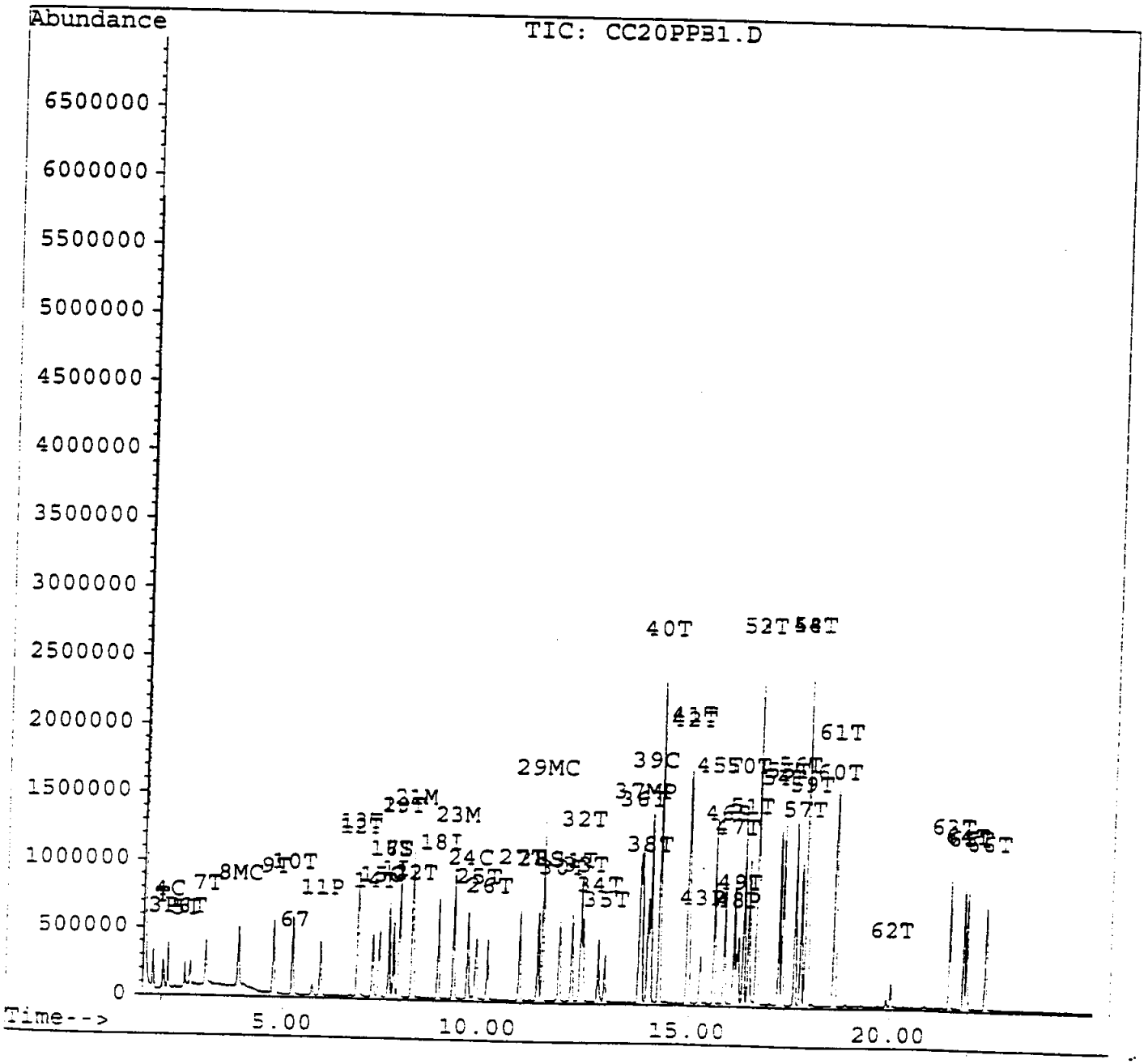
(#) = qualifier out of range (m) = manual integration

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
Acq On : 11 Nov 96 9:45 am
Sample : Daily Cal 20ppb
Misc :

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

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	c-618 ~~1.019~~	0.626	1.25 ~~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
6	I	chlorobenzen d5	1.000	1.000	0.0	103	0.00
7	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
Acq On : 11 Nov 96 9:45 am
Sample : Daily Cal 20ppb
Misc :

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

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
Acq On : 11 Nov 96 8:38 am
Sample : Daily Cal 20ppb
Misc :

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

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	12.18	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	~~1.019~~	0.615	~~39.5#~~	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	438775	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

D

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)