Erler & Kalinowski, Inc.
Consulting Engineers and Scientists
Santa Monica Business Park
2951 28th Street, Suite 1020
Santa Monica, California 90405
(310) 314-2855
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

Attachment to a Letter to Mr. John Awujo
Los Angeles County Department of Public Works
10 December 1996

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: 017580-02
PERMIT: 175811
R/C CODE:
SIC CODE:
STATE ID:
SIC:

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

36-1012 DPW REV. 7/96

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

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

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

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

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

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

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

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

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Have structural repairs ever been made to these tanks?	[ ]	[X]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

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

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, 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.

HARRY W. STONE
Director of Public Works
By John A Woyo 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.

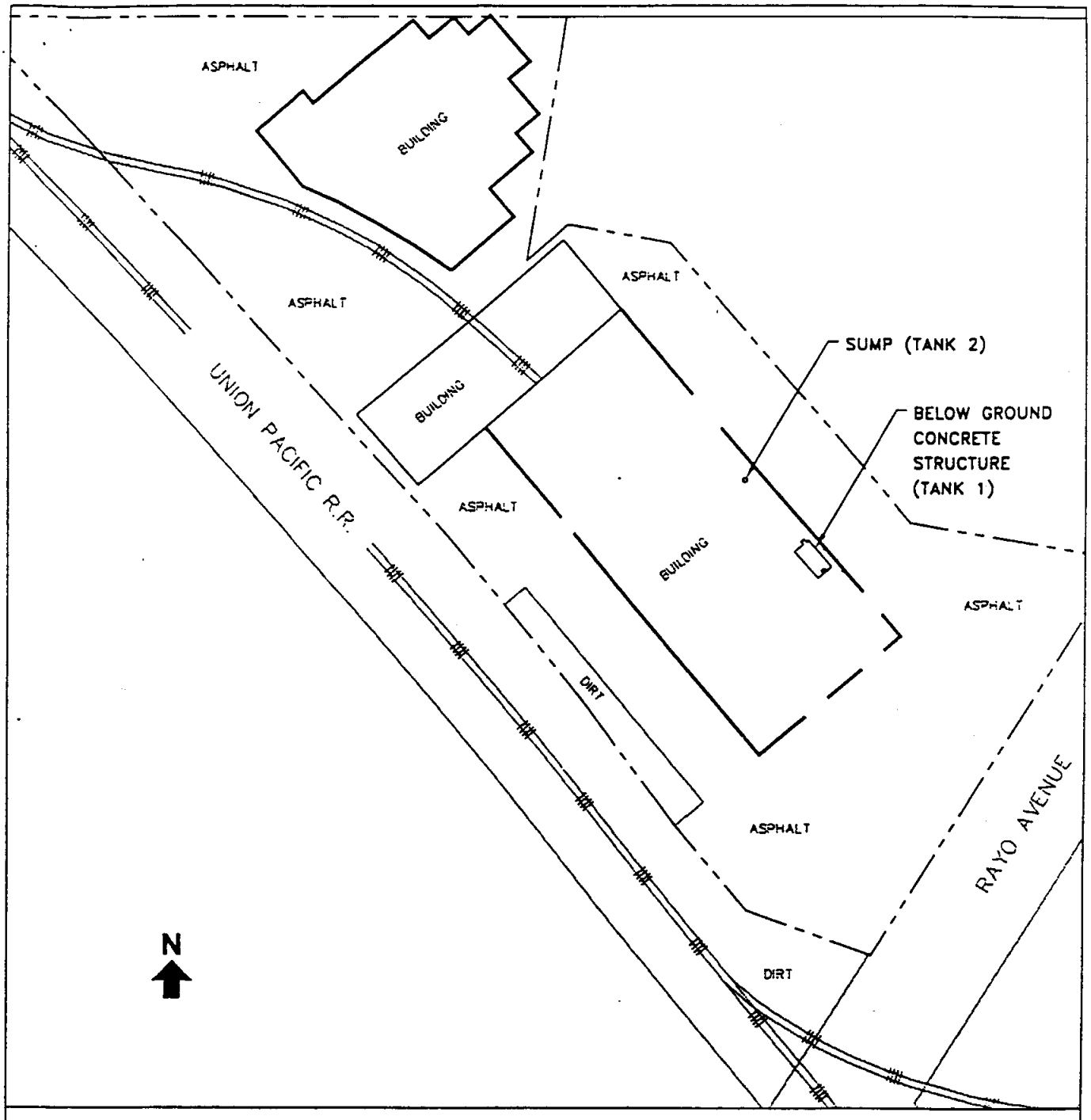
5. The analytical results for all soil samples shall be expressed milligrams per kilogram (mg/kg), or micrograms per kilogram (ug/kg) as appropriate. Practical quantitation limits of 5-10 ug/kg (ppb) for volatile organics and 1 mg/kg (ppm) for the petroleum hydrocarbons must be achieved by the laboratory. 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 or 180 days from the date of this permit, whichever is earlier.



0 100 200
(Approximate Scale in Feet)

LEGEND

PROPERTY LINE/BOUNDARY

BUILDING

RAILROAD SPUR

Erler & Kalinowski, Inc.

Location of Below Ground Concrete Structure

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

Figure 1

CLOSURE -- UNDERGROUND STORAGE TANKS

CONDITIONS A -- GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer - Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3) business day advance notification.

   b. Permanent closure of a tank in place or a temporary closure shall require a 30 day written notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74-81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies include the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.

   b. The personnel shall be sufficiently skilled to safely carry out such operation.

   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.

   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B -- TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A -- Inspection Guide #6, "Abandonment or Removal of Underground Tanks," Part A and any other applicable Parts.

2. [illegible] closure shall not exceed [illegible] days.

CONDITIONS C -- PERMANENT TANK(S) REMOVAL

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

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

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

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

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

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

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

CONDITIONS D -- PERMANENT

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

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

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

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

   c. For multiple tanks, as a minimum, borings shall be placed at 30 foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.

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

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

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

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

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

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

4. A [illegible] submitted to the County Engineer containing

NOTICE TO CLOSURE PERMIT APPLICANTS

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

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

- Notify the SCAQMD Executive Officer by telephone at (310) 403-6000 24 hours prior to tank excavation. 1166(c)(1)(A)
- Monitor the excavated material during the excavation for VOC contamination. 1166(c)(1)(B)
- When VOC contamination is detected:
  - * Cease excavation
  - * Cover the contaminated soil until implementation of approved mitigation measures. 1166(c)(1)(C)
  - * Notify the SCAQMD Executive Officer at (714) 396-2000 within 24 hours of detection of VOC contaminated soil. 1166(c)(2)(A)
- A person shall not engage in or allow any on-site or off-site spreading of VOC contaminated soil which results in uncontrolled evaporation of VOC to the atmosphere. 1166(c)(3)

Exemptions

- Treatment of less than one (1) cubic yard of contaminated soil. 1166(d)(1)(A)
- Decontamination of soil containing organic compounds that have initial boiling point of 302°F or greater, Reid Vapor Pressure less than 80mm Hg or Absolute Vapor Pressure less than 36mm Hg at 20°C. 1166(d)(1)(B),(F)
- Removal of soil for sampling purposes pursuant to EPA methods. 1166(d)(1)(C)
- Accidental spillage of five (5) gallons or less of VOC. 1166(d)(1)(D)
- Documentation of soil which is contaminated through natural seepage of VOC from oil and gas wells or other natural sources. 1166(d)(1)(E)

SPECIFIC QUESTIONS ON RULE 1166 SHOULD BE REFERRED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (909) 396-2000

REVISED 05/17/

UST1/NOTCLOSE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.

2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

3. Description of methods for obtaining, handling, and transporting samples.

4. Time and date samples were obtained.

5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for UST closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.

6. Chain-of-custody documentation initiated by person obtaining sample through person at CAL/EPA Department of Toxic Substance Control certified laboratory.

7. Disposal destination of tanks and evidence of legal disposal.

8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.

9. Documentation as to depth of groundwater at facility.

10. Manifests to document hazardous waste disposal of any removed soil and tank rinseate.

11. Any observations of site contamination.

12. Remedial action plan to mitigate contamination.

13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.

Print Name ELI STANESA ASSOCIATE GENERAL COUNSEL

Signature Eli Stanesa Date 10.17.96

UST1/CRR 05/10/93

ATTENTION CONTRACTOR

NOTIFICATION/PERMIT REQUIREMENTS

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

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Materials Underground Storage Closure Authorization, you are required to complete ALL of the agency notifications indicated below within the time period specified prior to commencement of work on this closure.

[X] 72 HOURS - DEPARTMENT OF PUBLIC WORKS INDUSTRIAL WASTE ENGINEERING INSPECTOR:

>>>Unless otherwise noted DPW inspectors are available at the following offices, Monday through Friday, between 8:00 a.m. and 9:30 a.m. ONLY.<<<

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

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

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

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

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

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

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

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

[ ] City of _____

[X] Los Angeles County Fire Department 213 585 3554

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

(909) 396-2000

[ ] COUNTY SERVES AS BUILDING OFFICIAL, SEE ATTACHED.

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

24 October 1996
EKI 961025.01

RECEIVED
OCT 28 1996
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

TANK CLOSURE PLAN
at 9301 Rayo Avenue
South Gate, California

INTRODUCTION

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

BELOW GROUND CONCRETE STRUCTURE (Tank 1)

Description

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

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

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

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

Proposed Closure Activities

The following tasks are proposed for tank closure.

Tank Cleaning. The steel and other materials currently in the tank will be removed. The walls and floor of the tank will be cleaned by scraping; dry waste materials will be collected and put into a drum(s). If necessary to remove loose material, the inside of the tank will be pressure washed

and wash water collected in a drum(s). Wastes generated during tank cleaning will be profiled and disposed at an appropriate off-site facility.

Soil Sample Collection. Two soil samples, one at each end of the tank, will be collected from approximately one foot below the bottom of the floor of the tank. The actual sampling locations will be determined after inspection of the condition of the concrete floor of the tank. If cracks and/or holes are observed, then the samples will be collected from these areas. The selection of sample locations will be discussed with a Los Angeles County Department of Public Works inspector, if one is on-site at the time of sampling.

The concrete floor will be cored at the sample locations. Soil samples will be collected in brass tubes using a slide-hammer sampling tool. Teflon sheets and plastic end caps will be placed over the ends of each tube. A label with a unique sample identification number will be placed on each sample container. The sample containers will be stored on ice in a cooler for transportation to a laboratory. Chain of custody documentation will accompany the samples.

Laboratory Analyses. Each sample will be analyzed at a State of California certified laboratory for the following:

- total recoverable petroleum hydrocarbons ("TRPH") using EPA Method 418.1
- total extractable petroleum hydrocarbons ("TPH") using Method 8015M
- volatile organic compounds ("VOCs") using EPA Method 8240, and
- 17 CAM Metals (total concentrations)

If the results of soil sampling indicate the need for further investigation or remediation, then additional work will be proposed.

Backfill and Compaction. If the results of soil sampling indicate that further investigation is not warranted, Webb proposes to backfill and compact the tank with an appropriate fill material, and finish the surface with reinforced concrete to match the surrounding floor.

SUMP (Tank 2)

Description

This structure is approximately 3 feet in diameter and covered with a steel manhole-type cover. A 3 feet diameter steel pipe or lining extends approximately 4 feet down from the floor level. The bottom of the structure is open to ground.

On 18 October 1996, a soil sample was collected from a depth of approximately 2 feet into the soil at the bottom of the sump. This sample was analyzed for VOCs using EPA Method 8260,

TPH using EPA Method 8015M with carbon chain distribution, and 17 CAM metals. Analyses were performed by Positive Lab Service.

No VOCs were detected. A total TPH of 291 mg/kg (51 mg/kg having a carbon chain length of C10 to C20 and 240 mg/kg with a carbon chain length of C20 to C30). Total lead, chromium, and arsenic were detected at 1,600 mg/kg, 350 mg/kg, 26 mg/kg, respectively. Other metals were either not detected or at concentrations which appear to be typical of background conditions.

Based on these data it appears that the lead concentration is sufficiently elevated so as to warrant removal of the soil.

Proposed Closure Activities

Excavation. Webb proposes to remove the manhole cover, steel pipe, and surrounding concrete and excavate soil. A utility location survey will be performed before excavation begins. Soil will be excavated to approximately 5 feet below the existing soil surface (to approximately 9 feet below the floor level) in the sump and laterally approximately 2 feet in all directions. We estimate that approximately 10 to 15 cubic yards of soil will be excavated in total. The top 4 feet of excavated soil, which is not expected to contain elevated metals, will be stockpiled separately from the remaining soil.

Sample Collection and Laboratory Analyses. Soil samples will be collected from the bottom and side walls of the excavated area. Soil samples will from a backhoe bucket using brass tubes. Samples will be capped and labeled as described for Tank 1 sampling above. One soil sample will be collected from the bottom of the excavation and analyzed for VOCs using EPA Method 8240 and 17 CAM metals. Four sidewall samples will be analyzed for 17 CAM metals only. Stockpiled soil will be sampled as needed for profiling of the soil for off-site disposal.

If the results of sampling indicate the need for further investigation or remediation, then additional work will be proposed.

Backfill and Compaction. If the results of soil sampling indicate that further investigation is not warranted, Webb proposes to backfill and compact the tank with an appropriate fill material, and finish the surface with reinforced concrete to match the surrounding floor.

CLOSURE REPORT

After completion of field activities and receipt of laboratory results, EKI will prepare a report describing tank closure activities. The report will include recommendations for further investigation, if warranted. If no further investigation is warranted, approval of closure will be requested.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM
- [ ] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [ ] 4 AMENDED PERMIT
- [ ] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY SITE CLOSURE
- [X] 7 PERMANENTLY CLOSED SITE

TANK OUT OF USE SINCE 1987 - CLOSURE REQUESTE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: Jervis B. Webb Company of California		NAME OF OPERATOR: none - site unoccupied	
ADDRESS: 9301 Rayo Avenue		NEAREST CROSS STREET: Firestone Blvd.	PARCEL # (OPTIONAL)
CITY NAME: South Gate	STATE: CA	ZIP CODE: 90280	SITE PHONE # WITH AREA CODE: none

✓ BOX TO INDICATE: [X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL-AGENCY DISTRICTS* [ ] COUNTY-AGENCY* [ ] STATE-AGENCY* [ ] FEDERAL-AGENCY*

* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST _____

TYPE OF BUSINESS: [ ] 1 GAS STATION [ ] 2 DISTRIBUTOR [ ] 3 FARM [ ] 4 PROCESSOR [X] 5 OTHER	[ ] ✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE: 2	E. P. A. I. D. # (optional)

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): Eli Stanesa	PHONE # WITH AREA CODE: (810) 553-1000	DAYS: NAME (LAST, FIRST): none	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST): none	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST): none	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: Jervis B. Webb Company of California		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS: 34375 West 12 Mile Road ~~9301 Rayo Avenue~~		✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL-AGENCY [ ] STATE-AGENCY [X] CORPORATION [ ] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY	
CITY NAME: Farmington Hills	STATE: Mich	ZIP CODE: 48331	PHONE # WITH AREA CODE: (810) 553-1000

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: Jervis B. Webb Company of California		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS: 34375 West 12 Mile Road		✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL-AGENCY [ ] STATE-AGENCY [X] CORPORATION [ ] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY	
CITY NAME: Farmington Hills	STATE: Mich	ZIP CODE: 48331	PHONE # WITH AREA CODE: (810) 553-1000

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44- [ ] [ ] . [ ] [ ] [ ]

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED.

✓ box to indicate
- [ ] 1 SELF-INSURED
- [ ] 2 GUARANTEE
- [ ] 3 INSURANCE
- [ ] 4 SURETY BOND
- [ ] 5 LETTER OF CREDIT
- [ ] 6 EXEMPTION
- [ ] 99 OTHER _____

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. [ ] II. [ ] III. [X]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED): Eli Stanesa	OWNER'S TITLE: Associate General Counsel	DATE MONTH/DAY/YEAR: 10-17-96

LOCAL AGENCY USE ONLY

COUNTY #: 19	JURISDICTION #: 000	FACILITY #: 024024
LOCATION CODE - OPTIONAL: 24	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

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

FORM A (3/93)

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

OBA OR FACILITY NAME WHERE TANK IS INSTALLED: Jerry P. Luce & 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 Open 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

APPLICANT'S 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	006	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
- [ ] 2 INVENTORY RECONCILIATION
- [ ] 3 VADOZE MONITORING
- [ ] 4 AUTOMATIC TANK GAUGING
- [ ] 5 GROUND WATER MONITORING
- [ ] 6 TANK TESTING
- [ ] 7 INTERSTITIAL MONITORING
- [X] 91 NONE
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) 1987
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 0 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES [ ] NO [X]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Eli 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	000	024024	01

PERMIT NUMBER 175811 — PERMIT APPROVED BY/DATE 10/28/96 — PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034 B-R5

FILE: 017550-024024 L.A. COUNTY DEPARTMENT OF PUBLIC WORKS RUN DATE: 10.30.7[illegible]
REF. [illegible] FEE REFUND FOR RUN TIME: 16:49:3[illegible]
NEW PERMIT RPT: PW0225

REFUNDED TO: JERVIS B WEBB COMPANY
ADDRESS: 7010 [illegible] AVE
SOUTH GATE, CA 90280

AMOUNT PAID: $453.00 PAYMENT TYPE: OVER TAX COUNTER CHECKS
DATE PAID: 10/30/96 REFUND DATE: 10/30/96
REF #: 961029777 VENDOR/ACCOUNTS: JERVIS B WEBB CO/CA #[illegible]
RCPT #: 960000104[illegible] AREA: CITY OF SOUTH GATE

RECEIVED BY: JOHN G AWUJO

FILE: [illegible] L.A. COUNTY DEPARTMENT OF PUBLIC WORKS RUN DATE [illegible]
REC [illegible] FEE RECEIPT FOR RUN TIME [illegible]
CLOSURE BY REMOVAL PAGE [illegible]

[illegible] JERVIS B WEBB COMPANY
[illegible] RAYO AVE
SOUTH GATE, CA [illegible]

[illegible] DATE [illegible]
DATE [illegible] 10/30/79 DETECT DATE: 10/30/79
REF # [illegible] PAYOR/[illegible] J B WEBB DR [illegible]
PERF # [illegible] AREA: CITY OF SOUTH GATE

[illegible] SUBJECT TO THE ATTACHED REQUIREMENTS

TANK	TANK CONTENTS	GASOL TANK	TANK CAPACITY
[illegible]	[illegible] AND WATER	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible] JERVIS B WEBB

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 (Ch. 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' 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.: 144-00 746

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. 3907, 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 C-12 License No. 172255

Date [illegible] Contractor [illegible]

IMPORTANT

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on this application. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of South Gate, its officers, agents and employees in accordance with the provisions of Title 9, Chapter 9.04, of the City of South Gate Municipal Code.

I agree not to occupy or allow occupancy of any building authorized by this permit until FINAL INSPECTION approval has been received.

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of the City to enter upon the above-mentioned property for inspection purposes.

[illegible] 1/6/96

Signature of Owner or Contractor ONLY Date

PLEASE PRINT AND WRITE LEGIBLY

APPLICANT - FILL IN SHADED AREA ONLY

BLDNG ADRESS 9301 Long

LGND. Poy of Lynwood

TRCT Full Tract

SU OF LOT —

USE OF EXISTING BLDG. Industrial

OWNER [illegible] Vinis Building Co.

ADRESS 3437 W 12th St ZIP CODE 90733

CITY Torrance TELEPHONE Area Code ( )

CONTRACTOR [illegible]

ADRESS [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 ☒ GRADING ☐ OTHER

SIZE 6' x 7' SQ. FT. NO. ROOMS NO. STORIES

EX. WALL COVERING INT. WALL COVERING ROOF COVERING

PROPOSED WORK TO BE DONE

Excavation — [illegible]

VALUATION $ 5000.7

BUILDING ADDRESS 9301 Long

NEAREST CROSS STREET Tweedy

MAP NO	GROUP	TYPE	FIRE ZONE
12	I		

PD 16

MAP BOOK 122

PAGE —

PARCEL 15

ST. CODE

STATISTICAL CLASSIFICATION: CLASS NO [illegible] CHANGE NO OF UNITS + 0 1

ZONE M2

SPECIAL CONDITIONS

PLANNING DEPT APPROVAL DATE

ENGINEERING DEPT APPROVAL DATE

LICENSE APPROVAL DATE [illegible]

READ CONDITIONS BELOW

This application is a Building Permit when properly filled out, signed, and machine validated for the correct permit fee in the validation space below. Permission is therefore granted to do such work as indicated in this application, in accordance with, and subject to, all of the provisions of the Building Code, Title 9, Chapter 9.04, City of South Gate.

This permit becomes null and void if work is not commenced within 120 days from the date of issuance or if work is suspended at any time during construction for more than 120 days, or if any work is done on the said building or structure in violation of the city ordinance or state law relating thereto.

PC FEE $ —		PMT FEE $ 1175 + ~~$10.00~~ 15 = 1190.75

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

003501

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 Environtal 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		

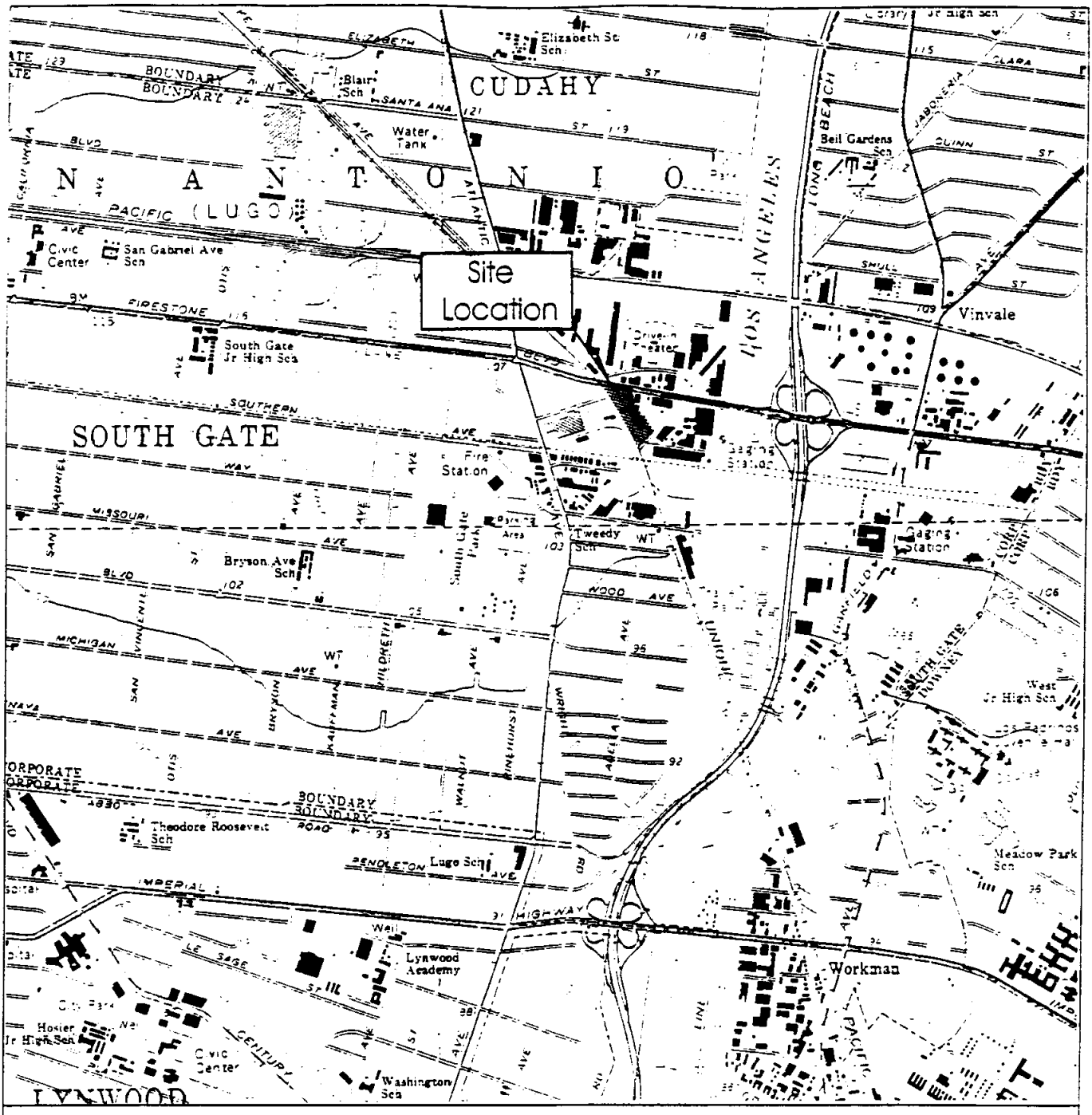
DO NOT COVER WORK UNTIL ABOVE HAS BEEN SIGNED

Interior Lathing		
Exterior Lathing		
Plaster Scratch Coat		
Plaster Brown Coat		
Plaster Finish Coat		
Electrical Fixtures		
~~Contact~~ Permit 00/0	11/20/96	
Final Heating & Ventilating		
Plumbing Fixtures		
House Numbers		
Fire Dept. Final		
Parking & Planning Final		
Public Works Final		
Police Dept. Final		
Building Final Compaction		

Excavating to remove contaminated soil. #61
Refill w/clean soil. 11-21-96

003502

Attachment B - Figures



N

0 2,000 4,000

(Approximate Scale in Feet)

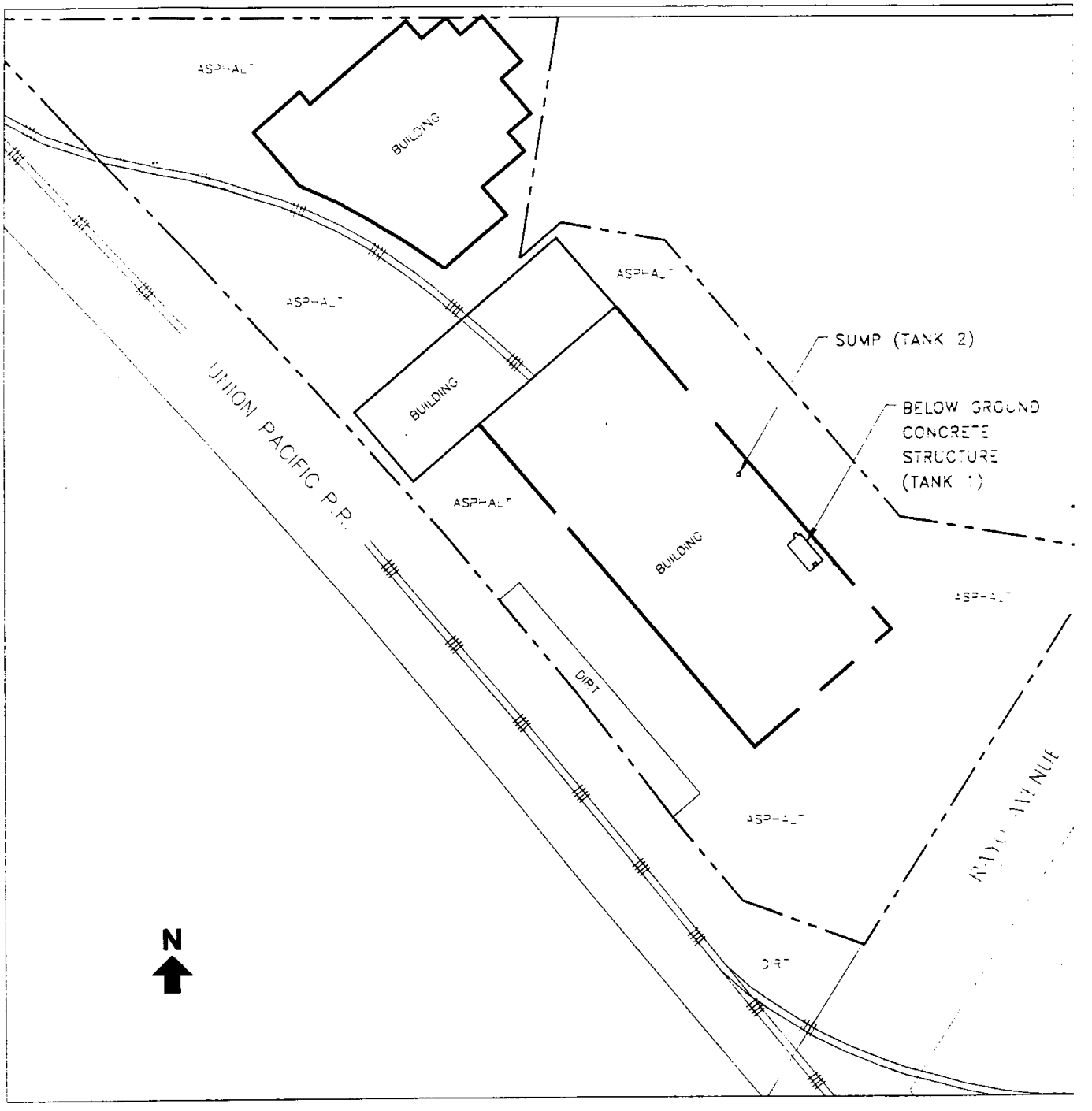
Erler & Kalinowski, Inc.

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)

LEGEND

PROPERTY LINE/BOUNDARY

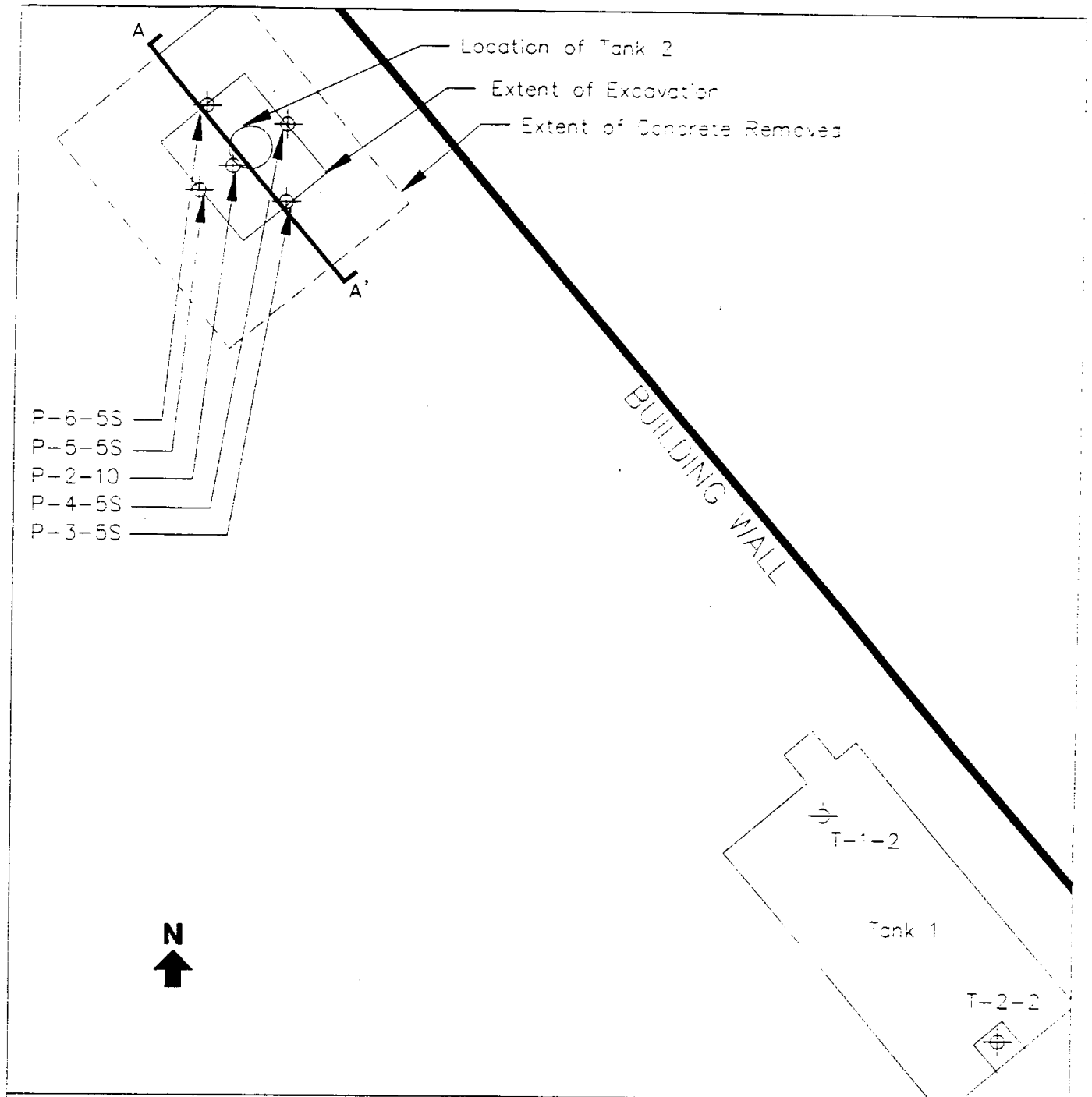
BUILDING

RAILROAD SPUR

Erler & Kalinowski, Inc.

Location of Underground Structures – Tanks 1 and 2

Figure 2



0 10 20

(Approximate Scale in Feet)

LEGEND

BUILDING

P-1-10 LOCATION OF SOIL SAMPLE

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

Notes:

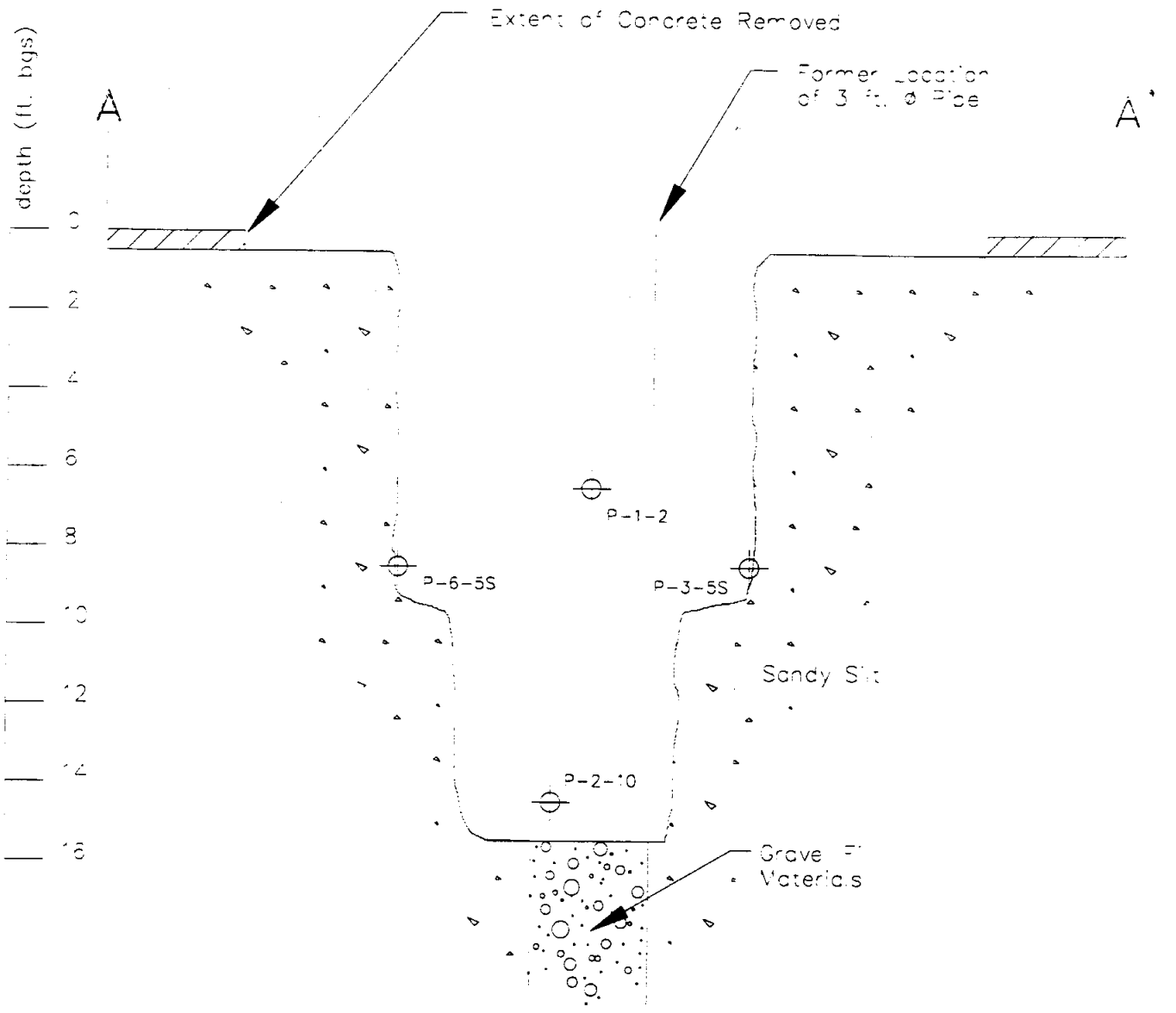
1. All locations are approximate.

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. Naval Base
South Dakota
November 1996
EKI 96102E.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. 10/23/96
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: WEBB
Project Number 961025.01

Sample #: 6292131201
Received: 10/18/96
Type: Soil

Collector: Client
Sampling Date & Time: 10/18/96, 0830
Method: Submitted By Client

I.D.: P-1-2

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	10/21/96		
Analysis Date		10/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	0.14	mg/kg	0.1 mg/kg
		Not gas pattern		
Extraction Method/Date	EPA 3550	10/21/96		
Analysis Date		10/21/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	51	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	240	mg/kg	100 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	80	Percent	
Extraction Method/Date	EPA 5030	10/21/96		
Analysis Date		10/21/96		
EPA 8260		*		
Chloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8260	ND	ug/kg	10 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg

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

62921312

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 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
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=========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 Collector: ****
Received: 10/18/96 Sampling Date & Time: **/**/**, ****
Type: Soil 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] 62921312

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]

62921312

POSITIVE LAB SERVICE

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

=========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]

POSITIVE LAB SERVICE

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

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 October 23, 1996
SPIKES & DUPLICATE SPIKES

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 723/73 LAB NO 6212 1312 01

CLIENT NAME: ERLER & KALINOWSKI, INC.

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

ADDRESS: 9301 RAYO AVENUE, SOUTH GATE, CA

PROJECT MANAGER: STEVE MILLER PHONE NO: FAX NO:

SAMPLER NAME: ROB C. HESSE (Printed) (Signature)

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: 8015 modified HC Range; 8260; CAM Metals

AIRBILL NO: NA
COOLER TEMP: 3°C
PRESERVED: NA
QC REPORT LEVEL: Standard

REMARKS: Due Tuesday

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	8015 modified HC Range	8260	CAM Metals						SAMPLE CONDITION/ COMMENTS:
	10/18/96	0830	P-1-2		X			~~N~~ 2	1	B	X	X	X						2 day TAT

Relinquished By (Signature and Printed Name): ROB C. HESSE Received By (Signature and Printed Name): 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

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

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

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

003519

POSITIVE LAB SERVICE

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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	Freon	11/12/96		
Analysis Date		11/12/96		
TRPH	EPA 418.1	ND	mg/kg	5.0 mg/kg
Extraction Method/Date	EPA 5030	11/11/96		
Analysis Date		11/11/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/11/96		
Analysis Date		11/11/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	ND	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	ND	mg/kg	100 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	110	Percent	
Extraction Method/Date	EPA 5030	11/11/96		
Analysis Date		11/11/96		
EPA 8260		*		
Chloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg

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

POSITIVE LAB SERVICE

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Methylene Chloride	EPA 8260	ND	ug/kg	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	2.8	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	9.5	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	1.8	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	31	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	56	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

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

POSITIVE LAB SERVICE

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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]

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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]

POSITIVE LAB SERVICE

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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	88	Percent	
Toluene D8	EPA 8260	101	Percent	
4-Bromofluorobenzene	EPA 8260	102	Percent	
Digestion Method/Date	EPA 3050	11/11/96		
Digestion Method/Date	EPA 7471	11/12/96		
Analysis Date	EPA 6010	11/11/96		
Analysis Date	EPA 7471	11/12/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	2.2	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	88	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	11	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	8.1	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	12	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	2.3	mg/kg	0.5 mg/kg
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	13	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	1.2	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	31	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	50	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg

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

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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	ND	ug/kg	4.0 ug/kg
Vinyl Chloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichlorofluoromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8260	ND	ug/kg	10 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
2,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroform	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
trans-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromoethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Tetrachloroethene (PCE)	EPA 8260	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg

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

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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	80 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Surrogate		*		
Dibromofluoromethane	EPA 8260	90	Percent	
Toluene D8	EPA 8260	100	Percent	
4-Bromofluorobenzene	EPA 8260	101	Percent	
Digestion Method/Date	EPA 3050	11/11/96		
Digestion Method/Date	EPA 7471	11/12/96		
Analysis Date	EPA 6010	11/11/96		
Analysis Date	EPA 7471	11/12/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg

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

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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 Collector: Client
Received: 11/08/96 Sampling Date & Time: 11/08/96, 1315
Type: Soil 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	18	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 Collector: Client
Received: 11/08/96 Sampling Date & Time: 11/08/96, 1320
Type: Soil 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 Collector: Client
Received: 11/08/96 Sampling Date & Time: 11/08/96, 1325
Type: Soil 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] 63131608

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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	10 ug/kg
trans-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,2-Dichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
2,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Chloroform	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
cis-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Trichloroethene	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromomethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
trans-1,3-Dichloropropene	EPA 8260	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,2-Trichloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,3-Dichloropropane	EPA 8260	ND	ug/kg	4.0 ug/kg
Dibromochloromethane	EPA 8260	ND	ug/kg	4.0 ug/kg
1,2-Dibromoethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Tetrachloroethene (PCE)	EPA 8260	ND	ug/kg	4.0 ug/kg
Chlorobenzene	EPA 8260	ND	ug/kg	4.0 ug/kg
1,1,1,2-Tetrachloroethane	EPA 8260	ND	ug/kg	4.0 ug/kg
Ethyl Benzene	EPA 8260	ND	ug/kg	4.0 ug/kg
Para and Meta Xylenes	EPA 8260	ND	ug/kg	4.0 ug/kg
Bromoform	EPA 8260	ND	ug/kg	4.0 ug/kg
Styrene	EPA 8260	ND	ug/kg	4.0 ug/kg

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

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CONSTITUENT	METHOD	RESULT	UNIT	MDL
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 Superviso

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

63131608

POSITIVE LAB SERVICE

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Los Angeles, CA 90021
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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. 6311608-01

CLIENT NAME: ERLON & KAZINOWSKI, INC.

PROJECT NAME: WEBB PROJECT NO. 96102501 P.O. NO.

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

PROJECT MANAGER: STEVE MILLER PHONE NO: FAX NO:

SAMPLER NAME: ROB HESSE (Printed) (Signature)

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

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

ANALYSES REQUESTED: 418.1, 8015M, 8260, 17 CAM Metals

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

REMARKS: 11/19/96 Steve Miller added 1 8015 HC Range to P-2-10, 63-316-0323 Due Mon. 11/18. Cay

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	418.1	8015M	8260	17 CAM Metals					SAMPLE CONDITION/ COMMENTS
	11/8/96	12:35	T-1-2		X			11/13	1	B	X	X	X	X	11				
		12:40	T-2-2		X			11/13	1	B	X	X	X	X	22				
		13:00	P-2-10		X			11/13	1	B			X	X	11				8015-HC Range due Monday
		13:10	P-3-55		X			11/13	1	B				X					
		13:15	P-4-55		X			11/13	1	B				X					
		13:20	P-5-55		X			11/13	1	B				X					
		13:25	P-6-55		X			11/13	1	B				X					

Relinquished By (Signature and Printed Name): ROB HESSE
Received By (Signature and Printed Name): Nicola Balcazar
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 RWQCB 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

003534

Attachment to a Letter to Mr. John Awujo
Los Angeles County Department of Public Works
10 December 1996

Attachment D - - Sample Analysis Results for Waste Disposal

Clarification Note: Sample DS-2 is indicated to be "soil" but it is predominately dry paint scrapings

POSITIVE LAB SERVICE

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 #: 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]

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Lead	EPA 3050/6010	31000	mg/kg	5.0 mg/kg
Molybdenum	EPA 3050/6010	140	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	18	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	0.64	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	7.1	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	1200	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	1.7	mg/kg	1.0 mg/kg
Extraction Method/Date	EPA 5030	11/20/96		
Analysis Date		11/20/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg

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

POSITIVE LAB SERVICE

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

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6325121621
Received: 11/20/96
Type: Water

Collector: Client
Sampling Date & Time: 11/18/96, 1450
Method: Submitted By Client

I.D.: DS-3

=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/l	0.05 mg/l
Extraction Method/Date	EPA 3510	11/22/96		
Analysis Date		11/22/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	7.0	mg/l	1.0 mg/l
C20 - C30	EPA 8015M	37	mg/l	10 mg/l
Surrogate		*		
N-Tetracosane	EPA 8015M	56	Percent	
Digestion Method/Date	EPA 3010	11/20/96		
Digestion Method/Date	EPA 245.1	11/21/96		
Analysis Date	EPA 6010	11/20/96		
Analysis Date	EPA 245.1	11/21/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3010/6010	0.055	mg/l	0.01 mg/l
Arsenic	EPA 3010/6010	0.0056	mg/l	0.005 mg/l
Barium	EPA 3010/6010	0.28	mg/l	0.01 mg/l
Beryllium	EPA 3010/6010	ND	mg/l	0.01 mg/l
Cadmium	EPA 3010/6010	0.014	mg/l	0.01 mg/l
Chromium	EPA 3010/6010	0.37	mg/l	0.01 mg/l
Cobalt	EPA 3010/6010	0.052	mg/l	0.01 mg/l
Copper	EPA 3010/6010	0.41	mg/l	0.01 mg/l
Lead	EPA 3010/6010	1.1	mg/l	0.005 mg/l

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

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Molybdenum	EPA 3010/6010	0.044	mg/l	0.01 mg/l
Nickel	EPA 3010/6010	0.075	mg/l	0.01 mg/l
Selenium	EPA 3010/6010	0.0091	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	0.010	mg/l	0.01 mg/l
Zinc	EPA 3010/6010	3.1	mg/l	0.1 mg/l
Mercury	EPA 245.1/245.1	ND	mg/l	0.001 mg/l

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

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POSITIVE LAB SERVICE

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

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

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6325121625
Received: 11/20/96
Type: Soil

Collector: Client
Sampling Date & Time: 11/18/96, 1500
Method: Submitted By Client

I.D.: SP-1

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Extraction Method/Date	EPA 5030	11/21/96		
Analysis Date		11/21/96		
TPH-Volatiles		*		
C5 - C10	EPA 8015M	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 3550	11/22/96		
Analysis Date		11/22/96		
TPH-Extractables		*		
C10 - C20	EPA 8015M	ND	mg/kg	10 mg/kg
C20 - C30	EPA 8015M	ND	mg/kg	100 mg/kg
Surrogate		*		
N-Tetracosane	EPA 8015M	82	Percent	
Digestion Method/Date	EPA 3050	11/25/96		
Digestion Method/Date	EPA 7471	11/25/96		
Analysis Date	EPA 6010	11/25/96		
Analysis Date	EPA 7471	11/25/96		
TTLC (CCR Title 26 Metals)		*		
Antimony	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Arsenic	EPA 3050/6010	2.4	mg/kg	0.5 mg/kg
Barium	EPA 3050/6010	96	mg/kg	5.0 mg/kg
Beryllium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Cadmium	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Chromium	EPA 3050/6010	17	mg/kg	1.0 mg/kg
Cobalt	EPA 3050/6010	10	mg/kg	1.0 mg/kg
Copper	EPA 3050/6010	18	mg/kg	1.0 mg/kg
Lead	EPA 3050/6010	17	mg/kg	0.5 mg/kg

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

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Molybdenum	EPA 3050/6010	ND	mg/kg	5.0 mg/kg
Nickel	EPA 3050/6010	9.5	mg/kg	1.0 mg/kg
Selenium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Silver	EPA 3050/6010	ND	mg/kg	1.0 mg/kg
Thallium	EPA 3050/6010	ND	mg/kg	0.5 mg/kg
Vanadium	EPA 3050/6010	34	mg/kg	1.0 mg/kg
Zinc	EPA 3050/6010	83	mg/kg	10 mg/kg
Mercury	EPA 7471/7471	ND	mg/kg	0.1 mg/kg
Extraction Method/Date	EPA 5030	11/20/96		
Analysis Date		11/20/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Vinyl Chloride	EPA 8240	ND	ug/kg	8.0 ug/kg
Bromomethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Chloroethane	EPA 8240	ND	ug/kg	8.0 ug/kg
Trichlorofluoromethane	EPA 8240	ND	ug/kg	40 ug/kg
Acetone	EPA 8240	ND	ug/kg	80 ug/kg
1,1-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
Methylene Chloride	EPA 8240	ND	ug/kg	20 ug/kg
Carbon Disulfide	EPA 8240	ND	ug/kg	40 ug/kg
trans-1,2-Dichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Vinyl Acetate	EPA 8240	ND	ug/kg	40 ug/kg
2-Butanone	EPA 8240	ND	ug/kg	40 ug/kg
Chloroform	EPA 8240	ND	ug/kg	4.0 ug/kg
1,1,1-Trichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloroethane	EPA 8240	ND	ug/kg	4.0 ug/kg
Carbon Tetrachloride	EPA 8240	ND	ug/kg	4.0 ug/kg
Benzene	EPA 8240	ND	ug/kg	4.0 ug/kg
1,2-Dichloropropane	EPA 8240	ND	ug/kg	6.0 ug/kg
Trichloroethene	EPA 8240	ND	ug/kg	4.0 ug/kg
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/kg	4.0 ug/kg
Bromodichloromethane	EPA 8240	ND	ug/kg	4.0 ug/kg
P-Dioxane	EPA 8240	ND	ug/kg	40 ug/kg
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/kg	40 ug/kg
4-Methyl-2-Pentanone	EPA 8240	ND	ug/kg	20 ug/kg
cis-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/kg	4.0 ug/kg
Toluene	EPA 8240	ND	ug/kg	4.0 ug/kg

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

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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	102	Percent	
Toluene D-8	EPA 8240	102	Percent	
4-Bromofluorobenzene	EPA 8240	98	Percent	

[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]

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

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

63251216

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. 9844 DATE: 11/18/96 PAGE 1 OF 1
FILE NO. 72373 LAB NO 6325 1216 01

CLIENT NAME: ERIER & KALINOWSKI, INC.

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

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

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

SAMPLER NAME: ROB HESSE (Printed) (Signature)

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

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

ANALYSES REQUESTED:

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	Boiler Carbon chain	17 CAM METALS	8080 PCBs only	8240 VOCs					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

SPECIAL INSTRUCTIONS:

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

By Date

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

003546

POSITIVE LAB SERVICE

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

Erler & Kalinowski, Inc. 11/27/96
File# 72373
2951 28th Street, Suite 1020
Santa Monica, CA 90405

Attn: Steve Miller
310/314/8855

Project Name: Webb
Project Number 961025.01

Sample #: 6325154801
Received: 11/20/96
Type: Water

Collector: Client
Sampling Date & Time: 11/19/96, 1130
Method: Submitted By Client

I.D.: DS-3

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Extraction Method/Date	EPA 5030	11/25/96		
Analysis Date		11/25/96		
EPA 8240		*		
Chloromethane	EPA 8240	ND	ug/l	1.0 ug/l
Vinyl Chloride	EPA 8240	ND	ug/l	1.0 ug/l
Bromomethane	EPA 8240	ND	ug/l	1.0 ug/l
Chloroethane	EPA 8240	ND	ug/l	1.0 ug/l
Trichlorofluoromethane	EPA 8240	ND	ug/l	5.0 ug/l
Acetone	EPA 8240	89	ug/l	10 ug/l
1,1-Dichloroethene	EPA 8240	ND	ug/l	0.5 ug/l
Methylene Chloride	EPA 8240	ND	ug/l	2.5 ug/l
Carbon Disulfide	EPA 8240	ND	ug/l	5.0 ug/l
trans-1,2-Dichloroethene	EPA 8240	ND	ug/l	0.5 ug/l
1,1-Dichloroethane	EPA 8240	ND	ug/l	0.5 ug/l
Vinyl Acetate	EPA 8240	ND	ug/l	5.0 ug/l
2-Butanone	EPA 8240	150	ug/l	5.0 ug/l
Chloroform	EPA 8240	ND	ug/l	0.5 ug/l
1,1,1-Trichloroethane	EPA 8240	ND	ug/l	0.5 ug/l
1,2-Dichloroethane	EPA 8240	ND	ug/l	0.5 ug/l
Carbon Tetrachloride	EPA 8240	ND	ug/l	0.5 ug/l
Benzene	EPA 8240	ND	ug/l	0.5 ug/l
1,2-Dichloropropane	EPA 8240	ND	ug/l	0.5 ug/l
Trichloroethene	EPA 8240	ND	ug/l	0.5 ug/l
2,3-Dichloro-1-Propene	EPA 8240	ND	ug/l	0.5 ug/l
Bromodichloromethane	EPA 8240	ND	ug/l	0.5 ug/l
P-Dioxane	EPA 8240	ND	ug/l	5.0 ug/l

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

63251548

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CONSTITUENT	METHOD	RESULT	UNIT	MDL
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/l	5.0 ug/l
4-Methyl-2-Pentanone	EPA 8240	27	ug/l	2.5 ug/l
cis-1,3-Dichloropropene	EPA 8240	ND	ug/l	0.5 ug/l
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/l	1.0 ug/l
Toluene	EPA 8240	6.2	ug/l	0.5 ug/l
1,1,2-Trichloroethane	EPA 8240	ND	ug/l	1.0 ug/l
2-Hexanone	EPA 8240	ND	ug/l	5.0 ug/l
Dibromochloromethane	EPA 8240	ND	ug/l	1.0 ug/l
1,2-Dibromoethane	EPA 8240	ND	ug/l	0.5 ug/l
Tetrachloroethene	EPA 8240	ND	ug/l	0.5 ug/l
Chlorobenzene	EPA 8240	ND	ug/l	0.5 ug/l
Ethylbenzene	EPA 8240	ND	ug/l	0.5 ug/l
Para and Meta Xylenes	EPA 8240	9.2	ug/l	1.0 ug/l
Bromoform	EPA 8240	ND	ug/l	1.0 ug/l
Styrene	EPA 8240	ND	ug/l	0.5 ug/l
o-Xylene	EPA 8240	6.7	ug/l	0.5 ug/l
1,1,2,2-Tetrachloroethane	EPA 8240	ND	ug/l	1.0 ug/l
1,4-Dichlorobenzene	EPA 8240	ND	ug/l	0.5 ug/l
1,3-Dichlorobenzene	EPA 8240	ND	ug/l	0.5 ug/l
1,2-Dichlorobenzene	EPA 8240	ND	ug/l	1.0 ug/l
Surrogate		*		
1,2-Dichloroethane D4	EPA 8240	95	Percent	
Toluene D-8	EPA 8240	104	Percent	
4-Bromofluorobenzene	EPA 8240	98	Percent	

Sample #: 6325154806
Received: 11/20/96
Type: Water

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

I.D.: Method Blank

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

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

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=========CONSTITUENT==========	====METHOD====	==RESULT==	===UNIT===	===MDL====
Chloroethane	EPA 8240	ND	ug/l	1.0 ug/l
Trichlorofluoromethane	EPA 8240	ND	ug/l	5.0 ug/l
Acetone	EPA 8240	ND	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	ND	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
2-Chloroethyl Vinyl Ether	EPA 8240	ND	ug/l	5.0 ug/l
4-Methyl-2-Pentanone	EPA 8240	ND	ug/l	2.5 ug/l
cis-1,3-Dichloropropene	EPA 8240	ND	ug/l	0.5 ug/l
Trans-1,3-Dichloropropene	EPA 8240	ND	ug/l	1.0 ug/l
Toluene	EPA 8240	ND	ug/l	0.5 ug/l
1,1,2-Trichloroethane	EPA 8240	ND	ug/l	1.0 ug/l
2-Hexanone	EPA 8240	ND	ug/l	5.0 ug/l
Dibromochloromethane	EPA 8240	ND	ug/l	1.0 ug/l
1,2-Dibromoethane	EPA 8240	ND	ug/l	0.5 ug/l
Tetrachloroethene	EPA 8240	ND	ug/l	0.5 ug/l
Chlorobenzene	EPA 8240	ND	ug/l	0.5 ug/l
Ethylbenzene	EPA 8240	ND	ug/l	0.5 ug/l
Para and Meta Xylenes	EPA 8240	ND	ug/l	1.0 ug/l
Bromoform	EPA 8240	ND	ug/l	1.0 ug/l
Styrene	EPA 8240	ND	ug/l	0.5 ug/l
o-Xylene	EPA 8240	ND	ug/l	0.5 ug/l
1,1,2,2-Tetrachloroethane	EPA 8240	ND	ug/l	1.0 ug/l
1,4-Dichlorobenzene	EPA 8240	ND	ug/l	0.5 ug/l
1,3-Dichlorobenzene	EPA 8240	ND	ug/l	0.5 ug/l
1,2-Dichlorobenzene	EPA 8240	ND	ug/l	1.0 ug/l

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

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CONSTITUENT	METHOD	RESULT	UNIT	MDL
Surrogate		*		
1,2-Dichloroethane D4	EPA 8240	101	Percent	
Toluene D-8	EPA 8240	101	Percent	
4-Bromofluorobenzene	EPA 8240	100	Percent	

Respectfully Submitted,

Azmat Imam, Organic Supervisor

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

63251548

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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November 27, 1996

QUALITY CONTROL DATA
MATRIX SPIKE AND DUPLICATE SPIKES

Client: Erler & Kalinowski
File No: 72373
Report No: 63251548
Matrix: Water
Method: EPA 8240
Lab No: 6325154801
Batch No: 63308240-1
Date Analyzed: 11/25/96

PARAMETER		SAMPLE RESULTS (ug/l)	AMOUNT SPIKED (ug/l)	AMOUNT RECOVERED (ug/l)	% REC	SPIKE RECOVERY ACCEPTANCE RANGE(%)	R.P.D.
1,1-Dichloroethene	(S)	ND	20	15.9	80		
1,1-Dichloroethene	(DS)	ND	20	15.7	79	62-141	1
Benzene	(S)	ND	20	20.4	102		
Benzene	(DS)	ND	20	21.0	105	67-137	3
Trichloroethene	(S)	ND	20	19.4	97		
Trichloroethene	(DS)	ND	20	19.7	99	66-135	2
Toluene	(S)	ND	20	26.4	102		
Toluene	(DS)	ND	20	27.2	105	72-132	3
Chlorobenzene	(S)	ND	20	20.6	103		
Chlorobenzene	(DS)	ND	20	21.1	106	74-135	3

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

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Los Angeles, CA 90021
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CHAIN OF CUSTODY AND ANALYSIS REQUEST

LOG BOOK NO. 9852 DATE 11/19/96 PAGE 1 OF 1
FILE NO LAB NO 6325 1548 01

CLIENT NAME: ENLER & FALINOWSKI, INC.

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

ADDRESS: 2451 28TH ST., STE 102, 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	SAMPLE CONDITION/ COMMENTS
	11/19/96	11:30	DS-3	X				N	3	V	X	RESULTS WITH SAMPLES OF 11/18/96

Relinquished By (Signature and Printed Name): ROB C. HESSE — Received By (Signature and Printed Name): Michelle Pattersh — 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 GOLD TO CLIENT

003552