

# FERO ENGINEERING

ENVIRONMENTAL ENGINEERING & CONSULTING

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February 17, 2004

County Los Angeles  
Department of Public Works  
Environmental Programs Division  
Post Office Box 1460  
Alhambra, California 91802-1460

Tank Closure Report  
Permanent Tank Closure Permit  
No. 397722  
File No. 14533-37714 (6H)  
**Lane Stanton Vance Lumber Company**  
14710 Nelson Avenue, City of Industry, California 91715

## TANK REMOVALS

On January 29, 2004, under Closure Permit Registration Number 397722 and in accordance with the County of Los Angeles Fire Department requirements, one 6,000 gallon fiberglass underground gasoline tank and one 6,000 gallon fiberglass underground diesel tank located at 14710 Nelson Avenue in the City of Industry were removed and properly disposed.

Prior to removal, the tanks were cleaned, triple rinsed, and certified as clean & vapor free by a marine chemist. The cleaning solution and residue from the tanks were contained in a vacuum truck, manifested and transported to De Menno Kerdoon a licensed hazardous waste treatment/disposal facility in Compton. A copy of the hazardous waste manifest is enclosed as Exhibit 1. A copy of the clean tank certifications are enclosed as Exhibit 2.

The clean tanks were removed from the pit. The tanks were attached securely on a truck, and transported to Ecology Auto Parts in Santa Fe Springs, California. The certificates of destruction for the tanks are enclosed as Exhibit 3.

On January 29, 2004, upon removal of the referenced tanks, one soil sample (2B) was collected at 12:10 p.m. from three feet below the invert elevation of the north end of the diesel tank, one soil sample (2A) was collected at 12:20 p.m. from three feet below the invert elevation of the south end of the diesel tank, one soil sample (1B) was collected at 12:35 p.m. from three feet below the invert elevation of the south end of the gasoline tank, one soil sample (1A) was collected at 12:50 p.m. from three feet below the invert elevation of the north end of the gasoline tank, one soil sample (2C) was collected at 1:05 p.m. from two feet below the invert elevation of the diesel dispenser and one soil sample (SP1) was collected at 1:15 p.m. from east end of the soil stock pile. The gasoline dispenser was located over the south end of the diesel tank and formerly about four feet of lateral piping ran

from the diesel tank south to the diesel dispenser location, therefore no additional samples were required or obtained. A scaled site plan, which shows the locations of the tanks, dispenser and the sampling points, is enclosed as Figure 1.

The soil samples were obtained in as close to an undisturbed state as possible from the locations specified in the closure application utilizing a backhoe. Upon removing the soil from the specified locations, utilizing EPA Method 5035 low-level protocol the Easy Draw Syringe was inserted into the soil within the backhoe bucket in such a way that no headspace was allowed and 5 grams of soil was obtained. The sample was injected into a preserved 40-ml vial. This process was repeated seven times for each sample, resulting in seven preserved vials of soil per sample. The vials were capped immediately and put on ice. The samples were appropriately labeled and logged in. The samples were transported via proper Chain-of-Custody procedures to State certified Enviro-Chem, Inc. Laboratories in Pomona for analysis. The tank invert soil samples and the diesel dispenser sample were obtained from native materials, which generally consisted of silty fine sands (SM).

Soil sampling was performed by John B. Petersen working directly under the supervision of Rick L. Fero, P.E., a California Registered Civil Engineer with sufficient and relevant experience in soils as required by applicable regulations.

All soil samples obtained were tested for Total Petroleum Hydrocarbons (TPH) as diesel and as gasoline using EPA Method 8015m, for Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Methyl tert-Butyl Ether (MTBE), Ethyl tert-Butyl Ether (ETBE), Isopropyl Ether (DIPE), Tert-Amyl Methyl Ether (TAME) and Tertiary Butyl Alcohol (TBA) using EPA Method 8260B. Analytical results from the testing are summarized in Table 1 below. Complete analytical results and chain of custody documentation for the above-mentioned samples are included as Exhibit 4.

**Table 1**  
Soil Analytical Results  
Former Underground Diesel And Gasoline Tank  
Lane Stanton Vance Lumber Company  
14710 Nelson Avenue, City of Industry, California 91744

Sample Point	TPHd (mg/Kg)	TPHg (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl-Benzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	ETBE (mg/Kg)	DIPE (mg/Kg)	TAME (mg/Kg)	TBA (mg/Kg)
Soil Screening Level	1,000	500	0.039	2.4	8.6	24	0.172	—	—	—	0.158
1A (N. end Gas UST)	ND	0.192	ND	ND	ND	ND	ND	ND	ND	ND	ND
1B (S. end Gas UST)	ND	0.535	0.017	0.047	ND	0.014	0.103	ND	ND	ND	ND
2A (N. end Diesel UST)	ND	0.944	<b>0.077</b>	0.263	0.031	0.166	<b>3.020</b>	ND	ND	ND	<b>0.201</b>
2B (S. end Diesel UST)	ND	2.900	<b>0.142</b>	0.399	0.050	0.242	<b>4.000</b>	ND	ND	ND	<b>0.673</b>
2C (Diesel Dispenser)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Stock Pile	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected at laboratory detection limits. MTBE=Methyl tert-Butyl Ether, ETBE=Ethyl tert-Butyl Ether, DIPE=Isopropyl Ether, TAME=Tert-Amyl Methyl Ether, TBA=Tertiary Butyl Alcohol. Values in bold exceed their respective Soil Screening Level (SSL).

The tank excavation was backfilled with the clean stockpiled soils, which were supplemented with clean import soils. The soils were placed in the excavation and compacted and the tank area was resurfaced with asphalt.

## REGIONAL & SITE GEOLOGY

The project site is located in the Transverse Ranges Province. Most of the province is mountainous; many of the higher ridges and peaks rise above 5,000 feet, and the highest mountains rise to elevations of more than 10,000 feet. The backbone of the province, in its central and eastern parts, is formed by the San Gabriel and San Bernardino Mountains. The Province extends eastward about 275 miles from Point Arguello into the Mojave Desert. The site is more specifically located in the southeastern San Gabriel Valley. (1, 2) During the process of excavating soils to obtain the tank invert sample, native soils were observed to consist generally of silty fine to medium sands.

## GROUNDWATER

To determine the depth to groundwater in the vicinity of the study site, Fero accessed the files of the Hydraulics Section of the Los Angeles County Department of Public Works (DPW). Well No. 3036 is located approximately 1/4 mile north of the study site. The most recent monitoring data from this well indicated a depth to water of 101 feet on November 17, 2003. (3)

## CONCLUSIONS

In accordance with the Los Angeles County Department of Public Works and Fire Department requirements, the subject underground tanks were removed and properly disposed. Soil samples were obtained from the appropriate locations beneath the tanks and were analyzed according to County of Los Angeles Department of Public Works' accepted protocol.

As indicated above in Table 1, no diesel related Total Petroleum Hydrocarbons were found in any of the soil samples. Total Petroleum Hydrocarbons as gasoline (TPHg), Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Methyl tert-Butyl Ether (MTBE) and Tertiary Butyl Alcohol (TBA) were detected in the soil samples from below the diesel tank. Total Petroleum Hydrocarbons as gasoline (TPHg), Benzene, Toluene, Xylenes and Methyl tert-Butyl Ether (MTBE) were detected in the soil sample from below the southern end of the gasoline tank. The samples from below the diesel dispenser and soil pile (tank overburden soils) were non detect for all parameters analyzed.

Fero evaluated the potential for the TPHg, BTEX, MTBE and TBA identified in the soil to impact groundwater based on the most recent California Regional Water Quality Control Board (RWQCB)-Los Angeles Region, *Interim Site Assessment and Cleanup Guidebook, Volume 1: Assessment and Cleanup Guidance, Table 4-1; Maximum Soil Screening Levels (mg/Kg) for TPH and BTEX above Drinking Water Aquifers and Table 5-1; Average Attenuation Factor For Different Distances Above Ground Water and Lithology*, dated May 1996. This evaluation was based on a depth to groundwater of 80 feet (approximate depth from tank invert samples to groundwater) and a soil type of silty sand observed at the site. The maximum allowable concentration (soil screening level) of each of the identified compounds was determined and presented in Table 1. Concentrations of Benzene,

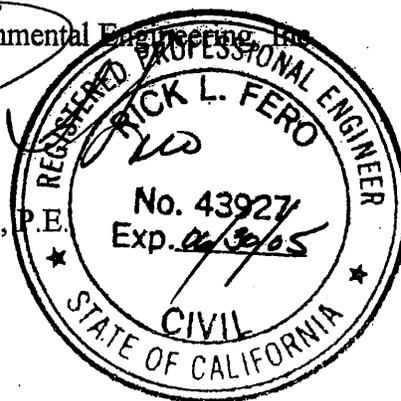
MTBE and TBA exceed their respective soil screening level in both samples (2A and 2B) from below the eastern tank. Therefore, further assessment to determine the vertical and lateral extent of the identified Benzene, MTBE and TBA should be conducted.

Should you have any questions regarding the content of this closure report, please do not hesitate to call the undersigned at (714) 256-2737.

Respectfully,  
Fero Environmental Engineering, Inc.



Rick L. Fero, P.E.  
President



RLF:jbp  
[443rpt]

150' to NW corner of property

318' to top of curb @ Nelson Avenue

1" = 5'

1A

2A

Former Gasoline Tank

Former Diesel Tank

1B

2B

Gasoline Dispenser

2C

Diesel Dispenser

Stockpile (mostly pea gravel)

SP1

Legend

◆ - Soil Sampling Locations



**FERO ENGINEERING**  
ENVIRONMENTAL ENGINEERING & CONSULTING

**Soil Sampling Locations**  
**Lane Stanton Vance**  
**Lumber Company**

14710 Nelson Avenue  
City of Industry, CA

## References

- 1) Geological Survey Professional Paper 420-A, 1965.
- 2) Geological Survey Professional Paper 1360, 1985.
- 3) Los Angeles County Department of Public Works, Hydrologic Records.

Exhibit 1

**Tank Rinsate Manifest**

CENTER 1-800-424-8802 WITHIN CALIFORNIA, CALL 1-800-852-7550

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER

GENERATOR

TRANSPORTER

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CAL0000249663</b>	Manifest Document No. <b>000001</b>	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>Lane Stanton Vance Lumber Company 14710 Nelson Avenue - City of Industry, CA</b>			A. State Manifest Document Number <b>23374070</b>		B. State Generator's ID
4. Generator's Phone <b>626 934-6320</b>		6. US EPA ID Number <b>91715</b>		C. State Transporter's ID (Reserved)	
5. Transporter 1 Company Name <b>Nieto and Sons Trucking, Inc.</b>		7. US EPA ID Number <b>CAT000016116</b>		D. Transporter's Phone <b>(714) 990-6855</b>	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID (Reserved)	
9. Designated Facility Name and Site Address <b>DeMenno Kerdoon 2000 N. Alameda Street Compton, CA 90222</b>		10. US EPA ID Number <b>CAT000016352</b>		G. State Facility's ID <b>CA10800131521</b>	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. <b>NON RCRA HAZARDOUS WASTE LIQUID</b>		<b>001</b>	<b>T T</b>	<b>X200</b>	<b>G</b>
b.					
c.					
d.					
Additional Descriptions for Material <b>Job Site: Lane Stanton Vance Lumber 14710 Nelson Avenue City of Industry, CA</b>			K. Handling Codes for Waste Listed Above <b>R01</b>		
15. Special Handling Instructions and Additional Information <b>NO SMOKING</b> <b>Alternate Disposal Site : Crosby &amp; Overton</b> <b>24 Hour Emergency Phone Number : 714-990-6855</b> <b>1630 W. 17th Street (800) 827-6729</b> <b>Wear Appropriate Protective Clothing</b> <b>Long Beach, CA 90813 CAD028409019</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>Tom VOIGT</b>		Signature <i>Tom Voigt</i>		Month <b>01</b>	Day <b>29</b>
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Ken Kubanyuk</i>		Month <b>01</b>	Day <b>29</b>
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month	Day
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name <b>Steve Petchenarsky</b>		Signature <i>Steve Petchenarsky</i>		Month <b>01</b>	Day <b>30</b>

DO NOT WRITE BELOW THIS LINE.

Exhibit 2

Clean Tank Certificate

Thomas D. Beck & Assoc., Inc.  
 Iba HARBOR TESTING LABORATORY, NY  
 24 HOUR PHONE: (562) 492-9646

**MARINE CHEMIST CERTIFICATE**

Serial # 490

Requested By: WELLS and SONS Vessel Owner or Agent: LOVE STANTON VANCE WIMPER Date: 29 JAN 04  
UNDERGROUND TK Vessel: 14710 NELSON AVE  
 Type of Vessel: DEL, 12, V'WAL Specific Location of Vessel: 1000  
 Tests Performed: \_\_\_\_\_ Time Survey Completed: \_\_\_\_\_

(=) TWO DOUBLE WALL FIBRE GLASS CONSTRUCTED UNDERGROUND STORAGE TANKS MARKED WITH RED SILK PAINT  
 490.1  
 490.2

TESTED: 0% LEL  
 20.8% OXYGEN

NOT SAFE FOR WORKERS  
 NOT SAFE FOR HOT WORK  
 TANKS HAVE BEEN CLEANED  
 SAFE TO COLD CUT TANKS USING HYDRAULIC/PNEUMATIC TOOLS

USA MICHIGAN S/S TOOLS CALIBRATED US301 HAS 29 JAN 04

**In the event of any physical or atmospheric adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if any doubt, immediately stop all work and contact the undersigned Marine Chemist.**

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment of space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment of space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are specified.

SAFE FOR HOT WORK: Means that in any compartment designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or tube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued.

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed \_\_\_\_\_ Date \_\_\_\_\_ Marine Chemist \_\_\_\_\_ Certificate No. \_\_\_\_\_

Exhibit 3

**Tank Destruction Documentation**

# ***CERTIFICATE OF DESTRUCTION***

**ECOLOGY AUTO PARTS  
13780 E. IMPERIAL HWY  
SANTA FE SPRINGS, CA 90670  
(562)404-8683**

***COMPANY NAME:*** LONE STANTON VANCE LUMBER

***ADDRESS:*** 14710 NELSON AVE.  
INDUSTRY, CA

***DESCRIPTION:*** 2-6,000 GALLON FIBERGLASS TANKS

***UNDERGROUND STORAGE TANK(S)  
HAVE BEEN SCRAPPED, CRUSHED AND DESTROYED AT  
ECOLOGY AUTO PARTS  
SANTA FE SPRINGS, CA.***

***ON:*** 01/30/04

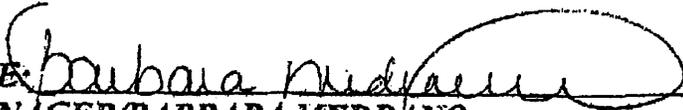
***SIGNATURE:***   
***TITLE:*** MANAGER/BARBARA MEDRANO  
***DATE:*** 02/09/04

Exhibit 4

**Soil Analytical Results and  
Chain of Custody Documentation**

**Enviro - Chem, Inc.**

1215 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: February 4, 2004

Mr. John Petersen  
Fero Environmental Engineering, Inc.  
431 W. Lambert Road, Suite 305  
Brea, CA 92821  
Tel(714)256-2737 Fax(714)256-1505

Project: Lane Stanton Vance Lumber / 04-0443

Dear Mr. Petersen:

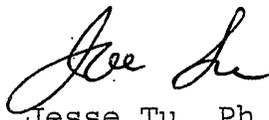
The analytical results for the soil samples, received by our Lab on January 29, 2004, are attached. All samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets  
Vice President/Program Manager



Jesse Tu, Ph.D.  
Laboratory Manager



Enviro - Chem, Inc.

1215 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Fero Environmental Engineering, Inc.
431 W. Lambert Road, #305
Brea, CA 92821
Tel (714) 256-2737 Fax (714) 256-1505

PROJECT: Lane Stanton Vince Lumber / 04-0443

MATRIX: SOIL DATE RECEIVED: 01/29/04
DATE SAMPLED: 01/29/04 DATE ANALYZED: 01/30/04
REPORT TO: MR. JOHN PETERSEN DATE REPORTED: 02/04/04

TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE ANALYSIS
(C4-C10 HYDROCARBONS)
METHOD: EPA 5035/8015M
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., TPH-GASOLINE RESULT, DF. Rows include 2B, 2A, 1B, 1A, 2C, SP1, and Method Blank.

PQL 0.1

COMMENTS

PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
MTBE AND TBA ARE NOT UTILIZED IN THE CALCULATION OF TPH-GASOLINE

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

# Gas/BTEX QC

Date Analyzed: 1/30-31/2004

Units: mg/Kg (PPM)

Matrix: Soil

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

Spiked Sample Lab I.D.: BLANK

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %REC	ACP %RPD
Gasoline	0.00	0.500	0.461	92%	0.456	91%	1%	75-125	<20%
Benzene	0.00	0.050	0.047	94%	0.045	91%	3%	75-125	<20%
Toluene	0.00	0.050	0.057	114%	0.058	115%	1%	75-125	<20%
Ethylbenzene	0.00	0.050	0.055	110%	0.053	106%	4%	75-125	<20%

**LCS STD RECOVERY:**

Analyte	spk conc	LCS	% REC	ACP
Gasoline	0.500	0.469	94%	75-125
Benzene	0.050	0.057	114%	75-125
Toluene	0.050	0.050	100%	75-125
Ethylbenzene	0.050	0.048	96%	75-125

Surrogate Recovery	ACP %REC	MB	%REC						
Sample I.D.			040129-37	040129-38	040129-39	040129-40	040129-41	040129-42	040129-43
BFB	70-130	110%	107%	98%	97%	115%	118%	116%	118%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		040129-44	040129-45	040129-46	040129-47	040129-48	040129-49	040129-50	040129-51
BFB	70-130	115%	124%	108%	116%	102%	114%	103%	106%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
BFB	70-130					

\* = Surrogate fail due to matrix interference (If marked)  
 Note: LCS, MS, MSD are in control therefore results are in control.

S.R. = Sample Result  
 spk conc = Spike Concentration  
 %REC = Percent Recovery  
 ACP %RPD = Acceptable Percent RPD Range  
 ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: [Signature]

Final Reviewer: [Signature]

Enviro - Chem, Inc.

1216 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Fero Environmental Engineering, Inc.
431 W. Lambert Road, #305
Brea, CA 92821
Tel(714)256-2737 Fax(714)256-1505

PROJECT: Lane Stanton Vince Lumber / 04-0443

MATRIX: SOIL DATE RECEIVED: 01/29/04

DATE SAMPLED: 01/29/04 DATE ANALYZED: 01/30/04

REPORT TO: MR. JOHN PETERSEN DATE REPORTED: 02/04/04

TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL ANALYSIS
(C10-C22 HYDROCARBONS)
METHOD: LUFT / EPA 8015M \*
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., TPH-DIESEL RESULT, DF. Rows include samples 2B, 2A, 1B, 1A, 2C, SP1, Method Blank, and PQL.

COMMENTS

PQL = PRACTICAL QUANTITATION LIMIT

DF = DILUTION FACTOR

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

\* = SAMPLE ANALYZED USING 5035 SAMPLING KIT

Data Reviewed and Approved by: [Signature]

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

### 8015M Soil QC

Date Analyzed: 1/30-31/2004

Units: mg/Kg (PPM)

Matrix: **Solid**

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

Spiked Sample Lab I.D.: **040130-58**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
DIESEL	0	3400	3918	115%	3976	117%	1%	75-125	0-20%

**LCS STD RECOVERY:**

Analyte	spk conc	LCS	% REC	ACP
DIESEL	200	226	113%	75-125

Analyzed and Reviewed By: 

Final Reviewer: 

Enviro - Chem, Inc.

1215 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Fero Environmental Engineering, Inc.  
431 W. Lambert Road, #305  
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Tel (714) 256-2737 Fax (714) 256-1505

PROJECT: Lane Stanton Vince Lumber / 04-0443

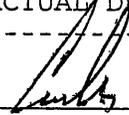
MATRIX: SOIL DATE RECEIVED: 01/29/04  
DATE SAMPLED: 01/29/04 DATE ANALYZED: 01/30/04  
REPORT TO: MR. JOHN PETERSEN DATE REPORTED: 02/04/04

-----  
EPA 5035/8260B FOR BTEX  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM  
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SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
2B	040129-46	0.142	0.399	0.050	0.242	1
2A	040129-47	0.077	0.263	0.031	0.166	1
1B	040129-48	0.017	0.047	ND	0.014	1
1A	040129-49	ND	ND	ND	ND	1
2C	040129-50	ND	ND	ND	ND	1
SP1	040129-51	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
	PQL	0.005	0.005	0.005	0.010	

COMMENTS:

DF = DILUTION FACTOR  
PQL = PRACTICAL QUANTITATION LIMIT  
ACTUAL DETECTION LIMIT = DF X PQL  
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT  
-----

Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555

### LABORATORY REPORT

CUSTOMER: Fero Environmental Engineering, Inc.  
431 W. Lambert Road, #305  
Brea, CA 92821  
Tel (714) 256-2737 Fax (714) 256-1505

PROJECT: Lane Stanton Vince Lumber / 04-0443

MATRIX: SOIL

DATE RECEIVED: 01/29/04

DATE SAMPLED: 01/29/04

DATE ANALYZED: 01/30/04

REPORT TO: MR. JOHN PETERSEN

DATE REPORTED: 02/04/04

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EPA 5035/8260B FOR FUEL OXYGENATES  
UNITS: MG/KG = MILLIGRAM PER KILOGRAM = PPM  
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SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
2B	040129-46	ND	ND	4.00	ND	0.673	1
2A	040129-47	ND	ND	3.02	ND	0.201	1
1B	040129-48	ND	ND	0.103	ND	ND	1
1A	040129-49	ND	ND	ND	ND	ND	1
2C	040129-50	ND	ND	ND	ND	ND	1
SP1	040129-51	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = DF X PQL

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

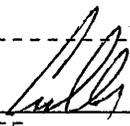
ETBE = ETHYL tert-BUTYL ETHER

DIPE = ISOPROPYL ETHER

MTBE = METHYL tert-BUTYL ETHER

TAME = TERT-AMYL METHYL ETHER

TBA = TERTIARY BUTYL ALCOHOL

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Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

8260 QA/QC Report

Sample Analyzed: 01/30/04  
 Machine: A

Matrix: Soil  
 Unit: mg/Kg (PPM)

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

Spiked Sample Lab I.D.: 040128-10

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.045	90%	0.045	90%	0%	75-125	0-20
Chlorobenzene	0	0.050	0.043	86%	0.044	88%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.043	86%	4%	75-125	0-20
Toluene	0	0.050	0.041	82%	0.044	88%	6%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.041	82%	0.046	92%	10%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.046	92%	75-125
Chlorobenzene	0.050	0.046	92%	75-125
Chloroform	0.050	0.039	78%	75-125
1,1-Dichloroethene	0.050	0.039	78%	75-125
Ethylbenzene	0.050	0.044	88%	75-125
o-Xylene	0.050	0.043	86%	75-125
m,p-Xylene	0.100	0.089	89%	75-125
Toluene	0.050	0.043	86%	75-125
1,1-Trichloroethane	0.050	0.041	82%	75-125
Trichloroethene (TCE)	0.050	0.043	86%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.				0129-46	0129-47	0129-48	0129-49	0129-50	0129-51
Dibromofluoromethane	50.0	70-130	93%	100%	98%	96%	101%	96%	145*
Toluene-d8	50.0	70-130	94%	98%	97%	98%	95%	97%	70%
4-Bromofluorobenzene	50.0	70-130	105%	105%	103%	105%	95%	102%	84%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0128-04	0128-05	0128-06	0128-07	0128-08	0128-09	0128-10
Dibromofluoromethane	50.0	70-130	98%	86%	111%	97%	97%	96%	96%
Toluene-d8	50.0	70-130	95%	95%	100%	95%	95%	96%	96%
4-Bromofluorobenzene	50.0	70-130	104%	98%	114%	102%	100%	104%	103%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0128-01	0128-02	0128-03				
Dibromofluoromethane	50.0	70-130	105%	101%	103%				
Toluene-d8	50.0	70-130	90%	92%	82%				
4-Bromofluorobenzene	50.0	70-130	86%	90%	110%				

\* = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.

S.R. = Sample Results

spk conc = Spike Concentration

MS = Matrix Spike

%RC = Percent Recovery

ACP %RC = Accepted Percent Recovery

MSD = Matrix Spike Duplicate

Analyzed By: Kimberly Pham

Analyst Signature: 

First Reviewer: 

Final Reviewer: 

**Enviro-C. n, Inc. Laboratories**  
 1214 E. Lexington Avenue,  
 Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907  
 CA-DHS ELAP CERTIFICATE # 1555

- Turnaround Time  
 Same Day  
 24 Hours  
 48 Hours  
 72 Hours  
 1 Week (Standard)

76 H. - Wed

TPH<sub>g</sub> (805m)  
 TPH<sub>d</sub> (805m)  
 BTEX, MTBE, OXG

**RUSH**  
 (28.10 - Dur 24)

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
								TPH <sub>g</sub> (805m)	TPH <sub>d</sub> (805m)	BTEX, MTBE, OXG		
ZB	04029-46	1-29-04	12:10	SOIL	7	90C	None	X	X	X	X	X, g, BTEX, MTBE, OXG (62)
ZA	-47		12:20					X	X	X		all use (5055)
1B	-48		12:35					X	X	X		provided.
1A	-49		12:50					X	X	X		
2C	-50		1:05					X	X	X		
SPI	-51		1:15					X	X	X		

Company Name: **Fero Ent.** Project Contact: **John Peterson** Sampler's Signature: *[Signature]*

Address: **431 W. Lambert Rd #305** Tel: **714 256 2737** Project Name/ID: **LAVE STANTON VANCE LUMBER**

City/State/Zip: **Brea CA 92821** Fax: **714 256 1505** **04-0443**

Relinquished by: *[Signature]* Date & Time: **1/29/04 1420** Instructions for Sample Storage After Analysis:  Dispose of  Return to Client  Store (30 Days)

Relinquished by: *[Signature]* Date & Time: **1/29/04 1420**  Other:

Relinquished by: *[Signature]* Date & Time: **1/29/04 1420**

**CHAIN OF CUSTODY RECORD**