

# FERO ENGINEERING

ENVIRONMENTAL ENGINEERING & CONSULTING

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June 28, 2005

Mr. Erik Rodriguez  
County of Los Angeles  
Department of Public Works  
Environmental Programs Division  
P.O. Box 1460  
Alhambra, California 91802-1460

Dear Mr. Rodriguez:

Site Assessment Report  
**Industry Pacific, Inc.**  
14710 East Nelson Avenue, Industry, California 91744  
**Closure Permit Number: A397722, File No. 014533-037714**

Pursuant to the County of Los Angeles Department of Public Works (LADPW) letter dated April 5, 2005, Fero Environmental Engineering, Inc. (Fero) submits this site assessment report for the referenced site on behalf of the subject site owner; *Attn. Jerry Lapin, Industry Pacific, Inc., 13200 Crossroads Parkway North, Suite 480, City of Industry, California 91746.*

## BACKGROUND

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. Details regarding the underground storage tank removals were included in the previously submitted Tank Closure Report dated February 17, 2004.

On January 29, 2004, upon removal of the referenced tanks, one soil sample (2B) was collected from three feet below the invert elevation of the north end of the diesel tank, one soil sample (2A) was collected from three feet below the invert elevation of the south end of the diesel tank, one soil sample (1B) was collected from three feet below the invert elevation of the south end of the gasoline tank, one soil sample (1A) was collected from three feet below the invert elevation of the north end of the gasoline tank, one soil sample (2C) was collected from two feet below the invert elevation of the diesel dispenser and one soil sample (SP1) was collected from the 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 for the piping. A scaled site plan, which shows the locations of the tanks, dispenser and the sampling points, is enclosed as Figure 1.

All of the collected soil samples 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 were included in the above referenced closure report.

**Table 1**  
**Soil Analytical Results**  
**Former Underground Diesel and Gasoline Tank**  
**Industry Pacific, Inc.**  
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.

Based on these results the LADPW in their letter dated October 26, 2004, requested submittal of a site assessment work plan for the referenced site. Fero's initial site assessment work plan was dated December 16, 2004. Based on discussions with the LADPW a revised site assessment plan was submitted dated January 3, 2005. Pursuant to discussions with the LADPW a revised boring location plan (Figure) was submitted on March 14, 2005. The LADPW approved the site assessment work plan in their letter dated April 5, 2005.

## SITE ASSESSMENT

Pursuant to the approved work plan, on May 27, 2005, Fero Environmental Engineering, Inc. (Fero) conducted five exploratory borings to 40 feet below grade (fbg) proximate to the former tank locations. One boring (FB5) was conducted through the former tank pit over the former gasoline dispenser location proximate to former sample location 2B which previously exhibited the highest concentrations of Benzene, MTBE and TBA. Four additional step-out borings were conducted around the former tank pit (Borings FB1-FB4) at locations specified in the work plan. Figure 1 indicates the boring locations.

Fero retained an appropriately certified and licensed drilling contractor (BC2 Environmental Corp.) to conduct the borings. The borings were conducted using a CME 75 drill rig fitted with 8" diameter hollow stem augers. Soil sampling for analysis and lithologic logging began at 10 fbg and continued every 5 feet to the boring terminus except in the former tank pit where the sampling began at 15 fbg which is below the previous pit bottom. Soil samples were not recovered from boring FB1 at 10 and 20 fbg due to loose soils and poor sample recovery. The borings were logged by a Fero geologist and were visually classified in the field in accordance with the Unified Soil Classification System (USCS) which includes an evaluation of moisture content, consistency, texture, and soil particle size. Site soils generally consisted of interbedded silts, silty sands, silty clays and sands. Copies of Fero's boring logs are included as Attachment A, a copy of Fero's standard soil sampling protocol is included as Attachment B, and a copy of the site specific Health and Safety Plan used during field operations is included in Attachment C. Soil cuttings from the boring operations were retained onsite in properly labeled, DOT approved drums and will be properly treated or disposed.

The soil samples were obtained in an undisturbed state utilizing a stainless steel split spoon drive sampler. Upon removing the soil from the specified depths and locations, samples were retained using the EPA Method 5035 low-level protocol. The protocol requires that an Easy Draw Syringe be inserted into the soil within the sampler in such a way that no headspace is allowed and 5 grams of soil is obtained. The sample is then injected into a 40-ml vial containing preservative. This process was repeated five times for each sample location, resulting in four vials of preserved soil and one vial of unpreserved soil per sample location. The vials were capped immediately, appropriately labeled, and logged in, and put on ice. The samples were transported via proper Chain-of-Custody procedures to State certified Enviro-Chem, Inc. Laboratories in Pomona for analysis.

In addition to the 5035 samples, a sample was retained in a 2" x 6" brass tube from all sampling locations for the non volatile analyses (TPHd). The brass tubes were immediately capped with Teflon liners and plastic caps, appropriately labeled and logged in, and placed on ice for transport via proper Chain-of-Custody procedures to State certified Enviro-Chem, Inc. Laboratories in Pomona for analysis. Enviro-Chem, Inc. is a State of California certified laboratory. All of the soil samples were analyzed for TPHg and TPHd by EPA Method 8015m and for BTEX, MTBE, fuel oxygenates and ethanol by EPA method 8260b. Soil analytical results are summarized in Table 2. Laboratory data sheets with chain of custody documentation are included herein as Attachment D.

**Table 2**  
**Site Assessment Soil Analytical Results**  
**Industry Pacific, Inc.**  
14710 Nelson Avenue, City of Industry, California 91744

Sample Point/ Depth	TPHd (mg/Kg)	TPHg (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	EB (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	ETBE (mg/Kg)	DIPE (mg/Kg)	TAME (mg/Kg)	TBA (mg/Kg)	Ethanol (mg/Kg)
Soil Screening Level	1,000	500	0.039	2.4	8.6	24	0.172	--	--	--	0.158	--
FB1-15'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB1-25'	ND	ND	ND	ND	ND	ND	0.011	ND	ND	ND	ND	ND
FB1-30'	ND	ND	ND	ND	ND	ND	0.025	ND	ND	ND	ND	ND
FB1-35'	ND	ND	ND	ND	ND	ND	0.037	ND	ND	ND	ND	ND
FB1-40'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB2-10'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB2-15'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB2-20'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB2-25'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB2-30'	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	ND	ND
FB2-35'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB2-40'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB3-10'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB3-15'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB3-20'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB3-25'	ND	ND	ND	ND	ND	ND	0.017	ND	ND	ND	ND	ND
FB3-30'	ND	ND	ND	ND	ND	ND	0.042	ND	ND	ND	ND	ND
FB3-35'	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND
FB3-40'	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND

ND = Not Detected at laboratory detection limits

EB= Ethyl Benzene

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).

**Table 2 cont.**  
Site Assessment Soil Analytical Results  
**Industry Pacific, Inc.**  
14710 Nelson Avenue, City of Industry, California 91744

Sample Point/ Depth	TPHd (mg/Kg)	TPHg (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	EB (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	ETBE (mg/Kg)	DIPE (mg/Kg)	TAME (mg/Kg)	TBA (mg/Kg)	Ethanol (mg/Kg)
Soil Screening Level	1,000	500	0.039	2.4	8.6	24	0.172	--	--	--	0.158	--
FB4-10'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB4-15'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB4-20'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB4-25'	ND	ND	ND	ND	ND	ND	0.027	ND	ND	ND	ND	ND
FB4-30'	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND
FB4-35'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB4-40'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB5-15'	<b>3,680</b>	<b>5,450</b>	ND	<b>31.5</b>	<b>35.3</b>	<b>1,150</b>	ND	ND	ND	ND	ND	ND
FB5-20'	ND	0.109	ND	ND	ND	0.017	ND	ND	ND	ND	ND	ND
FB5-25'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FB5-30'	ND	ND	ND	ND	ND	ND	0.093	ND	ND	ND	0.113	ND
FB5-35'	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	0.050	ND
FB5-40'	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	ND

ND = Not Detected at laboratory detection limits

EB= Ethyl Benzene

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).

## 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 site assessment process, native soils were observed to consist of interbedded silts, silty sands, silty clays and sands. Copies of Fero's boring logs are included as Attachment A.

## 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

The site assessment was conducted in accordance with the Fero's approved work plan and Los Angeles County Department of Public Works requirements. Soil samples were obtained from the approved boring locations around and beneath the former tank locations and were analyzed according to County of Los Angeles Department of Public Works' accepted protocol.

As indicated above in Table 2, no TPHd, TPHg or BTEX compounds were detected in any of the soil samples except from the central boring FB5 at 15 and 20 fbg. No TPHd, TPHg or BTEX compounds were detected in boring FB5 at 25, 30, 35 or 40 fbg and none were detected in any of the step out borings (FB1-FB4) at any depths. No ethanol was detected in any of the soil samples. The only oxygenates detected were MTBE and TBA. TBA was detected at low concentrations in Boring FB5 only and MTBE was detected at very low concentrations in all borings.

Fero evaluated the potential for the TPHd, TPHg, BTEX compounds, 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 the deepest samples in which TPHd, TPHg and BTEX compounds were detected) and a general 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 2. Concentrations of TPHg, TPHd, Toluene, Ethyl Benzene and Xylene only exceed their respective soil screening levels in the sample FB5 at 15 fbg. This sample was located immediately below and proximate to sample location 2B which previously exhibited the highest concentrations of TPHg and associated compounds.

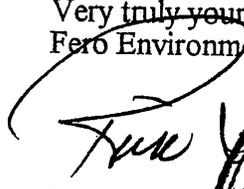
The source (underground storage tanks) of the identified TPH impacted soil has been removed; the lateral and vertical extent of the TPH impacted soil is very limited and is isolated to a zone between the former tank invert and 20 fbg. Based on the depth to groundwater, the identified TPH impacted soil does not pose a threat to groundwater and the asphalt surface and clean former excavation pit backfill at the site preclude contact with animals or humans through inhalation, ingestion or dermal contact. None of the oxygenate concentrations exceed their respective soil screening levels calculated using the RWQCB Guidance Manual and therefore do not pose a significant threat to groundwater. Fero therefore requests formal closure of the site through LADPW and a letter indicating "no further action required..." regarding the former USTs.

Mr. Erik Rodriguez  
County of Los Angeles

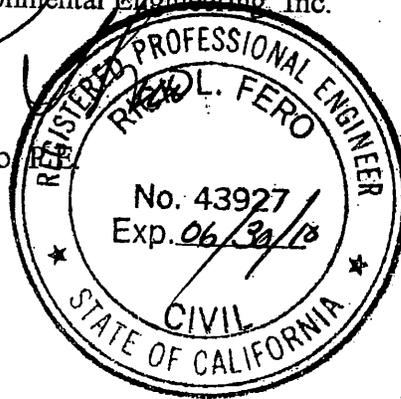
June 28, 2005

Should you have any questions or comments related to the information provided herein, please contact the undersigned at (714) 256-2737.

Very truly yours,  
Fero Environmental Engineering Inc.

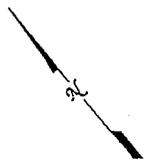


Rick L. Fero  
President



RLF:jb  
[443Phil]

150' to NW corner  
of property

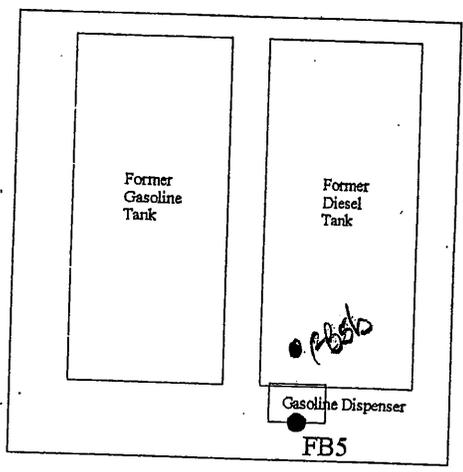


1" = 10'

FB6

318' to top of curb @ Nelson Avenue

●  
FB1



●  
FB2

FB7

●  
FB3

◆  
2C Diesel Dispenser

●  
FB4

Legend

● - Soil Sampling Locations

FB9



**FERO ENGINEERING**  
ENVIRONMENTAL ENGINEERING & CONSULTING

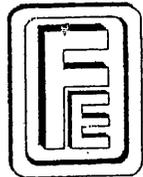
**Soil Sampling Locations**  
**Lane Stanton Vance**  
**Lumber Company**

14710 Nelson Avenue  
City of Industry, CA

Figure 1

ATTACHMENT A

Soil Boring Logs



**BORING LOG**

**PROJECT:** Industry Pacific

**JOB NO.** 04-443

**SITE:** 14710 Nelson Avenue, Industry, Ca.

**BORING FB1 SHEET 1 of 2**

**DATE** 5/27/05 **BY** J Petersen

**BORING LOCATION/CONDITIONS:** 5' north of the north end of  
the former tank pit (see Figure 1)

**SAMPLE METHOD** Drive  
Sampler

**OBSERVERS/SAMPLERS:** JBP

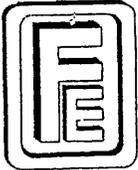
**DRILLERS:** BC2

**EQUIPMENT:** Ice Chest, Plastic Sealable Bags,  
PID for vapor sampling

**EQUIPMENT:** CME 75 Continuous  
Flight Auger Drill Rig  
with Split Spoon  
Sampler

DEPTH (FT.)	SAMPLE			USCS CLASSIFICATION	MONITORING BACKGROUND/ SAMPLE	DESCRIPTION
	BULK	UNDISTURBED	BLOWS/ FT			
0					ppm	4" Asphalt Cover
5'						
10'		X				No sample recovery (pea gravel)
15'		X	7/9	SM	0	Medium brown sandy silt, medium dense, slightly moist, no odor
20'		X				No sample recovery
25'		X	10/12	CL	0	Dark brown silty clay, stiff, moist, no odor





**BORING LOG**

PROJECT: Industry Pacific

JOB NO. 04-443

SITE: 14710 Nelson Avenue, Industry, Ca.

BORING FB2 SHEET 1 of 2

DATE 5/27/05 BY J Petersen

BORING LOCATION/CONDITIONS: 6' east of the east end of  
the former tank pit (see Figure 1)

SAMPLE METHOD Drive  
Sampler

OBSERVERS/SAMPLERS: JBP

DRILLERS: BC2

EQUIPMENT: Ice Chest, Plastic Sealable Bags,  
PID for vapor sampling

EQUIPMENT: CME 75 Continuous  
Flight Auger Drill Rig  
with Split Spoon  
Sampler

DEPTH (FT.)	SAMPLE			USCS CLASSIFICATION	MONITORING BACKGROUND/ SAMPLE	DESCRIPTION
	BULK	UNDISTURBED	BLOWS/ FT			
					ppm	4" Asphalt Cover
5'						
10'		X	4/4	ML	0	Medium brown silt, medium dense, slightly moist, no odor
15'		X	2/8	SM	0	Medium brown sandy silt, loose, slightly moist, no odor
20'		X	8/10	SM	0	Medium brown silty fine sand, medium dense, no odor
25'		X	12/13	CL	0	Dark brown silty clay, stiff, moist, no odor





BORING LOG

PROJECT: Industry Pacific

JOB NO. 04-443

SITE: 14710 Nelson Avenue, Industry, Ca.

BORING FB3 SHEET 1 of 2

DATE 5/27/05 BY J Petersen

BORING LOCATION/CONDITIONS: 16.5' S. & 8' W. of the NW corner of the former tank pit (see Figure 1) SAMPLE METHOD Drive Sampler

OBSERVERS/SAMPLERS: JBP

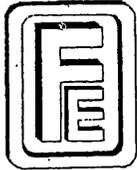
DRILLERS: BC2

EQUIPMENT: Ice Chest, Plastic Sealable Bags, PID for vapor sampling

EQUIPMENT: CME 75 Continuous Flight Auger Drill Rig with Split Spoon Sampler

DEPTH (FT.)	SAMPLE			USCS CLASSIFICATION	MONITORING BACKGROUND/ SAMPLE	DESCRIPTION
	BULK	UNDISTURBED	BLOWS/ FT			
					ppm	4" Asphalt Cover
5'						
10'		X	5/5	ML	0	Medium brown silt, medium dense, slightly moist, no odor
15'		X	7/9	SM	0	Medium brown silty fine sand, medium dense, slightly moist, no odor
20'		X	9/11	SM	0	Medium brown silty fine sand, medium dense, slightly moist, no odor
25'		X	10/12	CL	0	Dark brown silty clay, stiff, slightly moist, no odor





## BORING LOG

**FERO ENGINEERING**  
ENVIRONMENTAL ENGINEERING & CONSULTING

PROJECT: Industry Pacific

JOB NO. 04-443

SITE: 14710 Nelson Avenue, Industry, Ca.

BORING FB4 SHEET 1 of 2

DATE 5/27/05 BY J Petersen

BORING LOCATION/CONDITIONS: 15' South of former gasoline dispenser location (see Figure 1) SAMPLE METHOD Drive Sampler

OBSERVERS/SAMPLERS: JBP

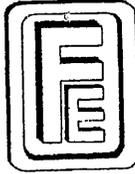
DRILLERS: BC2

EQUIPMENT: Ice Chest, Plastic Sealable Bags, PID for vapor sampling

EQUIPMENT: CME 75 Continuous Flight Auger Drill Rig with Split Spoon Sampler

DEPTH (FT.)	SAMPLE			USCS CLASSIFICATION	MONITORING BACKGROUND/ SAMPLE	DESCRIPTION
	BULK	UNDISTURBED	BLOWS/ FT			
5'					ppm	4" Asphalt Cover
10'		X	7/9	SM	0	Medium brown silty fine sand, medium dense, slightly moist, no odor
15'		X	7/10	SM	0	Medium brown silty fine sand, medium dense, slightly moist, no odor
20'		X	7/11	SM	0	Medium brown silty fine sand, medium dense, slightly moist, no odor
25'		X	9/12	CL	0	Dark brown silty clay, stiff, slightly moist, no odor





**BORING LOG**

**PROJECT:** Industry Pacific

**JOB NO.** 04-443

**SITE:** 14710 Nelson Avenue, Industry, Ca.

**BORING** FB5 **SHEET** 1 of 2

**DATE** 5/27/05 **BY** J Petersen

**BORING LOCATION/CONDITIONS:** Former gasoline dispenser location (see Figure 1)

**SAMPLE METHOD** Drive  
Sampler

**OBSERVERS/SAMPLERS:** JBP

**DRILLERS:** BC2

**EQUIPMENT:** Ice Chest, Plastic Sealable Bags, PID for vapor sampling

**EQUIPMENT:** CME 75 Continuous Flight Auger Drill Rig with Split Spoon Sampler

DEPTH (FT.)	SAMPLE			USCS CLASSIFICATION	MONITORING BACKGROUND/ SAMPLE	DESCRIPTION
	BULK	UNDISTURBED	BLOWS/ FT			
					ppm	4" Asphalt Cover
5'						
10'						
15'		X	4/6	SM	0	Olive gray silty fine sand, medium dense, slightly moist, gasoline odor
20'		X	10/12	SM	0	Tan silty fine sand, medium dense, slightly moist, no odor
25'		X	8/12	CL	0	Dark brown silty clay, stiff, slightly moist, no odor



ATTACHMENT B

Standard Exploratory Borings  
&  
Soil Sampling Protocol

## EXPLORATORY BORINGS & SOIL SAMPLING PROTOCOL

The following procedures are followed by Fero Engineering when performing exploratory borings and soil sampling utilizing a mobile drill rig equipped with hollow-stem augers, a direct push Geo-Probe rig or a three inch diameter hand operated stainless steel auger and drive sampler. The protocol directly follows or is excerpted from the California Regional Water Quality Control Board, Workplan Requirements for Initial Subsurface Engineering/Geologic Soil Investigation (Well Investigation Program), the State Water Resources Control Board, "LUFT" Field Manual, or the EPA document SW-846, Test Methods for Evaluating Solid Waste.

1. Borings shall be conducted to the desired sampling depth using either continuous flight, hollow-stem augers, direct push Geo-Probes or a three inch diameter hand operated stainless steel auger.
2. Discrete, relatively undisturbed soil samples shall be obtained using either a split spoon sampler which accommodates two to three sampling tubes or a hand operated drive sampler fitted with appropriate tubes:

Brass Tubes: 2 1/2 x 6 inches or 1 1/2 x 6 inches - for all organics, wet chemistry, physical, and metals analysis, excluding copper and zinc.

Stainless Steel Tubes: 2 1/2 x 6 inches or 1 1/2 x 6 inches - for all organics, wet chemistry, physical, and metals analysis, excluding chrome and nickel.

Plastic Tubes: 1 1/4 x 6 inches - for all organics, wet chemistry, physical, and metals analysis. Plastic tubes are for use with the Geo-Probe rig.

3. In loose soil, a sand trap is used with the hollow-stem auguring equipment to prevent soil from falling out of the sampler.
4. Upon termination, each boring shall be sealed from the bottom to grade with Bentonite grout using the tremie method as necessary.
5. The soil sampler is driven 12 to 18 inches at each sampling. Generally, the lowest sampling tube is retained for laboratory analysis. The other tubes are used either as back-up or for various analyses conducted in the field.
6. Each retained soil sample shall be secured with Teflon liners, tight fitting plastic caps, and black vinyl electrical tape. The samples shall be labeled, logged-in, and retained on-site in an ice chest containing Blue Ice or equivalent at or about 4 degrees Celsius until delivered to a State Department of Health Services certified laboratory for analysis. Samples shall be delivered to the laboratory on the same day or as soon after sampling as is practical. Undelivered samples shall be archived or stored in secure sample storage at or about 4 degrees Celsius.

7. Sample tube labels shall be marked in indelible ink with the following information:

Job Number  
Sample Number  
Boring Number and Depth  
Sampling Date & Time  
Sampler's Initials  
Tests to be Performed (if known in the field)

8. All samples shall be delivered to the laboratory in compliance with chain-of-custody procedures, accompanied by appropriate chain-of-custody documentation which indicates times, dates, and persons-in-charge from the point of sampling to release at the laboratory.
9. All auger flights and Geo-Probe rods shall be steam cleaned and all hand augers shall be cleaned with a brush and Alconox or similar surfactant, rinsed in tap water, and final rinsed with deionized water prior to use and between borings.
10. Soil sampling tubes shall be cleaned with a brush and Alconox or similar surfactant, rinsed in tap water, final rinsed with deionized water, and delivered to the site in a sealed container to preclude contamination prior to use. Soiled sampling tubes may be reused on-site by following the previous cleaning procedures in the field.
11. Following removal of sampling tubes from the sampler, the sampler shall be completely disassembled and cleaned with a brush and Alconox or similar surfactant, rinsed in tap water, final rinsed with deionized water (if necessary) and reassembled with the appropriate number of clean tubes.
12. All borings shall be logged to provide characteristics of unconsolidated material per Unified Soil Classification System as well as all other appropriate information.
13. A California registered geologist or engineer or a certified engineering geologist with five years soils or Hydrogeologic experience shall direct or conduct the investigations and properly sign off the final report.
14. Soil cuttings and non-reusable drilling wastes shall be temporarily impounded on-site (observing applicable regulations related to waste storage) either in sealable labeled 55 gallon drums or in bulk storage in properly prepared areas, depending on the status of the site, and secured from random access. Custody of the drums, cuttings, and wastes shall remain with the client at all times.
15. Should analytical testing indicate the wastes constitute a "hazardous waste", the client shall be so notified and advised of the lawful means of disposal or treatment of the wastes.

ATTACHMENT C

Health and Safety Plan

**FERO ENGINEERING PROJECT SITE SAFETY PLAN**

**1.0 GENERAL INFORMATION**

**Original Site Safety Plan:** Yes (X) No ( ) Rev. No. \_\_\_\_\_

**Project Number:** 04-0443a **Project Manager:** Rick L. Fero

**Project Name:** Industry Pacific, Inc.

**Site Name:** Industry Pacific, Inc.

**Site Address:** 14710 Nelson Ave.

**Site History:** The site consists of a Lumber Yard. The area under investigation is the location of former underground gasoline and diesel tanks.

**Work Description:** Soil Sampling; Hollow Stem Auger Rig. The work will be performed proximate to the former tank pit area.

**Plan Prepared By:** John Petersen

**Date:** 12/16/04

**Work Start Date:** 1/05

**Work Hours:** 8 a.m. to 5 p.m.

**Thomas Guide Coordinates:** Page 638/ B5

**Client/Site Contact/Phone:** Industry Pacific, Inc., (626) 968-8331

**Contractor/Site Contact/Phone:** Fero, John Petersen, (714) 624-7281

**Client Site Safety Officer:** N/A

**Fero Engineering Site Safety Officer:** Rick L. Fero

**Source/Age of Information:** Plot showing former tank locations

**Incident/Site Description:** Potential Soil Hydrocarbons

**Physical Description of Facility:** Lumber Yard

**Describe Special Site Entry Procedures:** None

**Operation Description of Facility:** Currently Active

**Site Status:** Active (X) Inactive ( )

**Evacuation**

**Need to Evacuate Nearby People:** Yes ( ) No ( ) N/A (X)

**Evacuation Distance:** N/A

**Warning Method/Signal for Site Evacuation:** Verbal

**Initiated By:** Client

**Officials Present and Capacity:** County DPW

**Presence of Hazardous Materials:** Potential (X) Confirmed ( )

**Location of Hazardous Materials:** Identified ( ) Assumed (X) Unknown ( )

**Number of Feet to Nearest Right of Way:** 600 feet

**Distance, Location, & Number of Nearest Phone:** Mobile On-site

**Nearest Public Road:** 600 feet.

**Nearest Water:** 20 feet

**Nearest Fire Extinguisher:** Heavy Equipment Contractor

## 2.0 HAZARD INFORMATION

### Health Hazard:

<u>Material</u>	<u>Body Entry Route</u>	<u>Symptoms</u>
Petroleum Hydrocarbons	Inhalation/ Ingestion/Contact	Dizziness drowsiness; headache; nausea; eye irritation, nose, throat irritation; dry, cracked skin
Toluene	Inhalation/Ingestion Absorption/Contact	Dizziness; Weak; Headache Diluted Pupils Muscle Fatigue
Xylenes	Inhalation/Ingestion Absorption/Contact	Dizziness; Excitement; Drowsiness, incoherent, Staggering gait; Irritation eyes, nose, throat; nausea, vomit, abdom. pain
Ethylbenzene	Inhalation/Ingestion Absorption/Contact	Irit. eyes, muc memb; head; dermat; narco, coma

**First Aid:** Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration, if breathing is difficult, give oxygen. In case of contact with contaminated material, flush with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site. First aid kit located in Fero Environmental Engineering truck.

### Material Exposure Information:

<u>Material</u>	<u>PEL</u>	<u>IDLH</u>
Ethylbenzene	100 ppm	2000 ppm
Xylenes	100 ppm	1000 ppm
Toluene	100 ppm	2000 ppm

**PEL** - Permissible exposure limit over an 8 hour time weighted average to which any employee may be exposed.

**IDLH** - Immediately dangerous to life or health level representing a maximum concentration from which one could escape within 30 minutes without any escape impairing symptoms or any irreversible health effects.

Potential Acute Toxicity: See above

Hazard Type: Liquid ( ) Solid (X) Vapor/Gas (X) Sludge ( )

Anticipated Hazard Level: High ( ) Moderate ( ) Low (X) Unknown ( )

Site Monitoring Equipment: Gasport - calibrated to Methane

Heat Stress Conditions: Yes ( ) No (X)

Dust Monitoring: Yes ( ) No (X)

Air Monitoring Protocol: Monitor breathing zone of persons nearest the source of contamination with PID.

Conditions for Suspension of Work: Determination of an ambient air concentration of > 100ppm using PID.

Potential Site Physical Hazards: Heavy equipment operation.

### 3.0 PERSONAL PROTECTION

Level of Protection Planned: D - Hard hat, (dry) coverall or Tyvek/(wet) Saranex, (dry) safety glasses/(wet) goggles, (dry/wet) Nitrile gloves, (dry) steel toe boots/(wet) Neoprene steel toe boots.

Conditions to Upgrade to Level B: Exceedance of the lowest PEL 100 ppm and work is to continue. Level B contingency equipment includes: organic vapor respirators with half face masks.

Instruction for Disposal of Contaminated Materials: Excavated soils and contaminated clothing which is to be discarded shall be contained onsite in DOT approved 55 gallon drums until a determination is made as to the level of contamination. In the event that contaminated materials require off-site disposal or treatment, they shall be transported by a certified waste hauler under proper manifesting and vehicle placarding.

### 4.0 EMERGENCY PLANNING

Police Department: 911

Fire Department: 911

Local Airport:

Air Evacuation: N/A

Local Hospital:

Citrus Valley Medical Center  
1115 South Sunset Ave.  
West Covina (see attached Thomas Guide page 638/E1)

(626/962-4011)

Fero Environmental Engineering Office Contact: John Petersen (will be onsite)

**HEALTH AND SAFETY PLAN SIGNATURE FORM**

Site Name    Industry Pacific

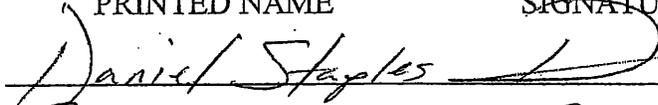
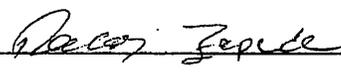
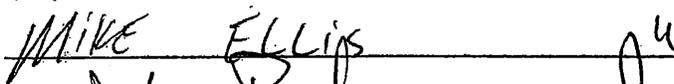
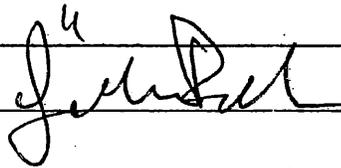
Job Number: 00-0364

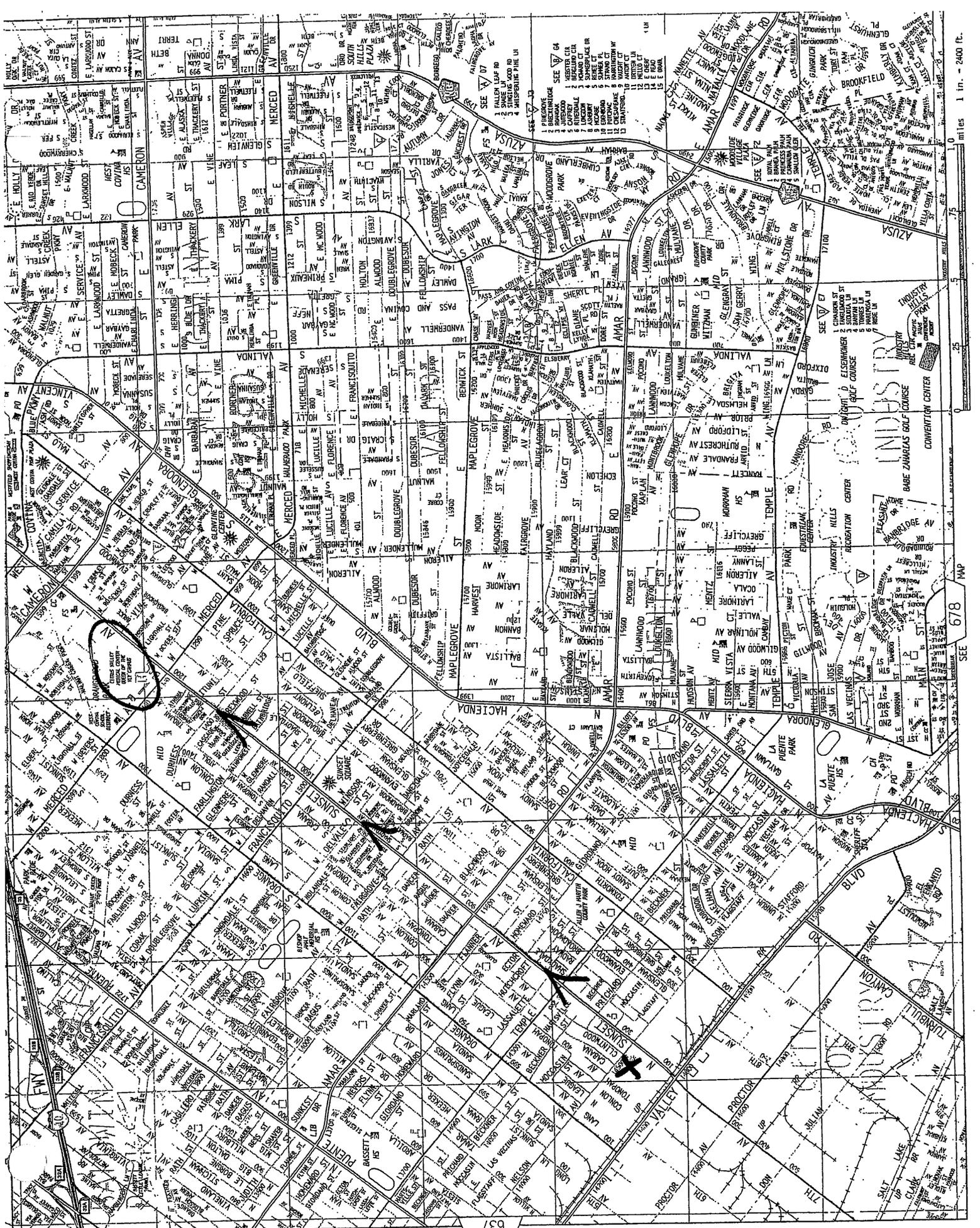
Region:      L.A. County

Location:    14710 Nelson Ave.  
City of Industry, Ca.

Field personnel are required to receive a copy of the final health and safety plan (HSP) for the above referenced work site. The project manager is responsible for distribution of this document to all involved personnel and to discuss areas of concern identified in the document prior to initiating operations at the site. All personnel directly involved with field operations at the referenced site must sign this form indicating their access to, review of, and agreement to compliance with measures outlined in the HSP. All individuals signing this form must be capable, through training, of successfully performing operations specified within the HSP. -The original of this form is made a permanent part of the project file.

I have reviewed, understand, and agree to comply with the provisions of the health and safety plan for the above referenced site during conduct of activities on this project.

	PRINTED NAME	SIGNATURE	DATE
1.	Daniel Staples		5-27-05
2.	Ramon Zepeda		5-27-05
3.	MIKE ELLIS		u
4.	John Peterson		u
5.			
6.			
7.			
8.			



1 in. = 2400 ft.  
0 0.25 0.5 0.75 1 miles

SEE 678 MAP

637  
MMP  
SEE

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ATTACHMENT D

Laboratory Data Sheets  
&  
Chain of Custody Documentation

**Enviro - Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: June 3, 2005

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: **Industry Pacific / 04-443a**

Dear Mr. Petersen:

The **analytical results** for the soil samples, received by our lab on May 27, 2005, 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.

1214 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: Industry Pacific / 04-443a

MATRIX: SOIL

DATE SAMPLED: 05/27/05

REPORT TO: MR. JOHN PETERSEN

DATE RECEIVED: 05/27/05

DATE ANALYZED: 05/28-29/05

DATE REPORTED: 06/03/05

TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE ANALYSIS

(C4-C10 HYDROCARBONS); PAGE 1 OF 2

METHOD: EPA 5035/8015M

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	TPH-GASOLINE RESULT	DF
FB1-15'	050527-92	ND	1
FB1-25'	050527-93	ND	1
FB1-30'	050527-94	ND	1
FB1-35'	050527-95	ND	1
FB1-40'	050527-96	ND	1
FB2-10'	050527-97	ND	1
FB2-15'	050527-98	ND	1
FB2-20'	050527-99	ND	1
FB2-25'	050527-100	ND	1
FB2-30'	050527-101	ND	1
FB2-35'	050527-102	ND	1
FB2-40'	050527-103	ND	1
FB3-10'	050527-104	ND	1
FB3-15'	050527-105	ND	1
FB3-20'	050527-106	ND	1
FB3-25'	050527-107	ND	1
FB3-30'	050527-108	ND	1
FB3-35'	050527-109	ND	1
FB3-40'	050527-110	ND	1
Method Blank	---	ND	1

PQL

0.1

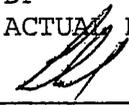
COMMENTS

PQL = PRACTICAL QUANTITATION LIMIT

DF = DILUTION FACTOR

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

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

LABORATORY REPORT

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

PROJECT: Industry Pacific / 04-443a
MATRIX: SOIL
DATE RECEIVED: 05/27/05
DATE SAMPLED: 05/27/05
DATE ANALYZED: 05/28-31/05
REPORT TO: MR. JOHN PETERSEN
DATE REPORTED: 06/03/05

TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE ANALYSIS
(C4-C10 HYDROCARBONS); PAGE 2 OF 2
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 samples FB4-10' through FB5-40' and a Method Blank. Results range from ND to 5450 and 10000.

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

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

# Gas/BTEX QC

Date Analyzed: 5/27-28/2005

Units: mg/Kg (PPM)

Matrix: SOLID

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

Spiked Sample Lab I.D.: 050527-19

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %REC	ACP %RPD
Gasoline	0.000	0.500	0.467	93%	0.465	93%	0%	75-125	<20%
Benzene	0.000	0.050	0.049	98%	0.049	98%	0%	75-125	<20%
Toluene	0.000	0.050	0.051	102%	0.049	98%	4%	75-125	<20%
Ethylbenzene	0.000	0.050	0.051	102%	0.051	102%	0%	75-125	<20%

## LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
Gasoline	0.500	0.452	90%	75-125
Benzene	0.050	0.049	98%	75-125
Toluene	0.050	0.051	102%	75-125
Ethylbenzene	0.050	0.051	102%	75-125

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	0527-18	0527-19	0527-20	0527-21	0527-22	0527-23	0527-25
BFB	70-130	95%	99%	97%	100%	93%	99%	100%	102%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		0527-26	0527-27	0527-28	0527-29	0527-30	0527-31	0527-32	0527-33
BFB	70-130	102%	98%	99%	101%	105%	100%	97%	97%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		0527-34	0527-92	0527-93	0527-94	0527-95
BFB	70-130	98%	105%	104%	106%	105%

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

\* = Surrogate fail due to matrix interference (If marked)

Note: LCS, MS, MSD are in control therefore results are in control.

Analyzed and Reviewed By: Ed

Final Reviewer: Q

73

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

# Gas/BTEX QC

Date Analyzed: 5/28-29/2005

Units: mg/Kg (PPM)

Matrix: Solid

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

Spiked Sample Lab I.D.: **050527-96**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %REC	ACP %RPD
Gasoline	0.00	0.500	0.437	87%	0.423	85%	3%	75-125	<20%
Benzene	0.00	0.050	0.045	90%	0.049	98%	9%	75-125	<20%
Toluene	0.00	0.050	0.049	98%	0.051	102%	4%	75-125	<20%
Ethylbenzene	0.00	0.050	0.048	96%	0.050	100%	4%	75-125	<20%

## LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
Gasoline	0.500	0.437	87%	75-125
Benzene	0.050	0.048	96%	75-125
Toluene	0.050	0.050	100%	75-125
Ethylbenzene	0.050	0.050	100%	75-125

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	0527-96	0527-97	0527-98	0527-99	0527-100	0527-101	0527-102
BFB	70-130	99%	105%	105%	106%	106%	107%	109%	107%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		0527-103	0527-104	0527-105	0527-106	0527-107	0527-108	0527-109	0527-110
BFB	70-130	106%	108%	106%	109%	108%	102%	104%	106%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		0527-111	0527-112	0527-113	0527-114	0527-115
BFB	70-130	106%	102%	105%	107%	105%

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: JA

Final Reviewer: [Signature]

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

# Gas/BTEX QC

Units: mg/Kg (PPM)

Date Analyzed: 5/31/2005

Matrix: Solid

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

Spiked Sample Lab I.D.: 050527-116

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %REC	ACP %RPD
Gasoline	0.000	0.500	0.532	106%	0.521	104%	2%	75-125	<20%
Benzene	0.000	0.050	0.049	98%	0.051	102%	4%	75-125	<20%
Toluene	0.000	0.050	0.053	106%	0.054	108%	2%	75-125	<20%
Ethylbenzene	0.000	0.050	0.054	108%	0.056	112%	4%	75-125	<20%

## LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
Gasoline	0.500	0.545	109%	75-125
Benzene	0.050	0.047	94%	75-125
Toluene	0.050	0.055	110%	75-125
Ethylbenzene	0.050	0.054	108%	75-125

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	0527-116	0527-117	0527-118	0527-119	0527-120	0527-121	0527-122
BFB	70-130	93%	110%	107%	99%	108%	104%	110%	109%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		0527-123							
BFB	70-130	107%							

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

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

\* = Surrogate fail due to matrix interference (If marked)

Note: LCS, MS, MSD are in control therefore results are in control.

Analyzed and Reviewed By: [Signature]

Final Reviewer: [Signature]



Enviro - Chem, Inc.

1214 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: Industry Pacific / 04-443a DATE RECEIVED: 05/27/05
MATRIX: SOIL DATE EXTRACTED: 05/30/05
DATE SAMPLED: 05/27/05 DATE ANALYZED: 05/30-31/05
REPORT TO: MR. JOHN PETERSEN DATE REPORTED: 06/03/05

TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL ANALYSIS
(C10-C22 HYDROCARBONS); PAGE 2 OF 2
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 FB4-10' through FB5-40' and a Method Blank. Results are mostly ND, with FB5-15' showing 3680. PQL is 10.

COMMENTS

PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
\* = PQL RAISED DUE TO MATRIX INTERFERENCE

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

(1/2)

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015M Soil/Solid QC

Date Analyzed: 5/30/2005

Units: mg/Kg (PPM)

Matrix: Solids

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

Spiked Sample Lab I.D.: **050527-115**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
DIESEL	0	2500	2561	102%	2462	98%	4%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
DIESEL	200	211	106%	75-125

Analyzed and Reviewed By: KL

Final Reviewer: 

(4/2)

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

### 8015M Soil/Solid QC

Date Analyzed: 5/31/2005

Units: mg/Kg (PPM)

Matrix: Solids

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

Spiked Sample Lab I.D.: **050527-101 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
DIESEL	0	2500	2487	99%	2453	98%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
DIESEL	200	215	108%	75-125

Analyzed and Reviewed By: KL

Final Reviewer: [Signature]

**Enviro - Chem, Inc.**

1214 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: Industry Pacific / 04-443a

MATRIX: SOIL

DATE RECEIVED: 05/27/05

DATE SAMPLED: 05/27/05

DATE ANALYZED: 05/27-28/05

REPORT TO: MR. JOHN PETERSEN

DATE REPORTED: 06/03/05

EPA 5035/8260B FOR BTEX; PAGE 1 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
FB1-15'	050527-92	ND	ND	ND	ND	1
FB1-25'	050527-93	ND	ND	ND	ND	1
FB1-30'	050527-94	ND	ND	ND	ND	1
FB1-35'	050527-95	ND	ND	ND	ND	1
FB1-40'	050527-96	ND	ND	ND	ND	1
FB2-10'	050527-97	ND	ND	ND	ND	1
FB2-15'	050527-98	ND	ND	ND	ND	1
FB2-20'	050527-99	ND	ND	ND	ND	1
FB2-25'	050527-100	ND	ND	ND	ND	1
FB2-30'	050527-101	ND	ND	ND	ND	1
FB2-35'	050527-102	ND	ND	ND	ND	1
FB2-40'	050527-103	ND	ND	ND	ND	1
FB3-10'	050527-104	ND	ND	ND	ND	1
FB3-15'	050527-105	ND	ND	ND	ND	1
FB3-20'	050527-106	ND	ND	ND	ND	1
FB3-25'	050527-107	ND	ND	ND	ND	1
FB3-30'	050527-108	ND	ND	ND	ND	1
FB3-35'	050527-109	ND	ND	ND	ND	1
FB3-40'	050527-110	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1

PQL                      0.005      0.005      0.005      0.010

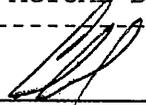
**COMMENTS:**

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

Enviro - Chem, Inc.

1214 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: Industry Pacific / 04-443a
MATRIX: SOIL
DATE SAMPLED: 05/27/05
REPORT TO: MR. JOHN PETERSEN

DATE RECEIVED: 05/27/05
DATE ANALYZED: 05/27-06/01/05
DATE REPORTED: 06/03/05

EPA 5035/8260B FOR BTEX; PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: SAMPLE I.D., LAB I.D., BENZENE, TOLUENE, ETHYL-BENZENE, TOTAL XYLENES, DF. Rows include samples FB4-10' through FB5-40' and a Method Blank. PQL values are listed at the bottom: 0.005 for Benzene, Toluene, Ethyl-Benzene, and 0.010 for Total Xylenes.

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: [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

**LABORATORY REPORT**

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

PROJECT: Industry Pacific / 04-443a

MATRIX: SOIL

DATE RECEIVED: 05/27/05

DATE SAMPLED: 05/27/05

DATE ANALYZED: 05/27-28/05

REPORT TO: MR. JOHN PETERSEN

DATE REPORTED: 06/03/05

EPA 5035/8260B FOR FUEL OXYGENATES; PAGE 1 OF 2  
 UNITS: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
FB1-15'	050527-92	ND	ND	ND	ND	ND	1
FB1-25'	050527-93	ND	ND	0.011	ND	ND	1
FB1-30'	050527-94	ND	ND	0.025	ND	ND	1
FB1-35'	050527-95	ND	ND	0.037	ND	ND	1
FB1-40'	050527-96	ND	ND	ND	ND	ND	1
FB2-10'	050527-97	ND	ND	ND	ND	ND	1
FB2-15'	050527-98	ND	ND	ND	ND	ND	1
FB2-20'	050527-99	ND	ND	ND	ND	ND	1
FB2-25'	050527-100	ND	ND	ND	ND	ND	1
FB2-30'	050527-101	ND	ND	0.015	ND	ND	1
FB2-35'	050527-102	ND	ND	ND	ND	ND	1
FB2-40'	050527-103	ND	ND	ND	ND	ND	1
FB3-10'	050527-104	ND	ND	ND	ND	ND	1
FB3-15'	050527-105	ND	ND	ND	ND	ND	1
FB3-20'	050527-106	ND	ND	ND	ND	ND	1
FB3-25'	050527-107	ND	ND	0.017	ND	ND	1
FB3-30'	050527-108	ND	ND	0.042	ND	ND	1
FB3-35'	050527-109	ND	ND	0.007	ND	ND	1
FB3-40'	050527-110	ND	ND	0.005	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

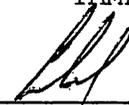
ETBE = ETHYL tert-BUTYL ETHER

DIPE = ISOPROPYL ETHER

MTBE = METHYL tert-BUTYL ETHER

TAME = TERT-AMYL METHYL ETHER

TBA = TERTIARY BUTYL ALCOHOL

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

**LABORATORY REPORT**

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

PROJECT: Industry Pacific / 04-443a

MATRIX: SOIL

DATE RECEIVED: 05/27/05

DATE SAMPLED: 05/27/05

DATE ANALYZED: 05/27-06/01/05

REPORT TO: MR. JOHN PETERSEN

DATE REPORTED: 06/03/05

EPA 5035/8260B FOR FUEL OXYGENATES; PAGE 2 OF 2

UNITS: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
FB4-10'	050527-111	ND	ND	ND	ND	ND	1
FB4-15'	050527-112	ND	ND	ND	ND	ND	1
FB4-20'	050527-113	ND	ND	ND	ND	ND	1
FB4-25'	050527-114	ND	ND	0.027	ND	ND	1
FB4-30'	050527-115	ND	ND	0.007	ND	ND	1
FB4-35'	050527-116	ND	ND	ND	ND	ND	1
FB4-40'	050527-117	ND	ND	ND	ND	ND	1
FB5-15'	050527-118	ND	ND	ND	ND	ND	1000
FB5-20'	050527-119	ND	ND	ND	ND	ND	1
FB5-25'	050527-120	ND	ND	ND	ND	ND	1
FB5-30'	050527-121	ND	ND	0.093	ND	0.113	1
FB5-35'	050527-122	ND	ND	0.005	ND	0.050	1
FB5-40'	050527-123	ND	ND	0.006	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

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

## LABORATORY REPORT

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

PROJECT: Industry Pacific / 04-443a

MATRIX: SOIL

DATE SAMPLED: 05/27/05

REPORT TO: MR. JOHN PETERSEN

DATE RECEIVED: 05/27/05

DATE ANALYZED: 05/28/05

DATE REPORTED: 06/03/05

EPA 8260B (DIRECT INJECTION) FOR ALCOHOLS; PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETHANOL	DF
FB1-15'	050527-92	ND	1
FB1-25'	050527-93	ND	1
FB1-30'	050527-94	ND	1
FB1-35'	050527-95	ND	1
FB1-40'	050527-96	ND	1
FB2-10'	050527-97	ND	1
FB2-15'	050527-98	ND	1
FB2-20'	050527-99	ND	1
FB2-25'	050527-100	ND	1
FB2-30'	050527-101	ND	1
FB2-35'	050527-102	ND	1
FB2-40'	050527-103	ND	1
FB3-10'	050527-104	ND	1
FB3-15'	050527-105	ND	1
FB3-20'	050527-106	ND	1
FB3-25'	050527-107	ND	1
FB3-30'	050527-108	ND	1
FB3-35'	050527-109	ND	1
FB3-40'	050527-110	ND	1
Method Blank	---	ND	1

PQL

10

### 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

Enviro - Chem, Inc.

1214 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: Industry Pacific / 04-443a

MATRIX:SOIL

DATE RECEIVED:05/27/05

DATE SAMPLED:05/27/05

DATE ANALYZED:05/28/05

REPORT TO:MR. JOHN PETERSEN

DATE REPORTED:06/03/05

EPA 8260B (DIRECT INJECTION) FOR ALCOHOLS; PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ETHANOL, DF. Rows include FB4-10' through FB5-40' and Method Blank, all showing ND for ethanol and 1 for DF.

PQL 10

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: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

8260B QA/QC Report



Date Analyzed: 5/27-28/2005  
 Line: A

Matrix: Solid/Sludge  
 Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)  
 Spiked Sample Lab I.D.: 050527-96

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.051	102%	0.051	101%	1%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.049	97%	1%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.050	100%	0.049	99%	1%	75-125	0-20
Toluene	0	0.050	0.050	99%	0.049	98%	1%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.046	91%	0.045	90%	1%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.054	108%	75-125
Chlorobenzene	0.050	0.049	99%	75-125
Chloroform	0.050	0.048	97%	75-125
1,1-Dichloroethene	0.050	0.047	94%	75-125
Ethylbenzene	0.050	0.049	99%	75-125
m-Xylene	0.050	0.049	98%	75-125
1,p-Xylene	0.100	0.095	95%	75-125
Toluene	0.050	0.054	108%	75-125
1,1,1-Trichloroethane	0.050	0.052	105%	75-125
Trichloroethene (TCE)	0.050	0.047	94%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.				0527-94	0527-95	0527-96	0527-97	0527-98	0527-99
Dibromofluoromethane	50.0	70-130	98%	102%	102%	103%	99%	101%	100%
Toluene-d8	50.0	70-130	102%	102%	100%	101%	102%	101%	103%
m-Bromofluorobenzene	50.0	70-130	101%	102%	101%	102%	102%	100%	102%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0527-100	0527-101	0527-102	0527-119			
Dibromofluoromethane	50.0	70-130	99%	105%	101%	97%			
Toluene-d8	50.0	70-130	102%	104%	101%	101%			
m-Bromofluorobenzene	50.0	70-130	96%	100%	101%	101%			

Surrogate Recovery	spk conc	ACP %RC	%RC						
Sample I.D.									
Dibromofluoromethane	50.0	70-130							
Toluene-d8	50.0	70-130							
m-Bromofluorobenzene	50.0	70-130							

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

S.R. = Sample Results

%RC = Percent Recovery

spk conc = Spike Concentration

ACP %RC = Accepted Percent Recovery

Matrix Spike

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: Winnie

Final Reviewer: [Signature]

Date Analyzed: 05/28/2005  
 Line: A

Matrix: Solid/Sludge  
 Unit: mg/Kg (PPM)

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

Spike Sample Lab I.D.: 050527-112

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.057	114%	0.054	107%	7%	75-125	0-20
Chlorobenzene	0	0.050	0.054	107%	0.057	113%	6%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.051	102%	0.051	103%	0%	75-125	0-20
Toluene	0	0.050	0.055	110%	0.051	102%	7%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.050	100%	0.048	96%	4%	75-125	0-20

**Lab Control Spike (LCS):**

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.054	108%	75-125
Chlorobenzene	0.050	0.052	104%	75-125
Chloroform	0.050	0.053	106%	75-125
1,1-Dichloroethene	0.050	0.052	103%	75-125
Ethylbenzene	0.050	0.052	105%	75-125
o-Xylene	0.050	0.052	105%	75-125
m,p-Xylene	0.100	0.102	102%	75-125
Toluene	0.050	0.054	107%	75-125
1,1,1-Trichloroethane	0.050	0.047	94%	75-125
Trichloroethene (TCE)	0.050	0.047	94%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.				0527-92	0527-93	0527-103	0527-104	0527-105	0527-106
Dibromofluoromethane	50.0	70-130	99%	98%	99%	100%	98%	99%	100%
Toluene-d8	50.0	70-130	102%	92%	98%	102%	98%	100%	100%
4-Bromofluorobenzene	50.0	70-130	101%	87%	93%	100%	96%	94%	99%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0527-107	0527-108	0527-109	0527-110	0527-111	0527-112	0527-113
Dibromofluoromethane	50.0	70-130	97%	101%	99%	102%	101%	102%	101%
Toluene-d8	50.0	70-130	102%	87%	102%	98%	99%	97%	95%
4-Bromofluorobenzene	50.0	70-130	96%	83%	96%	92%	92%	95%	94%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0527-114	0527-115	0527-116	0527-117	0527-120	0527-121	
Dibromofluoromethane	50.0	70-130	102%	101%	102%	104%	101%	100%	
Toluene-d8	50.0	70-130	102%	103%	102%	98%	103%	98%	
4-Bromofluorobenzene	50.0	70-130	100%	98%	99%	98%	98%	89%	

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

S.R. = Sample Results

%RC = Percent Recovery

spk conc = Spike Concentration

ACP %RC = Accepted Percent Recovery

MS = Matrix Spike

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: Winnie

Final Reviewer: [Signature]

3/3

Date Analyzed: 5/28-29/2005  
 Line: A

Matrix: Solid/Sludge  
 Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)  
 Spiked Sample Lab I.D.: 050527-LCS1/2

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.053	106%	0.052	104%	3%	75-125	0-20
Chlorobenzene	0	0.050	0.052	105%	0.050	100%	4%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.055	109%	0.051	101%	8%	75-125	0-20
Toluene	0	0.050	0.052	104%	0.051	102%	2%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.049	99%	0.049	98%	1%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.057	114%	75-125
Chlorobenzene	0.050	0.057	114%	75-125
Chloroform	0.050	0.058	116%	75-125
1,1-Dichloroethene	0.050	0.057	114%	75-125
Ethylbenzene	0.050	0.057	114%	75-125
o-Xylene	0.050	0.058	115%	75-125
m,p-Xylene	0.100	0.112	112%	75-125
Toluene	0.050	0.054	108%	75-125
1,1,1-Trichloroethane	0.050	0.053	105%	75-125
Trichloroethene (TCE)	0.050	0.053	105%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.				0527-118	0527-122	0527-123			
Dibromofluoromethane	50.0	70-130	100%	99%	106%	101%			
Toluene-d8	50.0	70-130	101%	101%	100%	102%			
4-Bromofluorobenzene	50.0	70-130	102%	99%	96%	102%			

Surrogate Recovery	spk conc	ACP %RC	%RC						
Sample I.D.									
Dibromofluoromethane	50.0	70-130							
Toluene-d8	50.0	70-130							
4-Bromofluorobenzene	50.0	70-130							

Surrogate Recovery	spk conc	ACP %RC	%RC						
Sample I.D.									
Dibromofluoromethane	50.0	70-130							
Toluene-d8	50.0	70-130							
4-Bromofluorobenzene	50.0	70-130							

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

S.R. = Sample Results

%RC = Percent Recovery

spk conc = Spike Concentration

ACP %RC = Accepted Percent Recovery

MS = Matrix Spike

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: Winnie

Final Reviewer: [Signature]



**Enviro-CI, 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)  
 Other:

TPH 805 m  
 TPH " "  
 BTEX, MTBE  
 OXYGENATED  
 PETHANOL  
 8260B

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required	COMMENTS
FB3-20'	050527-106	5/27/05	9:50	SOIL	6			X	* see Bud
FB3-25'	-107		9:55					X	* Gasoline odor
FB3-30'	-108		10:00					X	
FB3-35'	-109		10:05					X	
FB3-40'	-110		10:10					X	
FB4-10'	-111		10:20					X	
FB4-15'	-112		10:25					X	
FB4-20'	-113		10:30					X	
FB4-25'	-114		10:35					X	
FB4-30'	-115		10:40					X	
FB4-35'	-116		10:45					X	
FB4-40'	-117		10:50					X	
FB5-15'	-118		11:30					X	
FB5-20'	-119		11:35					X	
FB5-25'	-120		11:40					X	

Company Name: **Fero Eng**  
 Address: **Brea CA**  
 City/State/Zip: **Brea CA**  
 Relinquished by: *[Signature]*  
 Relinquished by: *[Signature]*  
 Relinquished by: *[Signature]*

Project Contact: **Sohn-Petersen**  
 Project Name/ID: **71A2562237**  
 Tel: **7142562237**  
 Sampler's Signature: *[Signature]*  
 Project Name/ID: **Industry Pacific 64-4439**

Instructions for Sample Storage After Analysis:  
 Dispose of  Return to Client  Store (30 Days)  
 Other:  
 Date & Time: **5/27/05 13:10**  
 Date & Time: **5/27/05 13:21**  
 Date & Time:

**CHAIN OF CUSTODY RECORD**

WHITE WITH SAMPLE - YELLOW TO CLIENT

Date: **5/27/05**

