RO 2513
SWI Report

W. A. Craig, Inc.

Construction & Engineering

'ESTIGATION REPORT

Dr. Garfinkle
Here are files from WA Craig - give them to your contractor for them to submit to County - All soil borings were completed.
Fred

PROJECT SITE:
lamp Swing Pricing Company
515 Blanding Avenue
meda, California 94501
Site No. RO0002513

Send to

- Send electronically
- Need to find this Link

PREPARED FOR:
fr. Wilfred Garfinkle
/o Dr. Jay Garfinkle
352 Capetown Drive
Alameda, California 94501

SUBMITTED TO:
Mr. Steven Plunkett
Department of Environmental Health
bor Bay Parkway, Suite 250
meda, California 94502

Suggest you contact
ERRG - 925-969-0750
& e2M - Chris Metzger
916-852-7792
I called Steve Plunkett to let him know circumstances

PREPARED BY:
W.A. Craig, Inc.
940 Tremont Road
on, California 95620
& Haz Lic. No. 455752

Project No. 4287

January 22, 2007

W. A. Craig, Inc.

Construction & Engineering

SITE INVESTIGATION REPORT

PROJECT SITE:
Former Clamp Swing Pricing Company
2515 Blanding Avenue
Alameda, California 94501
Site No. RO0002513

Email to

- Send electronically
- Need to find this Link

PREPARED FOR:
Mr. Wilfred Garfinkle
c/o Dr. Jay Garfinkle
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SUBMITTED TO:
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Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
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A, B, & Haz Lic. No. 455752

Project No. 4287

January 22, 2007

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INTRODUCTION

The objective of the Site Investigation is to delineate the horizontal and vertical extent of hydrocarbon contamination in the vicinity of a 300-gallon gasoline underground storage tank (UST) formerly located at 2515 Blanding Avenue, Alameda, California (the "Site"). Mr. Wilfred Garfinkle owned the UST and the property and is the responsible party for the Site. The Alameda County Department of Environmental Health (ACDEH) is the lead regulatory agency for the investigation.

Five soil borings were advanced in areas near the former UST for this project on November 27, 2006. Discrete soil and groundwater samples were collected from the borings.

Site Location and Description

The Site is located on the northeast corner of Blanding Avenue and Everett Street in a commercial and industrial area of Alameda Island, Alameda County. The Site location is shown on **Figure 1**. The Site was reportedly operated as a light manufacturing plant until 1998 and is currently being remodeled to be used as a mixed commercial/residential development.

The Site is relatively flat with a slight regional slope to the east, towards the Tidal Canal that separates Alameda from Oakland. The Tidal Canal is the nearest surface water and is approximately 350 feet east of the Site.

An engineering and production company is located on the property north of the Site. Other properties in the vicinity of the Site include commercial developments. Site features, and previous sample locations are depicted on **Figure 2**.

The static depth to groundwater in the UST excavation was reported as 4.5 feet below grade (fbg) on November 27, 2002. The presumed direction of groundwater flow is east-southeast, towards the Tidal Canal. Site soils are anticipated to be primarily silts, clays and sandy-clays.

Site Background

On September 12, 2002, Golden Gate Tank Removal Inc. excavated and removed the UST. The UST was estimated to be approximately 60-80 years old and was not in use at the time it was removed. The UST was a 300-gallon single-walled steel tank that formerly contained gasoline. The tank was reportedly in fair condition with no visible holes. Soils were dark gray to black clays. Water was not encountered in the tank excavation. A petroleum odor and evidence of hydrocarbon staining were noted during the removal. Following UST removal, two soil samples were collected from the tank excavation bottom. A soil sample collected from the center of the UST pit, at approximately 8 fbg, at the time the UST was removed, yielded total petroleum hydrocarbons as gasoline (TPH-g) at a concentration 0.579 milligrams per kilogram (mg/kg),

toluene at 0.005 mg/kg, ethylbenzene at 0.009 mg/kg, and xylenes at 0.027 mg/kg. A sample collected from the soil stockpile excavated from above and around the UST yielded TPH-g at 50.1 mg/kg, toluene at 0.012 mg/kg, ethylbenzene at 0.008 mg/kg, and xylenes at 0.034 mg/kg. Benzene and methyl tert-butyl ether (MtBE) were not detected in either soil sample. At the direction of the ACDEH, the excavation was backfilled after removing the UST.

After reviewing the analytical results, the ACDEH requested additional excavation and sampling. The UST pit was re-opened and over-excavated in November of 2002. A soil sample from the northern sidewall at 6 fbg yielded 1,450 mg/kg of TPH-g and 13 mg/kg of toluene. A grab sample collected from water in the excavation yielded 890 micrograms per liter (µg/L) of TPH-g. Low levels (<8 µg/L) of ethylbenzene, toluene, and xylenes were detected in the water sample. Fuel oxygenates and additives, including MtBE, were not detected.

Based on the elevated hydrocarbon concentrations remaining in Site soils, additional excavation was performed on January 3, 2003. A sample collected from the northern wall of the excavation at 10 fbg did not yield detectable concentrations of petroleum hydrocarbons. However, a sample from the eastern wall at 6 fbg yielded TPH-g at 9.16 mg/kg, diesel range organics at 105 mg/kg, and low levels (<0.043 mg/kg) of ethylbenzene, toluene, and xylenes. TPH-g was detected at 8,910 µg/L and diesel range organics were detected at 22,200 µg/L in a water sample collected from the excavation. For both of the detections of diesel range organics, the laboratory reported that the result "does not match diesel". The two excavation events generated a total of 10.01 tons of soil, which was disposed of at Forward Landfill in Stockton, California on January 8, 2003.

Based on these results, in a letter dated September 2, 2004, the ACDEH requested the preparation of a work plan to further investigate the nature and extent of the release. A *Site Investigation Work Plan* dated December 10, 2004 was submitted to the ACDEH in December 2004 and April 2005.

SCOPE OF WORK

The scope of work conducted by WAC as part of this investigation included the following tasks:

- Obtained soil boring permits from the Alameda County Department of Health Services;
- Prepared a Site Specific Health and Safety Plan;
- Marked the boring locations in white paint and notified Underground Service Alert to locate buried utilities;
- Prepared a traffic control plan and procured an encroachment permit from the City of Alameda;
- Advanced four soil borings and collected soil and groundwater samples from the borings;
- Logged the borings to describe and correlate subsurface geology;

- Analyzed soil for TPH-g, TPH-d, BTEX, MtBE, tAME, DIPE, EtBE, tBA, methanol, ethanol, EDB, 1,2-DCA, and lead (see notes to **Table 2** for chemical names);
- Analyzed groundwater for TPH-g, TPH-d, BTEX, MtBE, tAME, DIPE, EtBE, tBA, methanol, ethanol, EDB, and 1,2-DCA; and
- Prepared this *Preliminary Investigation and Evaluation Report.*

METHODOLOGY

Soil Boring Installation and Sampling

Four soil borings (B-1, B-2, B-3, B-4, and B-5) were advanced at the Site on November 27, 2006 by Resonant Sonic International (C-57 license number 802334) of Woodland, California. Soil borings were continuously cored using a truck-mounted Power Probe 9630 direct push drill rig. The borings were logged under the supervision of a licensed professional engineer. Significant changes in soil type, color, grain size, relative density, and relative moisture content were recorded on the attached boring logs (**Appendix A**).

The first four feet of each boring was cleared with a hand auger to ensure the hole was clear of buried utilities. Groundwater was encountered in all borings at approximately 4 feet bg. Two soil samples were collected per boring. Soil samples were collected at the soil groundwater interface (approximately 4 feet bg) in each boring. An additional soil sample was collected from 10 feet below the first sample. The shallow soil sample was collected by hammering a 2-inch by 6-inch brass tube into the soil with a slide hammer assembly. After collecting the 1st soil sample the dual tube sampler was placed down the boring and driven into undisturbed soil using a hydraulic hammer. These deeper samples were collected using a 4-foot long steel sampler lined with a 1½-inch diameter acrylic sampling sleeve. The sleeve was advanced to the desired depth and retracted for analysis. A photo-ionization detector (PID) was used to field screen the soil cores for the presence of ionizable hydrocarbon vapors. Soil was placed into a clear Ziploc bag and allowed to volatilize for approximately 5-minutes. The PID was used to analyze the headspace vapors in the Ziploc bag.

Soil samples were capped with Teflon sheets and plastic endcaps before being placed in an ice chest filled with ice. The samples were delivered, under chain of custody control, to Kiff Analytical of Davis (Kiff, Department of Health Services certification number 2236), California for analysis. Soil samples were analyzed for TPH-g, BTEX, oxygenates and lead scavengers by EPA Method 8260B, for TPH-d by EPA Method 8015 Modified, and for lead by EPA Method 6010B.

Groundwater Sampling in Temporary Borings

Groundwater samples were collected from the top two feet of the first encountered water-bearing zone in each boring. A clean disposable bailer was lowered into the borings and the groundwater was decanted into laboratory supplied 40-ml containers preserved with HCl. After collecting the shallow groundwater sample the dual tube sampler was advanced an additional 10 feet bg. The dual tube was retracted two feet to allow groundwater into the boring. A clean disposable bailer was lowered into the tube to retrieve the sample. The sample was decanted into laboratory supplied containers preserved with HCl. Care was taken to ensure that the vials were completely full and that no air bubbles were present after capping. The sample containers were labeled with identifying information and then placed in an ice chest with ice until delivery to the laboratory.

Groundwater samples were labeled with the project number, sample ID, sample depth, and date collected. This same information was recorded on a chain-of-custody form. Groundwater samples were placed in an ice chest cooled with ice pending delivery to a DHS certified laboratory. The samples were submitted under chain-of-custody control within 72 hours of collection, to Kiff Analytical LLC (Kiff, DHS certification number 2236) of Davis, California. Groundwater samples were analyzed for TPH-g, BTEX, oxygenates and lead scavengers by EPA Method 8260B and TPH-d by EPA Method 8015 Modified.

Boring Abandonment

All five borings were grouted with neat cement mechanically mixed with clean water. This cement was placed through a tremmie pipe lowered to the bottom of the hole. The top portion of the boring was completed with asphalt in the street and concrete in the sidewalk.

Drill cuttings and water used to decontaminate the equipment were placed in labeled, 55-gallon steel drums pending disposal. A 4-point composite sample was collected from the soil drum for laboratory analysis and landfill profiling. The sample was analyzed by Kiff for TPH-d by EPA Method 8015, TPH-g, BTEX, oxygenates and lead scavengers by EPA Method 8260B and for lead by EPA Method 6010B.

DATA PRESENTATION

Soil Analytical Results

Soils encountered during drilling were primarily clayey silts or silty clays from ground surface to approximately 10 feet bg. Silty sand was encountered in borings from 10 feet bg to 16 feet bg. TPH-d and lead are the primary constituents detected in soil samples. TPH-d was detected in all soil samples at concentrations ranging from 1.4 mg/Kg to 8.7 mg/Kg. The laboratory stated that "Hydrocarbons reported as TPH as diesel do not exhibit a typical chromatographic pattern for samples… These hydrocarbons are higher boiling that typical diesel fuel." WAC has concluded

that these hydrocarbons are likely weathered diesel fuel. Samples that did not exhibit the typical chromatographic pattern are indicated on **Table 2.** Lead was detected in soil samples at concentrations ranging from 1.2 mg/Kg to 2.80 mg/Kg. tBA was detected only in boring B-1. The tBA detected in borings B-1 is likely due to the gasoline release at 2421 Blanding Avenue. A summary of the soil sample analytical results is included in **Table 2**. Laboratory analytical results are included in **Appendix B.**

Groundwater Analytical Results

A summary of the groundwater analytical results are included in **Table 2**. Laboratory analytical reports are included in **Appendix B**. TPH-d was detected in all samples with the exception of borings B-2@13' (13 feet bg) and B-5a (4.36 feet bg). Methanol was detected in all borings accept B-2. Ethanol was detected in borings B-3 and B-5. WAC is unclear about the origin of methanol and ethanol detected in groundwater samples.

DISCUSSION

Soil

TPH-d and lead were detected in all borings at concentrations below their respective San Francisco Bay Regional Water Quality Control Boards Environmental Screening Levels (ESLs) for Commercial/Industrial land use areas. The laboratory indicated that the diesel results do not match the diesel chromatogram.

With the exception of TPH-d in boring B-4 all concentrations were below their respective Environmental Screening Levels (ESLs) for the San Francisco Bay Regional Water Quality Control Board for commercial/industrial land use areas. Residential live/work units are being constructed in the former Clamp Swing Pricing Company building; however, the area is zoned light industrial.

CONCLUSION

Although TPH-d and lead were present in all borings there is little risk to human health or the environment for the following reasons. Groundwater is not a current or future drinking water resource and contaminant concentrations are below their respective ESLs. For these reasons WAC recommends that no further action is required.

TABLES

Table 1
Sample Analytical Results
2515 Blanding Avenue
Alameda, California

Soil Analytical Results

Sample	Depth (fbg)	TPH-g	TPH-d	benzene	toluene	ethyl benzene	xylenes	MtBE (8260B)	DIPE	EtBE	tAME	tBA	Methanol	ethanol	EDB	DCA	Lead
B-1@5'	5	<1	1.8	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0075	<0.2	<0.01	<0.005	<0.005	2.8
B-1@14'	14	<1	1.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0074	<0.2	<0.01	<0.005	<0.005	1.84
B-2@4'	4	<1	2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	<0.005	<0.005	2.27
B-2@16'	16	<1	12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	<0.005	<0.005	1.07
B-3@4'	4	<1	8.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	<0.005	<0.005	2.46
B-3@16'	16	<1	1.6	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	<0.005	<0.005	1.3
B-4@5'	5	<1	1.9	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	<0.005	<0.005	2.09
B-4@15'	15	<1	9.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	<0.005	<0.005	1.28
B-5@5'	5	<1	3.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	<0.005	<0.005	2.37
B-5@15'	15	<1	4.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	<0.005	<0.005	1.2
ESL[1]		400	500	0.38	9.3	32	11	56	NE	NE	NE	110	NE	0	NE	0.07	750
ESL[2]		400	500	0.51	9.3	32	11	5.6	NE	NE	NE	110	NE	45	NE	0.07	750

Groundwater Analytical Results (ug/L)

Sample	Depth (fbg)	TPH-g	TPH-d	benzene	toluene	ethyl benzene	xylenes	MtBE (8260B)	DIPE	EtBE	tAME	tBA	Methanol	ethanol	EDB	DCA
B-1a	4.27	<50	410	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	65	<5	<0.5	<0.5
B-1@15'	15	<50	160	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<100	<10	<0.5	<0.5
B-2@6'	6	<50	330	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<50	<5	<0.5	<0.5
B-2@13'	13	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<50	<5	<0.5	<0.5
B-3@6'	6	<50	280	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	130	11	<0.5	<0.5
B-3@14'	14	<50	520	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<50	<8.0	<0.5	<0.5
B-4a	4	<50	8,500	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	59	<5.0	<0.5	<0.5
B-4@15'	15	<50	860	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<80	<8.0	<0.5	<0.5
B-5a	4.36	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	110	6.6	<0.5	<0.5
B-5@15'	15	<50	300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<50	5.4	<0.5	<0.5
ESL[3]		500	640	46	130	290	100	1,800	NE	NE	NE	18,000	NE	50,000	NE	200
MCL		NE	NE	1	150	700	1,750	13	NE	NE	NE	12**	NE	NE	0.05	0.5

Notes:

All samples were collected on 11-27-06

MCL = Primary Maximum Contaminant Level for Drinking Water in California. ** Denotes a Drinking Water Action Level, not an MCL.

ESL[1] = Tier 1 Environmental Screening Levels for San Francisco Bay Regional Water Quality Control Board, California EPA
Shallow soil (<3m), Commercial/Industrial, Groundwater is not a current source of drinking water

ESL[2] = Tier 1 Environmental Screening Levels for San Francisco Bay Regional Water Quality Control Board, California EPA
Deep Soil (>3m), Commercial/Industrial, Groundwater is not a current source of drinking water

ESL[3] = Tier 1 Environmental Screening Levels for San Francisco Bay Regional Water Quality Control Board, California EPA
Groundwater Screening Levels where Groundwater is not a Current or Potential Drinking Water Resource

Soil results in milligrams per kilogram (mg/kg)

Groundwater results reported in micrograms per liter (ug/L)

NE = Not established

TPH-g = total petroleum hydrocarbons as gasoline

TPH-d = total petroleum hydrocarbons as diesel

MtBE = methyl tert-butyl ether

tBA = tert-butyl alcohol

DIPE = diisopropyl ether

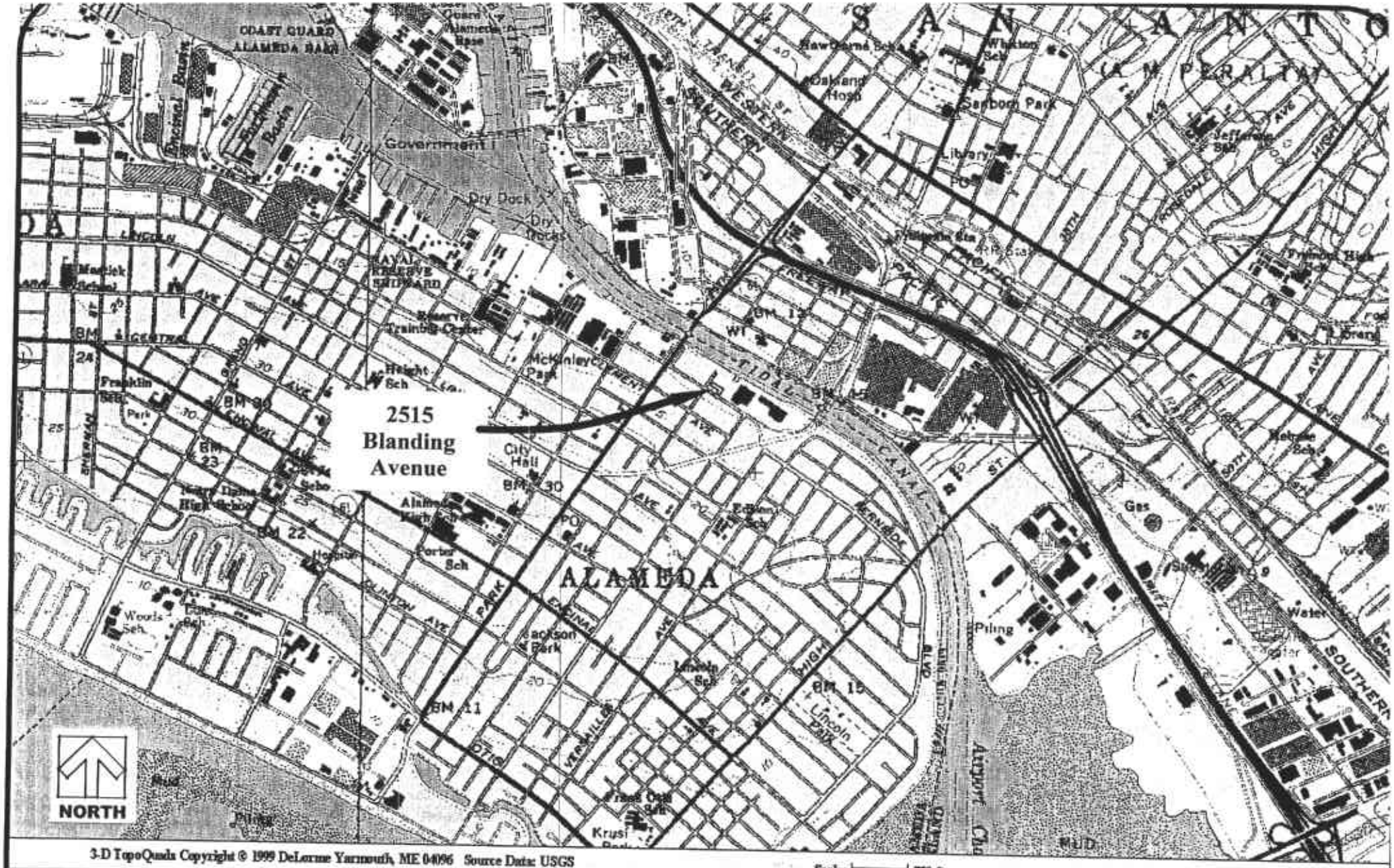
EtBE = ethyl tert-butyl ether

tAME = tert-amyl methyl ether

EDB = ethylene dibromide

DCA = 1,2-dichloroethane

FIGURES



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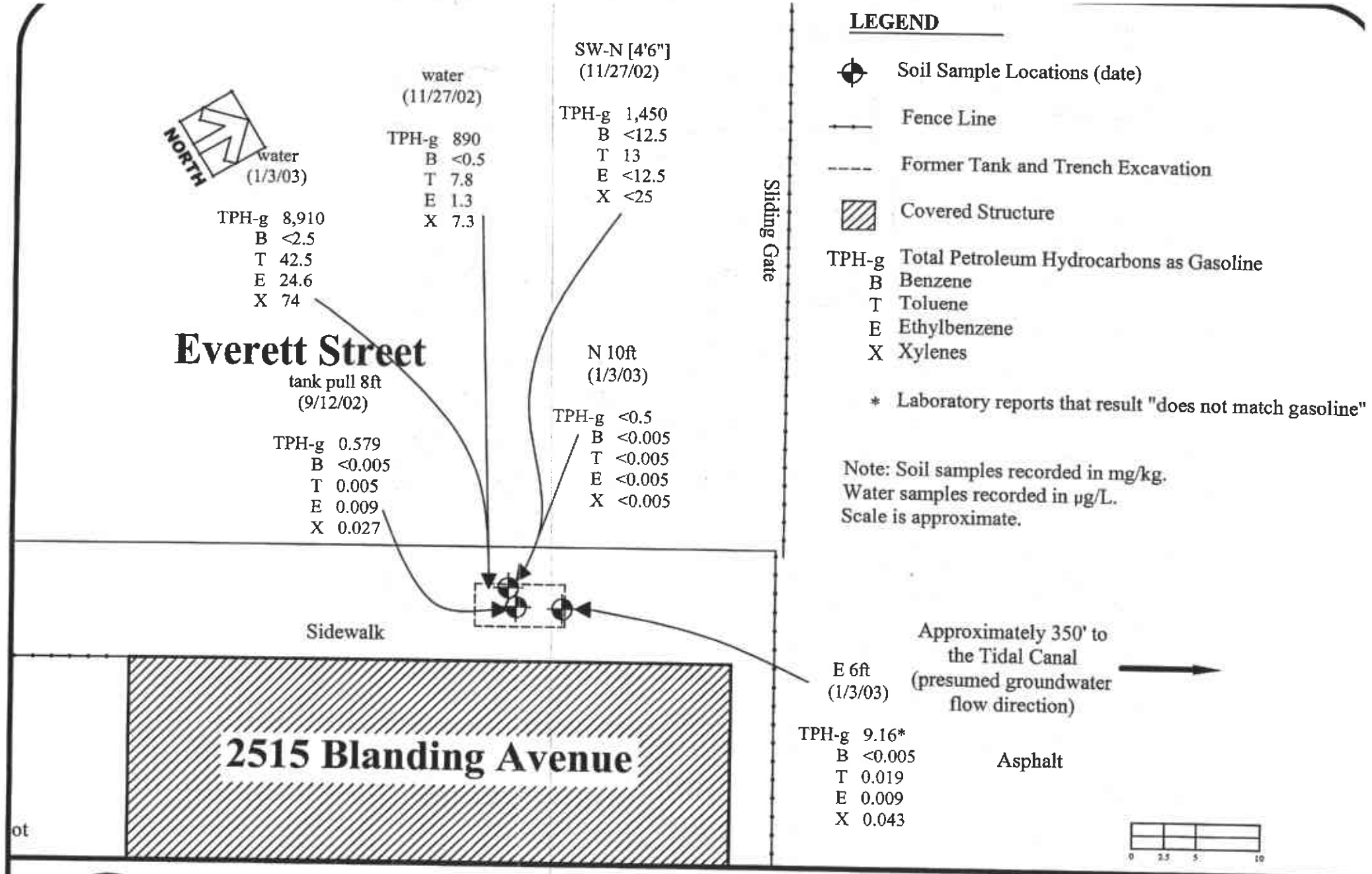
Dixon, California 95620-9603
(707) 693-2929 Fax# (707) 693-2922

Site Location Map

Former Clamp Swing Pricing Company
2515 Blanding Avenue
Alameda, California

Project #: 4287	Figure: 1
Date: 2/1/06	
Scale: as shown	



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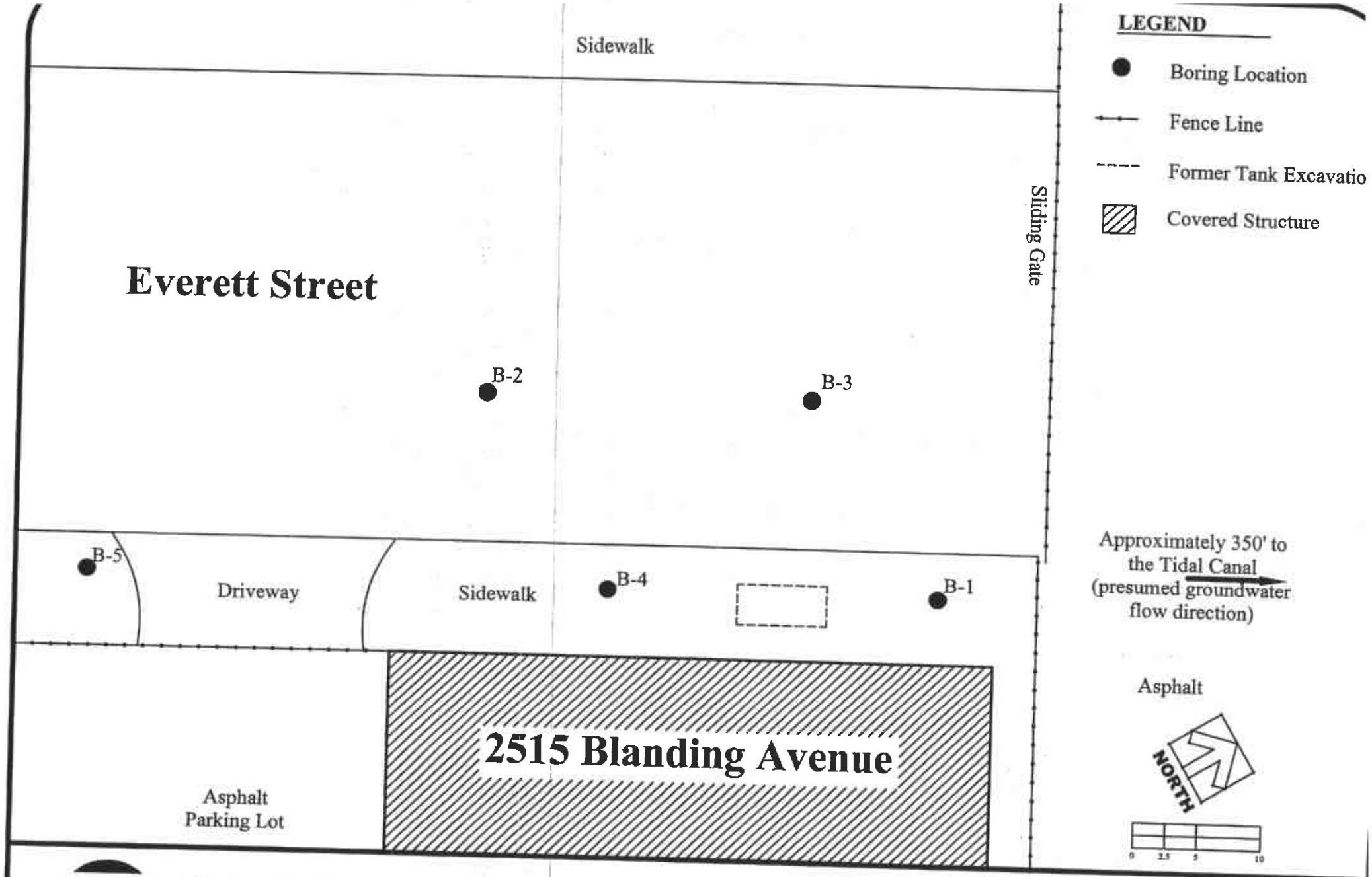
Site Plan

Former Clamp Swing Pricing Company
2515 Blanding Avenue
Alameda, California

Project #: 4287	Figure: 2
Date: 2/1/06	
Scale: 1"=10'	



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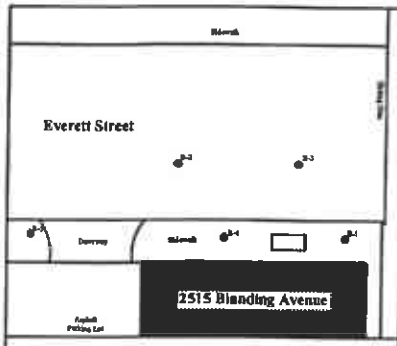
Boring Locations

Former Clamp Swing Pricing Company
2515 Blanding Avenue
Alameda, California

Project #: 4287	Figure: 3
Date: 12-8-06	
Scale: 1"=10'	

APPENDIX A

BORING LOGS



SITE MAP

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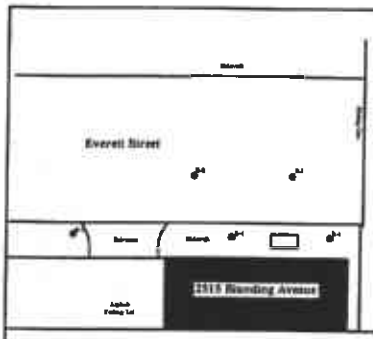
Environmental Contracting and Consulting
6940 Tremont Road
Dixon, California 95620-9603
Lic. #455752
(707) 693-2929
Fax (707) 693-2922

PROJECT: Garfinkle	PROJECT #: 4287	BORING #: B-1
DRILLING CONTRACTOR: RSI	START: 8:30 FINISH: 10:00	DATE: 11/27/06
DRILLING METHOD: Direct Push	TOTAL DEPTH: 16'	DEPTH TO WATER: 4.27'
SAMPLER:	SCREEN INT:	CASING:
HAMMER WT: DROP:	FIELD GEOLOGIST:	Whitney Bills

DEPTH (ft)	SAMPLE #	INTERVAL	BLOWS/6"	PID (ppm)	WELL CONSTRUCTION	USCS SYMBOL & LITHOLOGIC LOG	LITHOLOGIC DESCRIPTION (SOIL TYPE, GRAIN SIZE, COLOR, DENSITY, MOISTURE)
0						ML	4" concrete
					▽		Hand auger to 5'
5	B-1 @ 5'			0	5		Dark brown to black, wet, soft, silty clay with some fine sands.
				0		ML	Gray brown, plastic, wet, silty clay with some fine sands.
				0			Gray brown, plastic, wet, slightly more stiff, silty clay with some fine sands.
10				0	10	SM	Gray brown, plastic, wet, very stiff, silty sand.
				0			Green, very soft, silty sand with some coarse grained sand.
	B-1 @ 14'			0		SM	
15				0	15		Light gray to brown, soft, silty sand with some coarse grained sands.
20					20		
25					25		
30					30		
35					35		
40					40		

NOTE: THE LINE SEPARATING STRATA REPRESENT APPROXIMATE BOUNDARIES ONLY. THE ACTUAL TRANSITION MAY BE GRADUAL. NO WARRANTY IS PROVIDED AS TO THE CONTINUITY OF THE SOIL STRATA BETWEEN BORINGS. LOGS REPRESENT THE SOIL SECTION OBSERVED AT THE BORING LOCATION ON THE DATE OF DRILLING ONLY.



SITE MAP

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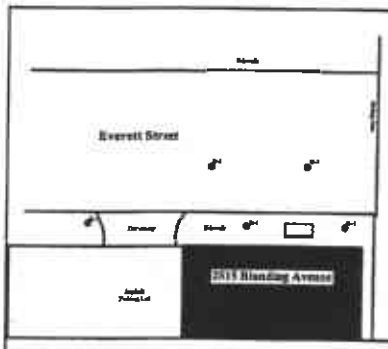
Lic. #455752
(707) 693-2929
Fax (707) 693-2922

PROJECT: Garfinkle	PROJECT #: 4287	BORING #: B-2
DRILLING CONTRACTOR: RSI	START: 2:00 FINISH: 3:15	DATE: 11/27/06
DRILLING METHOD: Direct Push	TOTAL DEPTH: 16'	DEPTH TO WATER: 5.00'
SAMPLER:	SCREEN INT:	CASING:
HAMMER WT: DROP:	FIELD GEOLOGIST:	Whitney Bills

DEPTH (ft)	SAMPLE #	INTERVAL	BLOWS/6"	PID (ppm)	WELL CONSTRUCTION	USCS SYMBOL & LITHOLOGIC LOG	LITHOLOGIC DESCRIPTION (SOIL TYPE, GRAIN SIZE, COLOR, DENSITY, MOISTURE)
0						ML	4" concrete
5	B-2 @ 4'			0	▽		Hand auger to 6'
				0			Gray to brown, wet, soft, silty clay.
				0		ML	
10				0		SM	Tan to greenish gray, wet, soft, silty clay at the top to sandy at the bottom.
				0			
				0			Gray to tan brown, wet, soft, slightly more stiff, silty sands.
15	B-2 @ 16'			0		SM	
20							
25							
30							
35							
40							

NOTE: THE LINE SEPARATING STRATA REPRESENT APPROXIMATE BOUNDARIES ONLY. THE ACTUAL TRANSITION MAY BE GRADUAL. NO WARRANTY IS PROVIDED AS TO THE CONTINUITY OF THE SOIL STRATA BETWEEN BORINGS. LOGS REPRESENT THE SOIL SECTION OBSERVED AT THE BORING LOCATION ON THE DATE OF DRILLING ONLY.



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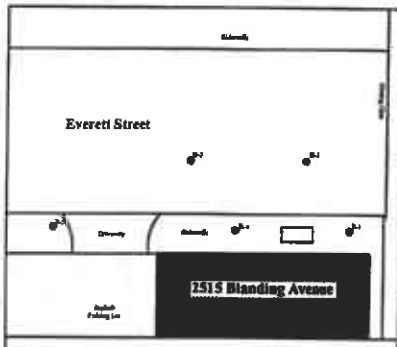
Fax (707) 693-2922

PROJECT: Garfinkle	PROJECT #: 4287	BORING #: B-3
DRILLING CONTRACTOR: RSI	START: 3:15 FINISH: 4:30	DATE: 11/27/06
DRILLING METHOD: Direct Push	TOTAL DEPTH: 16'	DEPTH TO WATER: 5.24'
SAMPLER:	SCREEN INT:	CASING:
HAMMER WT: DROP:	FIELD GEOLOGIST:	Whitney Bills

DEPTH (ft)	SAMPLE #	INTERVAL	BLOWS/6"	PID (ppm)	WELL CONSTRUCTION	USCS SYMBOL & LITHOLOGIC LOG	LITHOLOGIC DESCRIPTION (SOIL TYPE, GRAIN SIZE, COLOR, DENSITY, MOISTURE)
0						ML	4" concrete
5	B-3 @ 4'			0	▽		Hand auger to 6'
				0			Black to dark gray, wet, soft, silty clay.
				0		ML	Light tan to gray, wet, soft, silty clay.
10				0		SM	Brown to green, soft, wet, sandy-silty clay.
				0			
				0		SM	Tan to light gray, wet, soft, silty sand.
15	B-3 @ 16'			0			
20							
25							
30							
35							
40							

NOTE: THE LINE SEPARATING STRATA REPRESENT APPROXIMATE BOUNDARIES ONLY. THE ACTUAL TRANSITION MAY BE GRADUAL. NO WARRANTY IS PROVIDED AS TO THE CONTINUITY OF THE SOIL STRATA BETWEEN BORINGS. LOGS REPRESENT THE SOIL SECTION OBSERVED AT THE BORING LOCATION ON THE DATE OF DRILLING ONLY.



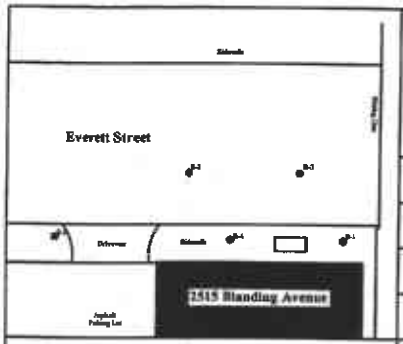
SITE MAP

W.A. Craig, Inc.
Environmental Contracting and Consulting
6940 Tremont Road
Dixon, California 95620-9603
Lic. #455752
(707) 693-2929
Fax (707) 693-2922

PROJECT: Garfinkle	PROJECT #: 4287	BORING #: B-4
DRILLING CONTRACTOR: RSI	START: 10:00 FINISH: 11:30	DATE: 11/27/06
DRILLING METHOD: Direct Push	TOTAL DEPTH: 15'	DEPTH TO WATER: 4.00'
SAMPLER:	SCREEN INT:	CASING:
HAMMER WT: DROP:	FIELD GEOLOGIST:	Whitney Bills

DEPTH (ft)	SAMPLE #	INTERVAL	BLOWS/6"	PID (ppm)	WELL CONSTRUCTION	USCS SYMBOL & LITHOLOGIC LOG	LITHOLOGIC DESCRIPTION (SOIL TYPE, GRAIN SIZE, COLOR, DENSITY, MOISTURE)
0						ML	4" concrete
							Hand auger to 6'
5	B-4 @ 5'			0	▽		Black to dark gray, wet, soft, silty clay.
				0		ML	Light tan to gray, wet, soft, silty clay.
				0		SM	Brown to green, soft, wet, sandy-silty clay.
10				0			
				0		SM	Tan to light gray, wet, soft, silty sand.
15	B-4 @ 15'			0			
20							
25							
30							
35							
40							

NOTE: THE LINE SEPARATING STRATA REPRESENT APPROXIMATE BOUNDARIES ONLY. THE ACTUAL TRANSITION MAY BE GRADUAL. NO WARRANTY IS PROVIDED AS TO THE CONTINUITY OF THE SOIL STRATA BETWEEN BORINGS. LOGS REPRESENT THE SOIL SECTION OBSERVED AT THE BORING LOCATION ON THE DATE OF DRILLING ONLY.



SITE MAP

W.A. Craig, Inc.
Environmental Contracting and Consulting
6940 Tremont Road
Dixon, California 95620-9603
Lic. #455752
(707) 693-2929
Fax (707) 693-2922

PROJECT: Garfinkle	PROJECT #: 4287	BORING #: B-5
DRILLING CONTRACTOR: RSI	START: 11:30 FINISH: 1:00	DATE: 11/27/06
DRILLING METHOD: Direct Push	TOTAL DEPTH: 15'	DEPTH TO WATER: 4.36'
SAMPLER:	SCREEN INT:	CASING:
HAMMER WT: DROP:	FIELD GEOLOGIST:	Whitney Bills

DEPTH (ft)	SAMPLE #	INTERVAL	BLOWS/6"	PID (ppm)	WELL CONSTRUCTION	USCS SYMBOL & LITHOLOGIC LOG	LITHOLOGIC DESCRIPTION (SOIL TYPE, GRAIN SIZE, COLOR, DENSITY, MOISTURE)
0				0		ML	4" concrete
					▽		Hand auger to 5'
5	B-5 @ 5'			0	5		Black to dark gray, wet, soft, silty clay.
				0		ML	Gray to brown, wet, soft, silty clay.
				0			
				0			
10				0	10	SM	Light to dark gray, soft, wet, silty sand.
				0			
				0			
				0		SM	Light brown, wet, soft, silty sand.
15	B-5 @ 15'			0	15		
20					20		
25					25		
30					30		
35					35		
40					40		

NOTE: THE LINE SEPARATING STRATA REPRESENT APPROXIMATE BOUNDARIES ONLY. THE ACTUAL TRANSITION MAY BE GRADUAL. NO WARRANTY IS PROVIDED AS TO THE CONTINUITY OF THE SOIL STRATA BETWEEN BORINGS. LOGS REPRESENT THE SOIL SECTION OBSERVED AT THE BORING LOCATION ON THE DATE OF DRILLING ONLY.

APPENDIX B

LABORATORY ANALYTICAL REPORTS

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Mellisa Dockins
W.A. Craig, Inc.
6940 Tremont Road
Dixon, CA 95620

Subject : 11 Soil Samples and 10 Water Samples
Project Name : Garfinkle
Project Number : 4287

Dear Ms. Dockins,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Subject : 11 Soil Samples and 10 Water Samples
Project Name : Garfinkle
Project Number : 4287

Case Narrative

Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern for samples B-1@5', B-1@14', B-2@4', B-3@4', B-5@5', B-5@15', B-1@15', B-2@6', B-3@6', B-3@14', B-5@15' and SC.These hydrocarbons are higher boiling than typical diesel fuel.

Matrix Spike/Matrix Spike Duplicate Results associated with sample B-2@16' for the analyte TPH as Diesel were affected by the analyte concentrations already present in the un-spiked sample.

Matrix Spike/Matrix Spike Duplicate Results associated with samples B-1@5', B-1@14', B-2@16', B-3@4', B-3@16', B-4@5', B-4@15', B-5@5', B-5@15', and SC for the analyte Methyl-t-butyl ether were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

The Method Reporting Limit for Methanol has been increased due to the presence of an interfering compound for samples B-1@15' and B-4@15'.

The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for samples B-1@15', B-3@14' and B-4@15'.

Matrix Spike/Matrix Spike Duplicate Results associated with sample B-1a for the analyte Tert-Butanol were affected by the analyte concentrations already present in the un-spiked sample.

Repeat analysis by Mod. Method 8015 yielded inconsistent results for samples B-1@15' and B-3@14'. The concentrations appear to vary between the bottles. The highest valid concentration results are reported.

Approved By: Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-1@5'** Matrix : Soil Lab Number : 53536-01
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**0.0075**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	109		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**1.8**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	115		% Recovery	M EPA 8015	11/30/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-1@14'** Matrix : Soil Lab Number : 53536-02
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**0.0074**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	98.7		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**1.4**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	101		% Recovery	M EPA 8015	11/30/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-2@4'** Matrix : Soil Lab Number : 53536-03
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**2.0**	1.0	mg/Kg	M EPA 8015	11/29/2006
1-Chlorooctadecane (Diesel Surrogate)	130		% Recovery	M EPA 8015	11/29/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-2@16'** Matrix : Soil Lab Number : 53536-04
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**12**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	84.6		% Recovery	M EPA 8015	11/30/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-3@4'** Matrix : Soil Lab Number : 53536-05
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**8.7**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	105		% Recovery	M EPA 8015	11/30/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-3@16'** Matrix : Soil Lab Number : 53536-06
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**1.6**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	115		% Recovery	M EPA 8015	11/30/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-4@5'** Matrix : Soil Lab Number : 53536-07
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	98.9		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**1.9**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	118		% Recovery	M EPA 8015	11/30/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-4@15'** Matrix : Soil Lab Number : 53536-08
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**9.3**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	110		% Recovery	M EPA 8015	11/30/2006

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-5@5'** Matrix : Soil Lab Number : 53536-09
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**3.2**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	102		% Recovery	M EPA 8015	11/30/2006

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KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-5@15'** Matrix : Soil Lab Number : 53536-10
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**4.7**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	103		% Recovery	M EPA 8015	11/30/2006

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KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-1a** Matrix : Water Lab Number : 53536-11
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/5/2006
Methanol	**65**	50	ug/L	EPA 8260B	12/5/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/5/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	12/5/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/5/2006
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	12/5/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	12/5/2006
TPH as Diesel	**410**	50	ug/L	M EPA 8015	12/4/2006
Octacosane (Diesel Surrogate)	84.4		% Recovery	M EPA 8015	12/4/2006

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Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-1@15'** Matrix : Water Lab Number : 53536-12
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/30/2006
Methanol	**< 100**	100	ug/L	EPA 8260B	11/30/2006
Ethanol	**< 10**	10	ug/L	EPA 8260B	11/30/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/30/2006
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	11/30/2006
4-Bromofluorobenzene (Surr)	96.4		% Recovery	EPA 8260B	11/30/2006
TPH as Diesel	**160**	50	ug/L	M EPA 8015	12/5/2006
Octacosane (Diesel Surrogate)	114		% Recovery	M EPA 8015	12/5/2006

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KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-2@6'** Matrix : Water Lab Number : 53536-13
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/29/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	99.2		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**330**	50	ug/L	M EPA 8015	12/5/2006
Octacosane (Diesel Surrogate)	89.8		% Recovery	M EPA 8015	12/5/2006

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KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-2@13'** Matrix : Water Lab Number : 53536-14
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/29/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	97.5		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**< 50**	50	ug/L	M EPA 8015	12/5/2006
Octacosane (Diesel Surrogate)	94.2		% Recovery	M EPA 8015	12/5/2006

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KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-3@6'** Matrix : Water Lab Number : 53536-15
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/29/2006
Methanol	**130**	50	ug/L	EPA 8260B	11/29/2006
Ethanol	**11**	5.0	ug/L	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**280**	50	ug/L	M EPA 8015	12/5/2006
Octacosane (Diesel Surrogate)	87.6		% Recovery	M EPA 8015	12/5/2006

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2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-3@14'** Matrix : Water Lab Number : 53536-16
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/30/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	11/30/2006
Ethanol	**< 8.0**	8.0	ug/L	EPA 8260B	11/30/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/30/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/30/2006
4-Bromofluorobenzene (Surr)	95.5		% Recovery	EPA 8260B	11/30/2006
TPH as Diesel	**520**	50	ug/L	M EPA 8015	12/6/2006
Octacosane (Diesel Surrogate)	120		% Recovery	M EPA 8015	12/6/2006

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-4a** Matrix : Water Lab Number : 53536-17
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/30/2006
Methanol	**59**	50	ug/L	EPA 8260B	11/30/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/30/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/30/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	11/30/2006
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	11/30/2006
TPH as Diesel	**8500**	50	ug/L	M EPA 8015	12/5/2006
Octacosane (Diesel Surrogate)	94.6		% Recovery	M EPA 8015	12/5/2006

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KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-4@15'** Matrix : Water Lab Number : 53536-18
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/29/2006
Methanol	**< 80**	80	ug/L	EPA 8260B	11/29/2006
Ethanol	**< 8.0**	8.0	ug/L	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	94.6		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**860**	50	ug/L	M EPA 8015	12/5/2006
Octacosane (Diesel Surrogate)	125		% Recovery	M EPA 8015	12/5/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-5a** Matrix : Water Lab Number : 53536-19
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/29/2006
Methanol	**110**	50	ug/L	EPA 8260B	11/29/2006
Ethanol	**6.6**	5.0	ug/L	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**< 50**	50	ug/L	M EPA 8015	12/5/2006
Octacosane (Diesel Surrogate)	86.2		% Recovery	M EPA 8015	12/5/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **B-5@15'** Matrix : Water Lab Number : 53536-20
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/29/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Ethanol	**5.4**	5.0	ug/L	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	94.9		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**300**	50	ug/L	M EPA 8015	12/6/2006
Octacosane (Diesel Surrogate)	119		% Recovery	M EPA 8015	12/6/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53536
Date : 12/6/2006

Project Name : **Garfinkle**
Project Number : **4287**

Sample : **SC** Matrix : Soil Lab Number : 53536-21
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	**< 0.20**	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	**< 0.010**	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	11/29/2006
TPH as Diesel	**1.7**	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	107		% Recovery	M EPA 8015	11/30/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53536

Date : 12/6/2006

QC Report : Method Blank Data

Project Name : **Garfinkle**

Project Number : **4287**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/29/2006
1-Chlorooctadecane (Diesel Surrogate)	98.6		%	M EPA 8015	11/29/2006
TPH as Diesel	< 1.0	1.0	mg/Kg	M EPA 8015	11/30/2006
1-Chlorooctadecane (Diesel Surrogate)	81.6		%	M EPA 8015	11/30/2006
TPH as Diesel	< 50	50	ug/L	M EPA 8015	12/5/2006
Octacosane (Diesel Surrogate)	87.4		%	M EPA 8015	12/5/2006
TPH as Diesel	< 50	50	ug/L	M EPA 8015	12/4/2006
Octacosane (Diesel Surrogate)	88.4		%	M EPA 8015	12/4/2006
TPH as Diesel	< 50	50	ug/L	M EPA 8015	12/5/2006
Octacosane (Diesel Surrogate)	90.2		%	M EPA 8015	12/5/2006
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	< 0.20	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	< 0.010	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	98.6		%	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	106		%	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	11/29/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Methanol	< 0.20	0.20	mg/Kg	EPA 8260B	11/29/2006
Ethanol	< 0.010	0.010	mg/Kg	EPA 8260B	11/29/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/29/2006
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	99.6		%	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	95.5		%	EPA 8260B	11/29/2006
1,2-Dichloroethane-d4 (Surr)	105		%	EPA 8260B	11/29/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/30/2006
Methanol	< 50	50	ug/L	EPA 8260B	11/30/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	11/30/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/30/2006
Toluene - d8 (Surr)	98.8		%	EPA 8260B	11/30/2006
4-Bromofluorobenzene (Surr)	97.4		%	EPA 8260B	11/30/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53536

Date : 12/6/2006

QC Report : Method Blank Data

Project Name : **Garfinkle**

Project Number : **4287**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/30/2006
Methanol	< 50	50	ug/L	EPA 8260B	11/30/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	11/30/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	11/30/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/30/2006
Toluene - d8 (Surr)	99.2		%	EPA 8260B	11/30/2006
4-Bromofluorobenzene (Surr)	98.2		%	EPA 8260B	11/30/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/5/2006
Methanol	< 50	50	ug/L	EPA 8260B	12/5/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	12/5/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/5/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/5/2006
Toluene - d8 (Surr)	97.0		%	EPA 8260B	12/5/2006
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	12/5/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/29/2006
Methanol	< 50	50	ug/L	EPA 8260B	11/29/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	11/29/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	99.5		%	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	96.8		%	EPA 8260B	11/29/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/4/2006
Methanol	< 50	50	ug/L	EPA 8260B	12/4/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	12/4/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/4/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/4/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	12/4/2006
4-Bromofluorobenzene (Surr)	93.5		%	EPA 8260B	12/4/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53536

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 12/6/2006

Project Name : **Garfinkle**

Project Number : **4287**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	53536-03	2.0	20.0	20.0	19.4	19.9	mg/Kg	M EPA 8015	11/29/06	88.2	90.3	2.31	60-140	25
TPH as Diesel	53536-04	12	20.0	20.0	22.1	26.8	mg/Kg	M EPA 8015	11/30/06	69.7	84.6	19.2	60-140	25
TPH as Diesel	Blank	<50	1000	1000	703	894	ug/L	M EPA 8015	12/5/06	70.3	89.4	23.9	70-130	25
TPH as Diesel	Blank	<50	1000	1000	1140	1170	ug/L	M EPA 8015	12/4/06	114	117	2.69	70-130	25
Benzene	53537-29	<0.0050	0.0398	0.0395	0.0325	0.0330	mg/Kg	EPA 8260B	11/29/06	81.6	83.5	2.40	70-130	25
Toluene	53537-29	<0.0050	0.0398	0.0395	0.0325	0.0328	mg/Kg	EPA 8260B	11/29/06	81.5	82.9	1.67	70-130	25
Tert-Butanol	53537-29	<0.0050	0.199	0.198	0.154	0.150	mg/Kg	EPA 8260B	11/29/06	77.5	75.9	2.16	70-130	25
Methyl-t-Butyl Ether	53537-29	<0.0050	0.0398	0.0395	0.0256	0.0287	mg/Kg	EPA 8260B	11/29/06	64.3	72.5	12.0	70-130	25
Benzene	53537-27	<0.0050	0.0394	0.0394	0.0367	0.0351	mg/Kg	EPA 8260B	11/29/06	93.2	89.2	4.36	70-130	25
Toluene	53537-27	<0.0050	0.0394	0.0394	0.0318	0.0299	mg/Kg	EPA 8260B	11/29/06	80.6	76.0	5.87	70-130	25
Tert-Butanol	53537-27	<0.0050	0.197	0.197	0.161	0.162	mg/Kg	EPA 8260B	11/29/06	81.6	82.1	0.533	70-130	25
Methyl-t-Butyl Ether	53537-27	<0.0050	0.0394	0.0394	0.0384	0.0380	mg/Kg	EPA 8260B	11/29/06	97.4	96.6	0.788	70-130	25
Benzene	53545-04	<0.50	40.0	40.0	37.0	36.4	ug/L	EPA 8260B	11/29/06	92.5	90.9	1.76	70-130	25
Toluene	53545-04	<0.50	40.0	40.0	35.4	34.4	ug/L	EPA 8260B	11/29/06	88.4	86.1	2.71	70-130	25
Tert-Butanol	53545-04	<5.0	200	200	194	190	ug/L	EPA 8260B	11/29/06	97.3	94.9	2.46	70-130	25
Methyl-t-Butyl Ether	53545-04	<0.50	40.0	40.0	33.4	34.0	ug/L	EPA 8260B	11/29/06	83.6	84.9	1.56	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53536

Date : 12/6/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Garfinkle**

Project Number : **4287**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	53555-05	<0.50	40.0	40.0	38.0	35.6	ug/L	EPA 8260B	11/30/06	94.9	88.9	6.56	70-130	25
Toluene	53555-05	<0.50	40.0	40.0	38.1	35.4	ug/L	EPA 8260B	11/30/06	95.3	88.6	7.21	70-130	25
Tert-Butanol	53555-05	<5.0	200	200	197	195	ug/L	EPA 8260B	11/30/06	98.6	97.7	0.981	70-130	25
Methyl-t-Butyl Ether	53555-05	6.7	40.0	40.0	40.9	38.2	ug/L	EPA 8260B	11/30/06	85.5	78.7	8.34	70-130	25
Benzene	53527-02	<0.50	40.0	40.0	39.8	38.8	ug/L	EPA 8260B	11/29/06	99.6	97.0	2.59	70-130	25
Toluene	53527-02	<0.50	40.0	40.0	39.6	39.1	ug/L	EPA 8260B	11/29/06	99.0	97.7	1.36	70-130	25
Tert-Butanol	53527-02	<5.0	200	200	200	196	ug/L	EPA 8260B	11/29/06	100	98.2	1.96	70-130	25
Methyl-t-Butyl Ether	53527-02	1.9	40.0	40.0	38.9	40.5	ug/L	EPA 8260B	11/29/06	92.4	96.5	4.27	70-130	25
Benzene	53645-03	<0.50	40.0	40.0	38.4	37.8	ug/L	EPA 8260B	12/4/06	96.0	94.5	1.53	70-130	25
Toluene	53645-03	<0.50	40.0	40.0	37.6	37.0	ug/L	EPA 8260B	12/4/06	94.0	92.6	1.55	70-130	25
Tert-Butanol	53645-03	<5.0	200	200	190	189	ug/L	EPA 8260B	12/4/06	95.1	94.4	0.830	70-130	25
Methyl-t-Butyl Ether	53645-03	<0.50	40.0	40.0	37.9	37.4	ug/L	EPA 8260B	12/4/06	94.6	93.5	1.25	70-130	25
Benzene	53657-07	<0.50	40.0	40.0	37.1	36.5	ug/L	EPA 8260B	12/5/06	92.8	91.2	1.78	70-130	25
Toluene	53657-07	<0.50	40.0	40.0	35.9	35.4	ug/L	EPA 8260B	12/5/06	89.8	88.5	1.43	70-130	25
Tert-Butanol	53657-07	1400	200	200	1520	1580	ug/L	EPA 8260B	12/5/06	42.8	73.4	52.7	70-130	25
Methyl-t-Butyl Ether	53657-07	25	40.0	40.0	59.5	59.6	ug/L	EPA 8260B	12/5/06	86.5	86.8	0.268	70-130	25
TPH as Diesel	Blank	<50	1000	1000	1080	1040	ug/L	M EPA 8015	12/5/06	108	104	3.40	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53536

Date : 12/6/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **Garfinkle**

Project Number : **4287**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Diesel	20.0	mg/Kg	M EPA 8015	11/29/06	84.9	70-130
TPH as Diesel	20.0	mg/Kg	M EPA 8015	11/30/06	80.1	70-130
Benzene	0.0398	mg/Kg	EPA 8260B	11/29/06	93.0	70-130
Toluene	0.0398	mg/Kg	EPA 8260B	11/29/06	92.7	70-130
Tert-Butanol	0.199	mg/Kg	EPA 8260B	11/29/06	95.3	70-130
Methyl-t-Butyl Ether	0.0398	mg/Kg	EPA 8260B	11/29/06	75.8	70-130
Benzene	0.0400	mg/Kg	EPA 8260B	11/29/06	95.4	70-130
Toluene	0.0400	mg/Kg	EPA 8260B	11/29/06	92.0	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	11/29/06	83.0	70-130
Methyl-t-Butyl Ether	0.0400	mg/Kg	EPA 8260B	11/29/06	94.4	70-130
Benzene	40.0	ug/L	EPA 8260B	11/29/06	94.6	70-130
Toluene	40.0	ug/L	EPA 8260B	11/29/06	91.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/29/06	98.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/29/06	85.6	70-130
Benzene	40.0	ug/L	EPA 8260B	11/30/06	93.5	70-130
Toluene	40.0	ug/L	EPA 8260B	11/30/06	96.0	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53536

Date : 12/6/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **Garfinkle**

Project Number : **4287**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Tert-Butanol	200	ug/L	EPA 8260B	11/30/06	95.7	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/30/06	80.9	70-130
Benzene	40.0	ug/L	EPA 8260B	11/29/06	101	70-130
Toluene	40.0	ug/L	EPA 8260B	11/29/06	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/29/06	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/29/06	98.0	70-130
Benzene	40.0	ug/L	EPA 8260B	12/4/06	98.3	70-130
Toluene	40.0	ug/L	EPA 8260B	12/4/06	98.9	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/4/06	97.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/4/06	105	70-130
Benzene	40.0	ug/L	EPA 8260B	12/5/06	87.6	70-130
Toluene	40.0	ug/L	EPA 8260B	12/5/06	86.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/5/06	94.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/5/06	81.0	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Calscience
Environmental
Laboratories, Inc.

December 04, 2006

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 06-11-1689**
Client Reference: Garfinkle

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/30/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical	Date Received:	11/30/06
2795 2nd Street, Suite 300	Work Order No:	06-11-1689
Davis, CA 95616-6593	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project: Garfinkle

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-1@5'	**06-11-1689-1**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	2.80	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-1@14'	**06-11-1689-2**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	1.84	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-2@4'	**06-11-1689-3**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	2.27	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-2@16'	**06-11-1689-4**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	1.07	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-3@4'	**06-11-1689-5**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	2.46	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-3@16'	**06-11-1689-6**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	1.30	0.50	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	11/30/06
2795 2nd Street, Suite 300		Work Order No:	06-11-1689
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: Garfinkle

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-4@5'	**06-11-1689-7**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	2.09	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-4@15'	**06-11-1689-8**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	1.28	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-5@5'	**06-11-1689-9**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	2.37	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B-5@15'	**06-11-1689-10**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	1.20	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SC	**06-11-1689-11**	**11/27/06**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	1.97	0.50	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-002-8,423**	**N/A**	**Solid**	**11/30/06**	**12/01/06**	**061130L03**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 11/30/06
Work Order No: 06-11-1689
Preparation: EPA 3050B
Method: EPA 6010B

Project Garfinkle

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1@5'	**Solid**	**ICP 3300**	**11/30/06**	**12/01/06**	**061130S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	104	102	75-125	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 06-11-1689
Preparation: EPA 3050B
Method: EPA 6010B

Project: Garfinkle

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-8,423	**Solid**	**ICP 3300**	**12/01/06**	**061130-I-03**	**061130L03**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	25.0	26.9	108	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-11-1689

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

Lab No. 1689

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Erin Gates

EDF Report? ___ Yes _X_ No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID:

Phone No.: | FAX No.:

Project Number: 4287 | P.O. No.: 53536

EDF Deliverable to (Email Address): inbox@kiffanalytical.com

Project Name: Garfinkle

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling Date	Sampling Time	Container: VOA	Poly	Sleeve	Amber	Glass Jar	Preservative: HNO3	H2SO4	Na2S2O3	ZnAc2 & NaOH	NONE	Matrix: WATER	SOIL	Air	Analysis Request: Total Lead (EPA 6010)	Date due: December 5, 2006	For Lab Use Only
B-1@5'	11/27/06						1					X		X		X	X	
B-1@14'	11/27/06						1					X		X		X	X	
B-2@4'	11/27/06						1					X		X		X	X	
B-2@16'	11/27/06						1					X		X		X	X	
B-3@4'	11/27/06						1					X		X		X	X	
B-3@16'	11/27/06						1					X		X		X	X	
B-4@5'	11/27/06						1					X		X		X	X	
B-4@15'	11/27/06						1					X		X		X	X	
B-5@5'	11/27/06						1					X		X		X	X	
B-5@15'	11/27/06						1					X		X		X	X	

Relinquished by:	Date	Time	Received by:
Kiff Analytical	11/27/06	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	11-30-06	0800	

Remarks:

Bill to: Accounts Payable

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

Lab No. 1689

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Erin Gates

EDF Report? ___ Yes _X_No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Phone No.: | FAX No.:

Global ID:

Project Number: 4287 | P.O. No.: 53536

EDF Deliverable to (Email Address): inbox@kiffanalytical.com

Project Name: Garfinkle

E-mail address: inbox@kiffanalytical.com

Project Address:

Analysis Request

Date due: December 5, 2006

For Lab Use Only

Sample Designation	Sampling: Date	Sampling: Time	Container: VOA	Poly	Sleeve	Amber	Glass Jar	Preservative: HNO3	H2SO4	Na2S2O3	ZnAc2 & NaOH	NONE	Matrix: WATER	SOIL	Air	Total Lead (EPA 6010)									
SC	11/27/06						1					X		X		X								X	

Relinquished by:	Date	Time	Received by:
Kiff Analytical	112906	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	11-30-06	0820	

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 11-1689

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KFF ANALYTICAL DATE: 11-30-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.1 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC			✓
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace			✓
Tedlar bag(s) free of condensation			✓

Initial: WB

COMMENTS:

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 53536

Page 1 of 3

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Melissa D.	California EDF Report? ☒ Yes ☐ No
Company / Address: 6940 Tremont Road, Dixon, CA 95620	Sampling Company Log Code:
Phone #: 707-693-2929 / Fax #: 707-693-2922	Global ID:
Project #: 4287 / P.O. #:	EDF Deliverable To (Email Address): claytonm@wacraig.com
Project Name: Garfinkle	Sampler Signature: Whitney Belles
Project Address: Alameda, CA	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Ice	Matrix: Water	Matrix: Soil	Matrix: Air	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M)	Analysis Request: TPH as Motor Oil (EPA 8015M)	Analysis Request: Total Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	TAT	For Lab Use Only
B-1@5'	11/27			1	1	1				X	X		X		X	X	X	X		X					X		X			01
B-1@14'																														02
B-2@4'																														03
B-2@16'																														04
B-3@4'																														05
B-3@16'																														06
B-4@5'																														07
B-4@15'																														08
B-5@5'																														09
B-5@15'																														10

Relinquished by:	Date	Time	Received by:
Whitney Belles	11/27/06		
	112806	1535	Received by Laboratory: Kiff Analytical

Remarks:

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
5.0	RLM	112806	1633	IR-5	(Yes) No

Distribution: White - Lab; Pink - Originator
Rev: 051805

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 53536

Page 2 of 3

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Melissa D.	California EDF Report? [X] Yes [ ] No
Company / Address: 6940 Tremont Road, Dixon, CA 95620	Sampling Company Log Code:
Phone #: 707-693-2929 / Fax #: 707-693-2922	Global ID:
Project #: 4287 / P.O. #:	EDF Deliverable To (Email Address): claytonm@wacraig.com
Project Name: Garfinkle	Sampler Signature: Whitney Billes
Project Address: Alameda, CA	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Ice	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Hallocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)							For Lab Use Only
B-1a	11/27		6					X			X	X				X	X	X		X	X				X										11
B-1@15'																																			12
B-2@6'																																			13
B-2@13'																																			14
B-3@6'																																			15
B-3@14'																																			16
B-4a																																			17
B-4@15' ~~03~~																																			18
B-5a																																			19
B-5@15'																																			20

TAT: [ ] 12 hr [ ] 24 hr [ ] 48hr [ ] 72 hr [X] 1 wk

Relinquished by:	Date	Time	Received by:
Whitney Billes	11/27/06		
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	112806	1535	Kiff Analytical Rozmarie Lee

Remarks:
B-1a was taken @ 4.27 fbg
B-4a was taken @ 4.00 fbg
B-5a was taken @ 4.36 fbg

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
5.0	RLM	112806	1633	IR-5	Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 53536

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Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Melissa D.	California EDF Report? ☒ Yes ☐ No
Company / Address: 6940 Tremont Road, Dixon, CA 95620	Sampling Company Log Code:
Phone #: 707-693-2929 / Fax #: 707-693-2922	Global ID:
Project #: 4287 / P.O. #:	EDF Deliverable To (Email Address): claytonm@wacraig.com
Project Name: Garfinkle	Sampler Signature: Whitney Bilello
Project Address: Alameda, CA	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Container: Other	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Ice	Matrix: Water	Matrix: Soil	Matrix: Air	Matrix: Other	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M)	Analysis Request: TPH as Motor Oil (EPA 8015M)	Analysis Request: Total Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	Analysis Request:	Analysis Request:	Analysis Request:	Analysis Request:	TAT	For Lab Use Only
																																				TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ 1wk	
SC	11/27			4							X	X		X			X	X	X	X		X	X				X		X						21

Relinquished by:	Date	Time	Received by:
Whitney Bilello	11/27/06		
	112806	1535	Roz McGee Kiff Analytical

Remarks: SC is a 4 point composite sample

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805