TRC Lowney

Transmittal

June 5, 2006
1888-1A.

Mr. Don Kohler
PLEASANTON GRAVEL COMPANY
555 Peters Avenue, Suite 220
Pleasanton, California 94566

RE: SOIL AND GROUND WATER QUALITY EVALUATION REPORT
501 EL CHARRO ROAD
PLEASANTON, CALIFORNIA

Dear Mr. Kohler:

Enclosed please find two copies of our Soil and Ground Water Quality Evaluation Report for the 501 El Charro Road site, located in Pleasanton, California. Furthermore, enclosed is an Authorization Form, to be completed and signed by you. The authorization allows us to electronically up-load all pertinent information obtained during our evaluation to the Geotracker Website as required by the Alameda County Environmental Health Services Department and the State Water Resource Control Board.

Please, call me at extension 201 if you have any questions concerning this report or the authorization form.

Sincerely,

TRC LOWNEY

Charles C. Mettler
Senior Staff Geologist

CCM:dw

Attachment(s): Report, Authorization Form

Copies: Addressee (2)

OK/Transmittal 060506.doc

167 Filbert Street, Oakland, California 94607-2531
Main: 510 267-1970 Fax: 510 267-1972
E-mail: mail@lowney.com http://www.lowney.com

TRC Lowney

June 5, 2006
1888-1A

Mr. Don Kahler
PLEASANTON GRAVEL COMPANY
501 El Charro Rd.
Pleasanton, California 94566

RE: SOIL AND GROUND WATER QUALITY EVALUATION EL CHARRO RANCH PLEASANTON, CALIFORNIA

Dear Mr. Kahler:

The attached report summarizes the results of our soil and ground water quality evaluation performed at El Charro Ranch, located at 770 El Charro Road in Pleasanton, California. This report was prepared in accordance with our agreement dated February 3, 2006.

We refer you to the text of the report for details regarding this study. Thank you for choosing us to assist you. If you have any questions, please call and we will be glad to discuss them with you.

Very truly yours,

TRC LOWNEY

Peter M. Langtry, P.G., C.HG.
Principal Environmental Geologist

Kier Bass
Staff Environmental Scientist

PML:KLB:dw

Copies: Addressee (2)
Alameda County Flow Control and Water Conservation District (1)
Attn: Wyman Hong

OK/1888-1A El Charro Phase II Soil and GW 050906.doc

167 Filbert Street • Oakland, California 94607
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TRC Lowney

Soil and Ground Water

Quality Evaluation

El Charro Ranch

Pleasanton, California

This report has been prepared for:

Pleasanton Gravel Company

501 El Charro Rd., Pleasanton, California 94566

June 5, 2006
Project No. 1888-1A

Kier Bass
Staff Environmental Scientist

Peter M. Langtry, P.G., C.HG.
Principal Environmental Geologist

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SOIL AND GROUND WATER QUALITY EVALUATION
EL CHARRO RANCH
PLEASANTON, CALIFORNIA

1.0 INTRODUCTION

1.1 Purpose

In this report, we present the results of the soil and ground water quality evaluation performed at 770 El Charro Road in Pleasanton, California. This work was performed for Pleasanton Gravel Company to evaluate subsurface conditions near three former underground storage tanks (UST) at the request of Alameda County Environmental Health Department.

1.2 Site Background

The site is located at 770 El Charro Road in Pleasanton, California, as shown in Figures 1 and 2. The site currently is used for horse stables. Three 1,000-gallon USTs were reportedly installed in the 1950's and were used to store diesel and gasoline fuel for agricultural use.

Upon removal in February, 2003, two of the three tanks appeared to be in good condition. No holes, deteriorated areas, or other signs of leakage were observed by TRC Lowney (formerly Lowney Associates) staff. Tank #3, however, had several holes, ½-inch diameter or less, in upper half of the tank, and an approximately 2½-inch hole at the bottom of the tank. Laboratory analysis of soil samples collected from beneath the tanks did not detect gasoline-range petroleum hydrocarbons, benzene, toluene, ethylbenzene or xylene (BTEX), MTBE or other fuel oxygenates. In addition, lead was not detected above typical background concentrations. Minor (up to 1.4 parts per million (ppm)) concentrations of diesel were detected in soil beneath Tank #1. Concentrations of up to 150 ppm of diesel-range petroleum hydrocarbons were detected in soil under Tank #3. The low concentrations of diesel-range hydrocarbons detected do not appear to be a significant threat to human health or the environment (Lowney Associates, 2003).

In their November, 2005 letter, the Alameda County of Environmental Health requested an additional soil and ground water investigation to assess conditions beneath the previous UST excavations.

1.3 Scope of Work

The scope of work for this study was outlined in our agreement dated February 3, 2006 and included the following tasks.

- Drilling and logging of two exploratory borings.
- Collecting soil and ground water samples for laboratory analysis.

2.0 SOIL AND GROUND WATER QUALITY EVALUATION

2.1 Subsurface Investigation

On April 12 and 13, 2006 and under the supervision of Principal Geologist Peter Langtry, staff environmental scientist Kier Bass directed a subsurface exploration program and logged two borings (EB-1 and EB-2) to approximate depths of 55 feet. Exploratory boring EB-1 was drilled near the former 1,000 gallon diesel tank and boring EB-2 was drilled near the two previous 1,000 gallon gasoline tanks to evaluate soil and ground water quality underneath the previous fuel tank locations. Soil samples were obtained from the borings at 5-foot depth intervals or significant changes in lithology. Ground water was encountered at an approximate depth of 49 to 50 feet. Soil sampling protocol, boring logs, and permits are presented in Appendix A.

2.2 Soil Sample Collection and Analyses

To evaluate soil quality, the soil samples were monitored for volatile hydrocarbons using an organic vapor meter (OVM). The OVM results are shown on the boring logs presented in Appendix A and revealed concentrations typical of natural background levels.

Soil samples collected from just above the shallow water-bearing zone from each boring, or those with the highest OVM readings, were selected for submittal to a state-certified analytical laboratory.

Six soil samples were analyzed for total petroleum hydrocarbons in the gasoline range (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE) (EPA Test Method 8015/8020); total petroleum hydrocarbons in the diesel range (TPHd) (EPA Test Method 8015M); and fuel oxygenates including t-Butanol hydroxide (EPA Test Method 8260). These analyses were selected to help evaluate the presence or absence of petroleum byproducts in soil beneath the former UST excavations.

Analytical results are presented in Table 1 and on Figure 3. Copies of the analytical reports and chain of custody documentation are presented in Appendix B.

Table 1A. Analytical Results of Selected Soil Samples
(concentrations in parts per million)

Boring Number	Depth (feet)	TPHg	TPHd	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
EB-1	14½~15	<0.10	<2.0	<0.010	<0.010	<0.010	<0.020	<0.010
EB-1	34½~35	<0.10	<2.0	<0.010	<0.010	<0.010	<0.020	<0.010
EB-1	49½~50	<0.10	<2.0	<0.010	<0.010	<0.010	<0.020	<0.010
EB-2	14½~15	<0.10	<2.0	<0.010	<0.010	<0.010	<0.020	<0.010
EB-2	34½~35	<0.10	<2.0	<0.010	<0.010	<0.010	<0.020	<0.010
EB-2	49½~50	<0.10	<2.0	<0.010	<0.010	<0.010	<0.020	<0.010
Residential ESL*		NE	NE	0.044	2.9	3.3	2.3	0.023
Industrial ESL*		NE	NE	0.044	2.9	3.3	2.3	0.023

< Indicates that the compound was not detected at or above the stated laboratory reporting limit
* Environmental Screening Level, SFBRWQB Table A
NE Not established

Table 1B. Analytical Results of Selected Soil Samples
(concentrations in parts per million)

Boring Number	Depth (feet)	EDB	EDC	ETBE	DIPE	TAME	t-Butanol
EB-1	14½~15	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
EB-1	34½~35	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
EB-1	49½~50	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
EB-2	14½~15	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
EB-2	34½~35	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
EB-2	49½~50	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
Residential ESL*		0.00033	0.0045	NE	NE	NE	0.073
Industrial ESL*		0.00033	0.0045	NE	NE	NE	0.073

< Indicates that the compound was not detected at or above the stated laboratory reporting limit
* Environmental Screening Level, SFBRWQB Table A
NE Not established

The Environmental Screening Levels (ESLs) are published by the San Francisco Bay California Regional Water Quality Control Board (CRWQCB) to address environmental protection goals presented in the *Water Quality Control Plan for the San Francisco Bay Basin* (CRWQCB, 1995). The RWQCB has prepared soil ESLs for residential sites depending on the depth of impacted soil (less than or greater than 3 meters) and the potential to impact beneficial uses of ground water. In addition to risks to human health and ecological health, ESLs were based on potential impacts to ground water through leaching of contaminants from soil using conservative assumptions of contaminant leachability. The RWQCB selects the lower of the soil leaching, human health, and ecologic toxicity ESLs as the final ESL.

2.3 Ground Water Sample Collection and Analyses

To evaluate ground water quality at the site, ground water grab samples were collected from borings EB-1 and EB-2. Copies of the well sampling logs and a discussion of sampling protocol are included in Appendix A.

The ground water samples were analyzed using the same methods as used for soils. These analyses were selected to help evaluate the presence of petroleum hydrocarbons, BTEX, or fuel oxygenates in ground water. Analytical results are shown in Table 2 and on Figure 2. Copies of the laboratory reports are attached in Appendix B.

Table 2A. Analytical Results of Selected Ground Water Samples
(concentrations in parts per billion)

Well Number	Date	TPHg	TPHd	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
EB-1	4/13/06	<0.10	<0.05	<1.0	<1.0	<1.0	<2.0	<3.0
EB-2	4/13/06	<0.10	<0.05	<1.0	<1.0	<1.0	<2.0	<3.0
MCL*		NE	NE	1.0	150	700	1,750	13

< Indicates that the compound was not detected at or above the stated laboratory reporting limit
* Drinking water Maximum Contaminant Levels–California DHS, September 12, 2003
NE Not established

Table 2B. Analytical Results of Selected Ground Water Samples
(concentrations in parts per billion)

Well Number	Date	EDB	EDC	ETBE	DIPE	TAME	t-Butanol
EB-1	4/13/06	<0.10	<0.05	<1.0	<1.0	<1.0	<3.0
EB-2	4/13/06	<0.10	<0.05	<1.0	<1.0	<1.0	<3.0
MCL*		NE	0.50	NE	NE	NE	NE

< Indicates that the compound was not detected at or above the stated laboratory reporting limit
* Drinking water Maximum Contaminant Levels–California DHS, September 12, 2003
NE Not established

2.4 Silica Gel Filter

The ground water samples were passed through a silica gel column prior to the TPHd analysis (EPA Test method 8015) to help remove non-fuel hydrocarbons. The silica gel removes oxygenated organic compounds produced by biologic degradation of organic materials. Studies have shown that the silica gel filter does not significantly remove extractable range petroleum hydrocarbons, including diesel, because the petroleum hydrocarbons are composed of non-polar substances (Zemo 1997). Performing the silica gel filtration prior to analysis is important where the samples are collected from organic rich environments common to the shallow ground water-bearing zones in the San Francisco Bay Area; these environments contain significant concentrations of naturally-occurring hydrocarbons that can be detected in the EPA 8015 analysis and falsely quantified by the laboratory as diesel.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Laboratory analysis of soil samples collected from the two exploratory borings did not detect petroleum hydrocarbons, BTEX, or fuel oxygenates above the laboratory reporting limits. Based on the analytical results, it appears that the low concentrations of petroleum hydrocarbons previously detected in soil beneath the former USTs have not significantly migrated downward. Further evaluation of soil quality does not appear required.

Since the UST/source has been removed, the remaining residual petroleum hydrocarbon concentrations detected in soils collected during the tank removal activities in 2003 (Lowney Associates, 2003) would be expected to naturally degrade over time.

Laboratory analysis of ground water grab samples collected from the two exploratory borings did not detect gasoline-range petroleum hydrocarbons above the laboratory detection thresholds. No BTEX compounds, MTBE, or other fuel oxygenates were detected in the ground water samples. No further work appears required.

Based on the above information, this site should be considered for no further action by the County of Alameda Environmental Health Department. We recommend that a copy of this report be sent to the California Regional Water Quality Control Board and ACEHD for their review.

4.0 LIMITATIONS

This report was prepared for the use of Pleasanton Gravel Company in evaluating soil and ground water quality at the El Charro Ranch at the time of this study. We make no warranty, expressed or implied, except that our services have been performed in accordance with environmental principles generally accepted at this time and location. The chemical and other data presented in this report can change over time and are applicable only to the time this study was performed. We are not responsible for the data presented by others.

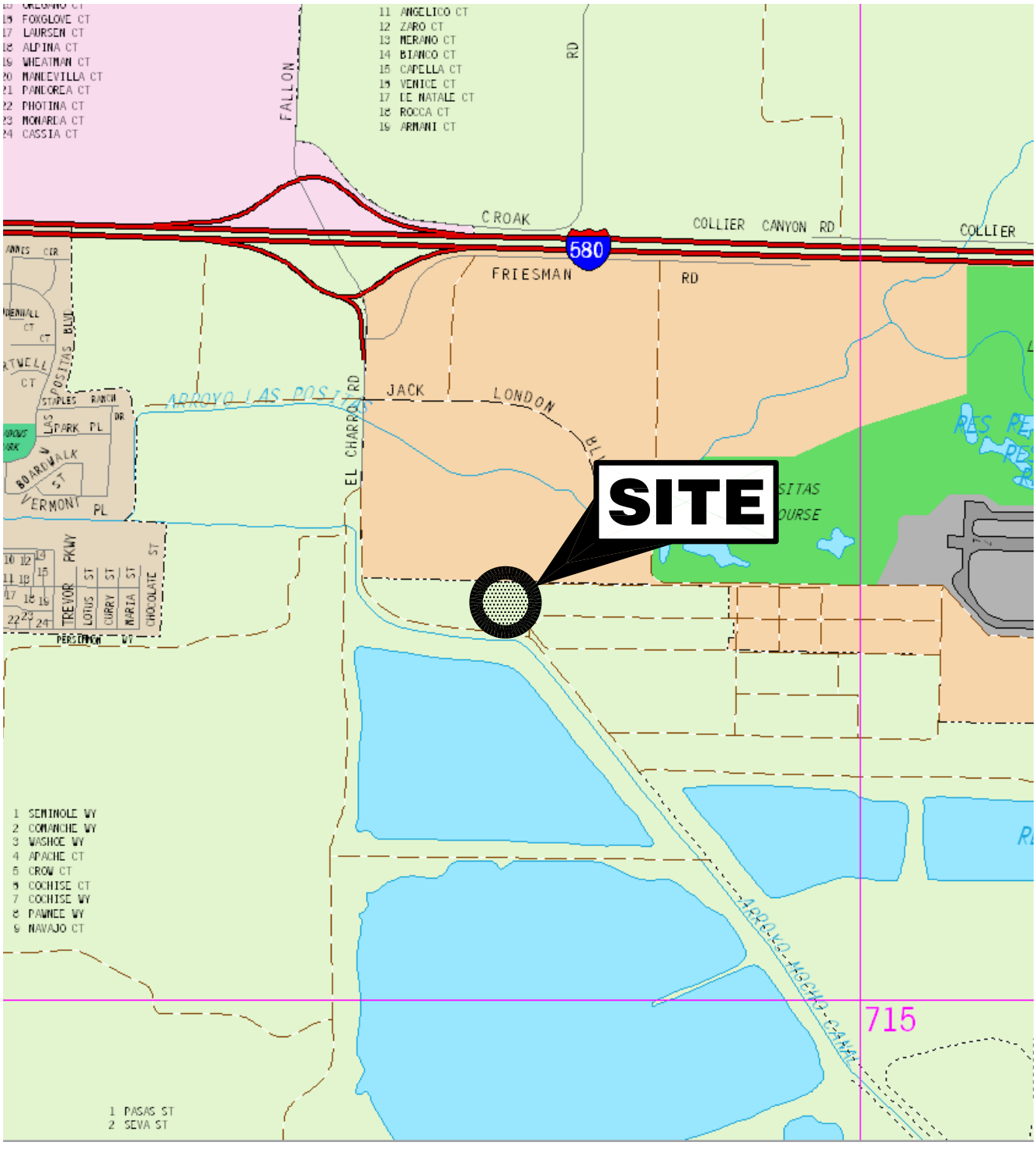
The accuracy and reliability of geo- or hydrochemical studies are a reflection of the number and type of samples taken and extent of the analyses conducted, and are thus inherently limited and dependent upon the resources expended. Chemical analyses were performed for specific parameters during this investigation, as detailed in the scope of services. Please note that additional constituents not analyzed for during this evaluation may be present in soil and ground water at the site. Our sampling and analytical plan was designed using accepted environmental principles and our judgment for the performance of a soil and ground water quality evaluation and was based on the degree of investigation approved by you. It is possible to obtain a greater degree of certainty, if desired, by implementing a more rigorous soil and ground water sampling program or evaluating the risk posed by the contaminants detected, if any.

5.0 REFERENCES

Alameda County Environmental Health. November 30, 2003*. Fuel Leak Case No. RO0002539, Airdance Farm LLC, 770 El Charro Road, Pleasanton, CA – Request for Work Plan*

Lowney Associates. April 9, 2003*. Underground Storage Tank Removal, 770 El Charro Road, Pleasanton, California.*

* * * * * * * * * * * * *



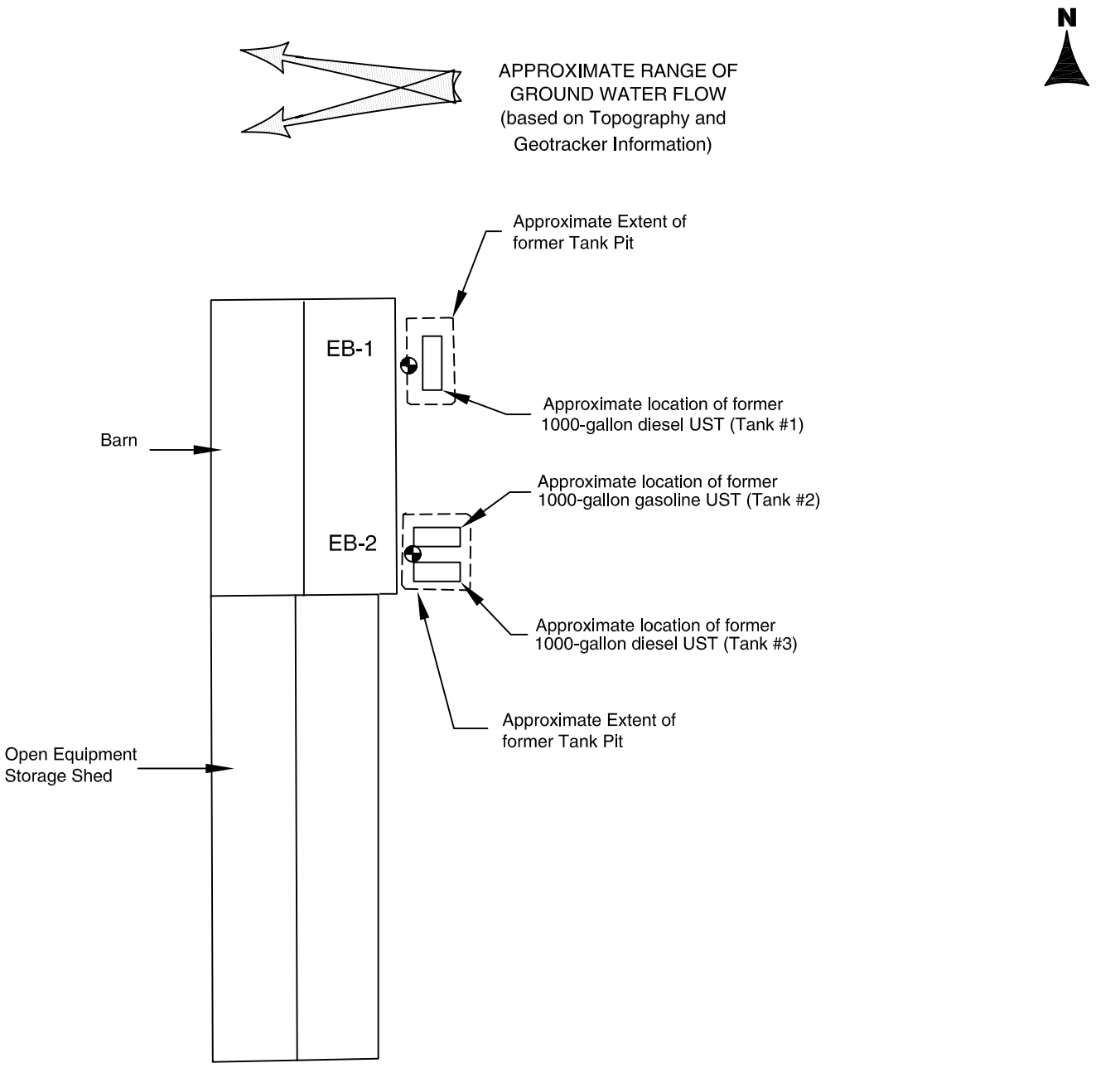
3/03*EB

VICINITY MAP

770 EL CHARRO ROAD
Pleasanton, California

TRC Lowney

FIGURE 1
P15927



LEGEND

⊕ - Approximate location of exploratory boring

0 40

Scale Feet

Approximate Scale

SITE PLAN AND PROPOSED BORING LOCATIONS

770 EL CHARRO ROAD
Pleasanton, California

TRC Lowney

FIGURE 2
P15927

APPENDIX A
SUBSURFACE INVESTIGATION, AND SOIL SAMPLING

Drilling: The subsurface investigation was performed on April 12 and 13, 2006 using a truck-mounted drill rig equipped with a 6-inch O.D. hollow-stem auger. Two soil borings were drilled to depths of approximately 50 feet. The standard penetration resistance blow counts were obtained by dropping a 140-pound hammer through a 30-inch free fall. The blows per foot recorded on the boring logs represent the accumulated number of blows required to drive the sampler the last 12 inches of the interval indicated. Soil samples were collected at approximately 5-foot depth intervals using a 2.5-inch diameter modified California split-spoon sampler.

Soils encountered in the borings were logged using the Unified Soil Classification System (ASTM D-2487). The logs of the borings, as well as a key to the classification of soil (Figure A-1), are included as part of this appendix. Permits obtained for the borings are also included.

Soil Sampling: Soil samples for laboratory analysis were collected in brass liners. The ends of the liners were covered in aluminum foil or Teflon film, fitted with plastic end caps, taped, and labeled with a unique identification number. The samples were then placed in an ice-chilled cooler, and transported to a state-certified analytical laboratory with chain of custody documentation. Soil vapors from each sample were also monitored with an OVM by first placing the soil in a Ziplock™ bag for several minutes. The OVM probe was then used to pierce the bag and record the organic vapor levels present.

Ground Water Sampling: Due to the presence of coarse gravel just above the ground water table, boring EB-1 was advanced approximately 5 feet into the water bearing zone. A ¾-inch I.D. flush-threaded, PVC casing was lowered through the augers into the bore hole. The lower portion of the casing had factory machined slots to allow for the infiltration of ground water. Ground water was collected using a small diameter Teflon bailer.

A hydropunch sampling device was used to collect ground water sample in boring EB-2. After the boring was advanced to just above the ground water table, a hydropunch sampling device, consisting of a stainless steel probe, was advanced approximately 4 feet into the water-bearing zone. The probe then was withdrawn several feet to expose an internal screen. Ground water was collected from inside the screen using a small diameter Teflon bailer. The ground water samples were placed in appropriate sample bottles labeled with a unique identification number. The samples then were placed in an ice-chilled cooler and transported to a state-certified analytical laboratory with chain of custody documentation.

Equipment Decontamination: All drilling and sampling equipment was cleaned in a solution of laboratory grade detergent and distilled water or steam cleaned before use at each sampling point.

PRIMARY DIVISIONS			SOIL TYPE		SECONDARY DIVISIONS
COARSE GRAINED SOILS (MORE THAN HALF OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE)	GRAVELS (MORE THAN HALF OF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE)	CLEAN GRAVELS (Less than 5% Fines)	GW		Well graded gravels, gravel–sand mixtures, little or no fines
			GP		Poorly graded gravels or gravel–sand mixtures, little or no fines
		GRAVEL WITH FINES	GM		Silty gravels, gravel–sand–silt mixtures, plastic fines
			GC		Clayey gravels, gravel–sand–clay mixtures, plastic fines
	SANDS (MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE)	CLEAN SANDS (Less than 5% Fines)	SW		Well graded sands, gravelly sands, little or no fines
			SP		Poorly graded sands or gravelly sands, little or no fines
		SANDS WITH FINES	SM		Silty sands, sand–silt–mixtures, non–plastic fines
			SC		Clayey sands, sand–clay mixtures, plastic fines
FINE GRAINED SOILS (MORE THAN HALF OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE)	SILTS AND CLAYS (LIQUID LIMIT IS LESS THAN 50 %)		ML		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
			CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL		Organic silts and organic silty clays of low plasticity
	SILTS AND CLAYS (LIQUID LIMIT IS GREATER THAN 50 %)		MH		Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
			CH		Inorganic clays of high plasticity, fat clays
			OH		Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS			PT		Peat and other highly organic soils

DEFINITION OF TERMS

U.S. STANDARD SIEVE SIZE: 200, 40, 10, 4 — CLEAR SQUARE SIEVE OPENINGS: 3/4", 3", 12"

SILTS AND CLAY	SAND			GRAVEL		COBBLES	BOULDERS
	FINE	MEDIUM	COARSE	FINE	COARSE		

GRAIN SIZES

SAMPLERS

SAND AND GRAVEL	BLOWS/FOOT*
VERY LOOSE	0–4
LOOSE	4–10
MEDIUM DENSE	10–30
DENSE	30–50
VERY DENSE	OVER 50

RELATIVE DENSITY

SILTS AND CLAYS	STRENGTH+	BLOWS/FOOT*
VERY SOFT	0–1/4	0–2
SOFT	1/4–1/2	2–4
MEDIUM STIFF	1/2–1	4–8
STIFF	1–2	8–16
VERY STIFF	2–4	16–32
HARD	OVER 4	OVER 32

CONSISTENCY

*Number of blows of 140 pound hammer falling 30 inches to drive a 2–inch O.D. (1–3/8 inch I.D.) split spoon (ASTM D–1586).
+Unconfined compressive strength in tons/sq.ft. as determined by laboratory testing or approximated by the standard penetration test (ASTM D–1586), pocket penetrometer, torvane, or visual observation.

KEY TO EXPLORATORY BORING LOGS

Unified Soil Classification System (ASTM D–2487)

TRC Lowney

FIGURE A-1

1989-22

EXPLORATORY BORING: EB-1

DRILL RIG:
BORING TYPE: ROTARY HOLLOW STEM AUGER
LOGGED BY: KLB
START DATE: 4-12-06 FINISH DATE: 4-12-06

PROJECT NO: 1888-1
PROJECT: EL CHARRO
LOCATION:
COMPLETION DEPTH: 55.0 FT.

This log is a part of a report by Lowney Associates, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (FT)	DEPTH (FT)	SOIL LEGEND	MATERIAL DESCRIPTION AND REMARKS	SOIL TYPE	PENETRATION RESISTANCE (BLOWS/FT.)	SAMPLER	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PID (ppm)
	0		SURFACE ELEVATION:						
			Gravel cover		9				
	5		**CLAY (CL)** medium stiff, damp, brown, some gray silty mottling, no odor	CL					0.2
	10		**FAT CLAY (CH)** stiff, damp, light brown, trace charcoal, no odor	CH	6				2.8
	15		some tan, gray mottling, trace pebbles						
	20		rounded pebbles 1-2 cm (40-50%)						
	25				6				
			SILTY GRAVEL (GM) light brown, damp, 1 cm angular or fractured chert clasts	GM					3.1
	30		*Continued Next Page*						

Undrained Shear Strength (ksf)
○ Pocket Penetrometer
△ Torvane
● Unconfined Compression
▲ U-U Triaxial Compression
1.0 2.0 3.0 4.0

GROUND WATER OBSERVATIONS:
▽: FREE GROUND WATER MEASURED DURING DRILLING AT 49.8 FEET

LA_CORP.GDT 5/5/06 OAK*

TRC Lowney

EXPLORATORY BORING: EB-1 Cont'd

DRILL RIG:
BORING TYPE: ROTARY HOLLOW STEM AUGER
LOGGED BY: KLB
START DATE: 4-12-06 FINISH DATE: 4-12-06

PROJECT NO: 1888-1
PROJECT: EL CHARRO
LOCATION:
COMPLETION DEPTH: 55.0 FT.

This log is a part of a report by Lowney Associates, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (FT)	DEPTH (FT)	SOIL LEGEND	MATERIAL DESCRIPTION AND REMARKS	SOIL TYPE	PENETRATION RESISTANCE (BLOWS/FT.)	SAMPLER	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PID (ppm)
	30		**SILTY GRAVEL (GM)** light brown, damp, 1 cm angular or fractured chert clasts						
	35			GM	6				20.1
	40		**CLAY GRAVEL (GC)** moist, light brown, 1 cm rounded and fractured clasts						3.1
	45		wet		6				13.7
				GC					
▽	50		light brown sandy gravel, wet		6				23.4
	55		Bottom of Boring at 55 feet						
	60								

Undrained Shear Strength (ksf)
○ Pocket Penetrometer
△ Torvane
● Unconfined Compression
▲ U-U Triaxial Compression
1.0 2.0 3.0 4.0

GROUND WATER OBSERVATIONS:
▽: FREE GROUND WATER MEASURED DURING DRILLING AT 49.8 FEET

LA_CORP.GDT 5/5/06 OAK*

TRC Lowney

EXPLORATORY BORING: EB-2

DRILL RIG:
BORING TYPE: ROTARY HOLLOW STEM AUGER
LOGGED BY: KLB
START DATE: 4-12-06 FINISH DATE: 4-12-06

PROJECT NO: 1888-1
PROJECT: EL CHARRO
LOCATION:
COMPLETION DEPTH: 56.0 FT.

This log is a part of a report by Lowney Associates, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

ELEVATION (FT)	DEPTH (FT)	SOIL LEGEND	MATERIAL DESCRIPTION AND REMARKS	SOIL TYPE	PENETRATION RESISTANCE (BLOWS/FT.)	SAMPLER	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PID (ppm)
	0		SURFACE ELEVATION:						
	0		**SILTY GRAVEL (GM)** moist, brown, no odor	GM					
	10		**FAT CLAY (CH)** stiff, brown, moist, trace charcoal, no odor						
	15		trace rootlets, small pebbles	CH					0
	20		no rootlets						0
	25		**SILTY GRAVEL AND SAND (GM)** damp, brown, fractured rounded pebbles, poorly sorted	GM					0
	30		*Continued Next Page*						

Undrained Shear Strength (ksf)
○ Pocket Penetrometer
△ Torvane
● Unconfined Compression
▲ U-U Triaxial Compression
1.0 2.0 3.0 4.0

GROUND WATER OBSERVATIONS:
▽: FREE GROUND WATER MEASURED DURING DRILLING AT 49.2 FEET

LA_CORP.GDT 5/5/06 OAK*

TRC Lowney

EXPLORATORY BORING: EB-2 Cont'd

DRILL RIG:
BORING TYPE: ROTARY HOLLOW STEM AUGER
LOGGED BY: KLB
START DATE: 4-12-06 FINISH DATE: 4-12-06

PROJECT NO: 1888-1
PROJECT: EL CHARRO
LOCATION:
COMPLETION DEPTH: 56.0 FT.

ELEVATION (FT) | DEPTH (FT) | SOIL LEGEND

This log is a part of a report by Lowney Associates, and should not be used as a stand-alone document. This description applies only to the location of the exploration at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with time. The description presented is a simplification of actual conditions encountered. Transitions between soil types may be gradual.

MATERIAL DESCRIPTION AND REMARKS

SOIL TYPE | PENETRATION RESISTANCE (BLOWS/FT.) | SAMPLER | MOISTURE CONTENT (%) | DRY DENSITY (PCF) | PID (ppm)

Undrained Shear Strength (ksf)
○ Pocket Penetrometer
△ Torvane
● Unconfined Compression
▲ U-U Triaxial Compression
1.0 2.0 3.0 4.0

30
SILTY GRAVEL AND SAND (GM)
damp, brown, fractured rounded pebbles, poorly sorted
moist, larger clasts (1-2 cm)

PID: 2.2

35

PID: 20.4

40

PID: 0.1

GM

caliche clasts (3-4 cm)

45

50

55
Multi-colored coarse sand, wet, graded, sorted, fining upward

GM

SILTY GRAVEL AND SAND (GM)
damp, brown, fractured rounded pebbles, poorly sorted
Bottom of Boring at 56 feet

60

GROUND WATER OBSERVATIONS:
▽: FREE GROUND WATER MEASURED DURING DRILLING AT 49.2 FEET

LA_CORP.GDT 5/5/06 OAK*

TRC Lowney

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

100 NORTH CANYONS PARKWAY, LIVERMORE, CA 94551 PHONE (925) 454-5000

April 3, 2006

Mr. Charles Mettler
TRC Lowney
167 Filbert Street
Oakland, CA 94607

Dear Mr. Mettler:

Enclosed is drilling permit 26055 for a contamination investigation at 770 El Charro Road in Pleasanton for Pleasanton Gravel Company. Also enclosed is a current drilling permit application for your files. Drilling permit applications for future projects can also be downloaded from our web site at www.zone7water.com.

Please note that permit conditions A-2 and G requires that a report be submitted after completion of the work. The report should include drilling and completion logs, location sketch, permit number and any analysis of the soil and water samples. Please submit the original of your completion report. We will forward your submittal to the California Department of Water Resources.

If you have any questions, please contact me at extension 5056 or Matt Katen at extension 5071.

Sincerely,

Wyman Hong

Wyman Hong
Water Resources Specialist

Enc.

RECEIVED
APR 05 2006
BY: TRC Lowney/Oc

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 454-5728

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 770 EL CHARRO RD
PLEASANTON, CA

California Coordinates Source _____ ft. Accuracy _____ ft.
CCN _____ ft. CCE _____ ft.
APN _____

CLIENT
Name PLEASANTON GRAVEL COMPANY
Address 501 EL CHARRO Phone _____
City PLEASANTON Zip 94566

APPLICANT
Name TRC LOWNEY
Fax 510-267-1972
Address 167 FILBERT ST Phone 510-267-1970 x 209
City OAKLAND, CA Zip 94607

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	••	General	••
Water Supply	••	Contamination	••
Monitoring	••	Well Destruction	••

PROPOSED WELL USE

New Domestic	••	Irrigation	••
Municipal	••	Remediation	••
Industrial	••	Groundwater Monitoring	••
Dewatering	••	Other _____	••

DRILLING METHOD:

Mud Rotary	••	Air Rotary	••	Hollow Stem Auger	••
Cable Tool	••	Direct Push	••	Other _____	••

DRILLING COMPANY RESONANT SONIC INC.
DRILLER'S LICENSE NO. (C-57) 802334

WELL PROJECTS
Drill Hole Diameter _____ in. Maximum
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

SOIL BORINGS
Number of Borings 2 Maximum
Hole Diameter 8 in. Depth 100 ft.*
*DEP. ON GW

ESTIMATED STARTING DATE APRIL 4, 2006
ESTIMATED COMPLETION DATE APRIL 6, 2006

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.
APPLICANT'S
SIGNATURE _____ Date 3/24/06

ATTACH SITE PLAN OR SKETCH

PERMIT NUMBER _____
WELL NUMBER _____
APN _____

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

A. GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
4. A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

G. SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after the completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved _____ Date _____
Wyman Hong

Revised: April 27, 2005

APPENDIX B
ANALYTICAL RESULTS

The chilled samples were delivered to a state-certified analytical laboratory. Chain of custody documentation was maintained for all samples. Attached are copies of the analytical results and the chain of custody forms.

TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

www.torrentlab.com

April 21, 2006

Charles Mettler
TRC Lowney Associates
167 Filbert St.
Oakland, CA 94607

TEL: (510) 267-1970
FAX (510) 267-1972

RE: 1888-1

Order No.: 0604085

Dear Charles Mettler:

Torrent Laboratory, Inc. received 17 samples on 4/14/2006 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

Laboratory Director 4/21/06 Date

Patti Sandrock
QA Officer

RECEIVED
APR 27 2006
BY: TRC Lowney Oh

TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

www.torrentlab.com

Torrent Laboratory, Inc. **Date:** *21-Apr-06*

CLIENT: TRC Lowney Associates
Project: 1888-1
Lab Order: 0604085

CASE NARRATIVE

Analytical Comments for METHOD 8260B_W_PETROLEUM, For all samples: No Ethanol found by TIC .

TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report prepared for: Charles Mettler
TRC Lowney Associates

Date Received: 4/14/2006
Date Reported: 4/21/2006

Client Sample ID: EB-1@ 14 1/2-15
Sample Location: 770- EL CHARRO RD
Sample Matrix: SOIL
Date/Time Sampled 4/12/2006

Lab Sample ID: 0604085-002
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	4/18/2006	2	1	2.00	ND	mg/Kg	R9237
Surr: Pentacosane	SW8015B	4/18/2006	0	1	28-125	83.2	%REC	R9237
TPH (Gasoline)	SW8015B	4/18/2006	0.1	1	0.100	ND	mg/Kg	R9236
Surr: Trifluorotoluene	SW8015B	4/18/2006	0	1	65-135	83.8	%REC	R9236
1,2-Dibromoethane (EDB)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
1,2-Dichloroethane (EDC)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Benzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethyl tert-butyl ether (ETBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethylbenzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Isopropyl ether (DIPE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Methyl tert-butyl ether (MTBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
t-Butyl alcohol (t-Butanol)	SW8260B	4/17/2006	50	1	50	ND	µg/Kg	R9216
tert-Amyl methyl ether (TAME)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Toluene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Xylenes, Total	SW8260B	4/17/2006	20	1	20	ND	µg/Kg	R9216
Surr: 4-Bromofluorobenzene	SW8260B	4/17/2006	0	1	62.8-123	117	%REC	R9216
Surr: Dibromofluoromethane	SW8260B	4/17/2006	0	1	67.4-141	104	%REC	R9216
Surr: Toluene-d8	SW8260B	4/17/2006	0	1	65.2-127	78.5	%REC	R9216

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Charles Mettler
TRC Lowney Associates

Date Received: 4/14/2006
Date Reported: 4/21/2006

Client Sample ID: EB-1@34 1/2-35
Sample Location: 770- EL CHARRO RD
Sample Matrix: SOIL
Date/Time Sampled 4/12/2006

Lab Sample ID: 0604085-004
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	4/18/2006	2	1	2.00	ND	mg/Kg	R9237
Surr: Pentacosane	SW8015B	4/18/2006	0	1	28-125	87.0	%REC	R9237
TPH (Gasoline)	SW8015B	4/17/2006	0.1	1	0.100	ND	mg/Kg	R9207
Surr: Trifluorotoluene	SW8015B	4/17/2006	0	1	65-135	87.3	%REC	R9207
1,2-Dibromoethane (EDB)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
1,2-Dichloroethane (EDC)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Benzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethyl tert-butyl ether (ETBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethylbenzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Isopropyl ether (DIPE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Methyl tert-butyl ether (MTBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
t-Butyl alcohol (t-Butanol)	SW8260B	4/17/2006	50	1	50	ND	µg/Kg	R9216
tert-Amyl methyl ether (TAME)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Toluene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Xylenes, Total	SW8260B	4/17/2006	20	1	20	ND	µg/Kg	R9216
Surr: 4-Bromofluorobenzene	SW8260B	4/17/2006	0	1	62.8-123	115	%REC	R9216
Surr: Dibromofluoromethane	SW8260B	4/17/2006	0	1	67.4-141	106	%REC	R9216
Surr: Toluene-d8	SW8260B	4/17/2006	0	1	65.2-127	80.3	%REC	R9216

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Charles Mettler
TRC Lowney Associates

Date Received: 4/14/2006
Date Reported: 4/21/2006

Client Sample ID: EB-1@49 1/2-50
Sample Location: 770- EL CHARRO RD
Sample Matrix: SOIL
Date/Time Sampled 4/13/2006

Lab Sample ID: 0604085-006
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	4/18/2006	2	1	2.00	ND	mg/Kg	R9237
Surr: Pentacosane	SW8015B	4/18/2006	0	1	28-125	87.0	%REC	R9237
TPH (Gasoline)	SW8015B	4/17/2006	0.1	1	0.100	ND	mg/Kg	R9207
Surr: Trifluorotoluene	SW8015B	4/17/2006	0	1	65-135	92.2	%REC	R9207
1,2-Dibromoethane (EDB)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
1,2-Dichloroethane (EDC)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Benzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethyl tert-butyl ether (ETBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethylbenzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Isopropyl ether (DIPE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Methyl tert-butyl ether (MTBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
t-Butyl alcohol (t-Butanol)	SW8260B	4/17/2006	50	1	50	ND	µg/Kg	R9216
tert-Amyl methyl ether (TAME)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Toluene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Xylenes, Total	SW8260B	4/17/2006	20	1	20	ND	µg/Kg	R9216
Surr: 4-Bromofluorobenzene	SW8260B	4/17/2006	0	1	62.8-123	118	%REC	R9216
Surr: Dibromofluoromethane	SW8260B	4/17/2006	0	1	67.4-141	109	%REC	R9216
Surr: Toluene-d8	SW8260B	4/17/2006	0	1	65.2-127	81.7	%REC	R9216

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Charles Mettler
TRC Lowney Associates

Date Received: 4/14/2006
Date Reported: 4/21/2006

Client Sample ID: EB-2@14 1/2-15
Sample Location: 770- EL CHARRD RD
Sample Matrix: SOIL
Date/Time Sampled 4/13/2006

Lab Sample ID: 0604085-009
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	4/18/2006	2	1	2.00	ND	mg/Kg	R9237
Surr: Pentacosane	SW8015B	4/18/2006	0	1	28-125	78.1	%REC	R9237
TPH (Gasoline)	SW8015B	4/17/2006	0.1	1	0.100	ND	mg/Kg	R9207
Surr: Trifluorotoluene	SW8015B	4/17/2006	0	1	65-135	85.6	%REC	R9207
1,2-Dibromoethane (EDB)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
1,2-Dichloroethane (EDC)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Benzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethyl tert-butyl ether (ETBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethylbenzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Isopropyl ether (DIPE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Methyl tert-butyl ether (MTBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
t-Butyl alcohol (t-Butanol)	SW8260B	4/17/2006	50	1	50	ND	µg/Kg	R9216
tert-Amyl methyl ether (TAME)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Toluene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Xylenes, Total	SW8260B	4/17/2006	20	1	20	ND	µg/Kg	R9216
Surr: 4-Bromofluorobenzene	SW8260B	4/17/2006	0	1	62.8-123	116	%REC	R9216
Surr: Dibromofluoromethane	SW8260B	4/17/2006	0	1	67.4-141	109	%REC	R9216
Surr: Toluene-d8	SW8260B	4/17/2006	0	1	65.2-127	83.1	%REC	R9216

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Charles Mettler
TRC Lowney Associates

Date Received: 4/14/2006
Date Reported: 4/21/2006

Client Sample ID: EB-2@34 1/2-35
Sample Location: 770- EL CHARRO RD
Sample Matrix: SOIL
Date/Time Sampled 4/13/2006

Lab Sample ID: 0604085-012
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	4/18/2006	2	1	2.00	ND	mg/Kg	R9237
Surr: Pentacosane	SW8015B	4/18/2006	0	1	28-125	84.0	%REC	R9237
TPH (Gasoline)	SW8015B	4/17/2006	0.1	1	0.100	ND	mg/Kg	R9207
Surr: Trifluorotoluene	SW8015B	4/17/2006	0	1	65-135	87.6	%REC	R9207
1,2-Dibromoethane (EDB)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
1,2-Dichloroethane (EDC)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Benzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethyl tert-butyl ether (ETBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethylbenzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Isopropyl ether (DIPE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Methyl tert-butyl ether (MTBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
t-Butyl alcohol (t-Butanol)	SW8260B	4/17/2006	50	1	50	ND	µg/Kg	R9216
tert-Amyl methyl ether (TAME)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Toluene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Xylenes, Total	SW8260B	4/17/2006	20	1	20	ND	µg/Kg	R9216
Surr: 4-Bromofluorobenzene	SW8260B	4/17/2006	0	1	62.8-123	109	%REC	R9216
Surr: Dibromofluoromethane	SW8260B	4/17/2006	0	1	67.4-141	99.3	%REC	R9216
Surr: Toluene-d8	SW8260B	4/17/2006	0	1	65.2-127	81.1	%REC	R9216

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Charles Mettler
TRC Lowney Associates

Date Received: 4/14/2006
Date Reported: 4/21/2006

Client Sample ID: EB-2@49 1/2-50
Sample Location: 770- EL CHARRO RD
Sample Matrix: SOIL
Date/Time Sampled 4/13/2006

Lab Sample ID: 0604085-014
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	4/18/2006	2	1	2.00	ND	mg/Kg	R9237
Surr: Pentacosane	SW8015B	4/18/2006	0	1	28-125	81.6	%REC	R9237
TPH (Gasoline)	SW8015B	4/17/2006	0.1	1	0.100	ND	mg/Kg	R9207
Surr: Trifluorotoluene	SW8015B	4/17/2006	0	1	65-135	84.7	%REC	R9207
1,2-Dibromoethane (EDB)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
1,2-Dichloroethane (EDC)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Benzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethyl tert-butyl ether (ETBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Ethylbenzene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Isopropyl ether (DIPE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Methyl tert-butyl ether (MTBE)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
t-Butyl alcohol (t-Butanol)	SW8260B	4/17/2006	50	1	50	ND	µg/Kg	R9216
tert-Amyl methyl ether (TAME)	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Toluene	SW8260B	4/17/2006	10	1	10	ND	µg/Kg	R9216
Xylenes, Total	SW8260B	4/17/2006	20	1	20	ND	µg/Kg	R9216
Surr: 4-Bromofluorobenzene	SW8260B	4/17/2006	0	1	62.8-123	111	%REC	R9216
Surr: Dibromofluoromethane	SW8260B	4/17/2006	0	1	67.4-141	102	%REC	R9216
Surr: Toluene-d8	SW8260B	4/17/2006	0	1	65.2-127	77.0	%REC	R9216

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Charles Mettler
TRC Lowney Associates

Date Received: 4/14/2006
Date Reported: 4/21/2006

Client Sample ID: EB-1 GW
Sample Location: 770- EL CHARRO RD
Sample Matrix: WATER
Date/Time Sampled 4/13/2006 9:00:00 AM

Lab Sample ID: 0604085-016
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	4/20/2006	0.1	1	0.100	ND	mg/L	R9271
Surr: Pentacosane	SW8015B	4/20/2006	0	1	40-120	79.0	%REC	R9271
TPH (Gasoline)	SW8015B	4/19/2006	0.05	1	0.0500	ND	mg/L	R9265
Surr: Trifluorotoluene	SW8015B	4/19/2006	0	1	65-135	87.7	%REC	R9265
1,2-Dibromoethane (EDB)	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
1,2-Dichloroethane (EDC)	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
Benzene	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
Ethyl tert-butyl ether (ETBE)	SW8260B	4/18/2006	5	1	5.00	ND	µg/L	R9262
Ethylbenzene	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
Isopropyl ether (DIPE)	SW8260B	4/18/2006	5	1	5.00	ND	µg/L	R9262
Methyl tert-butyl ether (MTBE)	SW8260B	4/18/2006	3	1	3.00	ND	µg/L	R9262
t-Butyl alcohol (t-Butanol)	SW8260B	4/18/2006	10	1	10.0	ND	µg/L	R9262
tert-Amyl methyl ether (TAME)	SW8260B	4/18/2006	5	1	5.00	ND	µg/L	R9262
Toluene	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
Xylenes, Total	SW8260B	4/18/2006	2	1	2.00	ND	µg/L	R9262
Surr: Dibromofluoromethane	SW8260B	4/18/2006	0	1	61.2-131	117	%REC	R9262
Surr: 4-Bromofluorobenzene	SW8260B	4/18/2006	0	1	64.1-125	103	%REC	R9262
Surr: Toluene-d8	SW8260B	4/18/2006	0	1	75.1-127	86.1	%REC	R9262

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Charles Mettler
TRC Lowney Associates

Date Received: 4/14/2006
Date Reported: 4/21/2006

Client Sample ID: EB-2-GW
Sample Location: 770- EL CHARRO RD
Sample Matrix: WATER
Date/Time Sampled 4/13/2006 11:45:00 AM

Lab Sample ID: 0604085-017
Date Prepared:

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	4/20/2006	0.1	1	0.100	ND	mg/L	R9271
Surr: Pentacosane	SW8015B	4/20/2006	0	1	40-120	71.0	%REC	R9271
TPH (Gasoline)	SW8015B	4/19/2006	0.05	1	0.0500	ND	mg/L	R9265
Surr: Trifluorotoluene	SW8015B	4/19/2006	0	1	65-135	92.8	%REC	R9265
1,2-Dibromoethane (EDB)	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
1,2-Dichloroethane (EDC)	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
Benzene	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
Ethyl tert-butyl ether (ETBE)	SW8260B	4/18/2006	5	1	5.00	ND	µg/L	R9262
Ethylbenzene	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
Isopropyl ether (DIPE)	SW8260B	4/18/2006	5	1	5.00	ND	µg/L	R9262
Methyl tert-butyl ether (MTBE)	SW8260B	4/18/2006	3	1	3.00	ND	µg/L	R9262
t-Butyl alcohol (t-Butanol)	SW8260B	4/18/2006	10	1	10.0	ND	µg/L	R9262
tert-Amyl methyl ether (TAME)	SW8260B	4/18/2006	5	1	5.00	ND	µg/L	R9262
Toluene	SW8260B	4/18/2006	1	1	1.00	ND	µg/L	R9262
Xylenes, Total	SW8260B	4/18/2006	2	1	2.00	ND	µg/L	R9262
Surr: Dibromofluoromethane	SW8260B	4/18/2006	0	1	61.2-131	104	%REC	R9262
Surr: 4-Bromofluorobenzene	SW8260B	4/18/2006	0	1	64.1-125	97.8	%REC	R9262
Surr: Toluene-d8	SW8260B	4/18/2006	0	1	75.1-127	83.9	%REC	R9262

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

CLIENT: TRC Lowney Associates
Work Order: 0604085
Project: 1888-1

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260B_S_PETROLEUM

Sample ID **0604085-012A MS**	SampType: **MS**	TestCode: **8260B_S_PE**	Units: **µg/Kg**	Prep Date: **4/17/2006**	RunNo: **9216**
Client ID: **EB-2@34 1/2-35**	Batch ID: **R9216**	TestNo: **SW8260B**		Analysis Date: **4/17/2006**	SeqNo: **136879**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	44.78	10	50	0	89.6	68.2	132				
Toluene	34.58	10	50	0	69.2	64.2	137				
Surr: 4-Bromofluorobenzene	56.72	0	50	0	113	62.8	123				
Surr: Dibromofluoromethane	56.85	0	50	0	114	67.4	141				
Surr: Toluene-d8	43.04	0	50	0	86.1	60.8	124				

Sample ID **0604085-012A MSD**	SampType: **MSD**	TestCode: **8260B_S_PE**	Units: **µg/Kg**	Prep Date: **4/18/2006**	RunNo: **9216**
Client ID: **EB-2@34 1/2-35**	Batch ID: **R9216**	TestNo: **SW8260B**		Analysis Date: **4/18/2006**	SeqNo: **136880**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	52.37	10	50	0	105	68.2	132	44.78	15.6	30	
Toluene	44.58	10	50	0	89.2	64.2	137	34.58	25.3	30	
Surr: 4-Bromofluorobenzene	52.17	0	50	0	104	62.8	123	0	0	0	
Surr: Dibromofluoromethane	51.70	0	50	0	103	67.4	141	0	0	0	
Surr: Toluene-d8	40.93	0	50	0	81.9	60.8	124	0	0	0	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: TRC Lowney Associates
Work Order: 0604085
Project: 1888-1

ANALYTICAL QC SUMMARY REPORT

TestCode: TPHDSG_S

Sample ID SDSG060417A-MB	SampType: MBLK	TestCode: TPHDSG_S	Units: mg/Kg	Prep Date: 4/17/2006	RunNo: 9237
Client ID: ZZZZZ	Batch ID: R9237	TestNo: SW8015B		Analysis Date: 4/17/2006	SeqNo: 137073

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	2.00									
Surr: Pentacosane	2.977	0	3.3	0	90.2	28	125				

Sample ID SDSG060417A-LCS	SampType: LCS	TestCode: TPHDSG_S	Units: mg/Kg	Prep Date: 4/17/2006	RunNo: 9237
Client ID: ZZZZZ	Batch ID: R9237	TestNo: SW8015B		Analysis Date: 4/17/2006	SeqNo: 137074

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	22.34	2.00	33.33	0	67.0	26.6	128				
Surr: Pentacosane	2.633	0	3.3	0	79.8	28	125				

Sample ID SDSG060417A-LCS	SampType: LCSD	TestCode: TPHDSG_S	Units: mg/Kg	Prep Date: 4/17/2006	RunNo: 9237
Client ID: ZZZZZ	Batch ID: R9237	TestNo: SW8015B		Analysis Date: 4/17/2006	SeqNo: 137075

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	23.36	2.00	33.33	0	70.1	26.6	128	22.34	4.48	30	
Surr: Pentacosane	2.819	0	3.3	0	85.4	28	125	0	0	0	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: TRC Lowney Associates
Work Order: 0604085
Project: 1888-1

ANALYTICAL QC SUMMARY REPORT

TestCode: TPHDSG_W

Sample ID **WDSG060419A-MB**	SampType: **MBLK**	TestCode: **TPHDSG_W**	Units: **mg/L**	Prep Date: **4/19/2006**	RunNo: **9271**
Client ID: **ZZZZZ**	Batch ID: **R9271**	TestNo: **SW8015B**		Analysis Date: **4/20/2006**	SeqNo: **137515**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	0.100									
Surr: Pentacosane	0.08800	0	0.1	0	88.0	53.3	124				

Sample ID **WDSG060419A-LCS**	SampType: **LCS**	TestCode: **TPHDSG_W**	Units: **mg/L**	Prep Date: **4/19/2006**	RunNo: **9271**
Client ID: **ZZZZZ**	Batch ID: **R9271**	TestNo: **SW8015B**		Analysis Date: **4/20/2006**	SeqNo: **137516**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	0.5540	0.100	1	0	55.4	30	68.5				
Surr: Pentacosane	0.08400	0	0.1	0	84.0	46.8	104				

Sample ID **WDSG060419A-LCS**	SampType: **LCSD**	TestCode: **TPHDSG_W**	Units: **mg/L**	Prep Date: **4/19/2006**	RunNo: **9271**
Client ID: **ZZZZZ**	Batch ID: **R9271**	TestNo: **SW8015B**		Analysis Date: **4/20/2006**	SeqNo: **137517**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	0.5120	0.100	1	0	51.2	30	68.5	0.554	7.88	30	
Surr: Pentacosane	0.08600	0	0.1	0	86.0	46.8	104	0	0	0	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: TRC Lowney Associates
Work Order: 0604085
Project: 1888-1

ANALYTICAL QC SUMMARY REPORT

TestCode: TPHGAS_S

Sample ID **MB**	SampType: **MBLK**	TestCode: **TPHGAS_S**	Units: **mg/Kg**	Prep Date:			RunNo: **9207**			
Client ID: **ZZZZZ**	Batch ID: **R9207**	TestNo: **SW8015B**		Analysis Date: **4/17/2006**			SeqNo: **136777**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	0.100									
Surr: Trifluorotoluene	0.1750	0	0.2	0	87.5	65	135				

Sample ID **MB**	SampType: **MBLK**	TestCode: **TPHGAS_S**	Units: **mg/Kg**	Prep Date:			RunNo: **9236**			
Client ID: **ZZZZZ**	Batch ID: **R9236**	TestNo: **SW8015B**		Analysis Date: **4/18/2006**			SeqNo: **137067**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	0.100									
Surr: Trifluorotoluene	0.1943	0	0.2	0	97.2	65	135				

Sample ID **LCS**	SampType: **LCS**	TestCode: **TPHGAS_S**	Units: **mg/Kg**	Prep Date:			RunNo: **9207**			
Client ID: **ZZZZZ**	Batch ID: **R9207**	TestNo: **SW8015B**		Analysis Date: **4/17/2006**			SeqNo: **136767**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	1.006	0.100	1	0.0287	97.8	65	135				
Surr: Trifluorotoluene	0.1797	0	0.2	0	89.8	65	135				

Sample ID **LCS**	SampType: **LCS**	TestCode: **TPHGAS_S**	Units: **mg/Kg**	Prep Date:			RunNo: **9236**			
Client ID: **ZZZZZ**	Batch ID: **R9236**	TestNo: **SW8015B**		Analysis Date: **4/18/2006**			SeqNo: **137068**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	1.166	0.100	1	0.0234	114	65	135				
Surr: Trifluorotoluene	0.2170	0	0.2	0	108	65	135				

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **TPHGAS_S**	Units: **mg/Kg**	Prep Date:			RunNo: **9207**			
Client ID: **ZZZZZ**	Batch ID: **R9207**	TestNo: **SW8015B**		Analysis Date: **4/17/2006**			SeqNo: **136768**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	1.035	0.100	1	0.0287	101	65	135	1.006	2.78	30	
Surr: Trifluorotoluene	0.1941	0	0.2	0	97.0	65	135	0	0	30	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: TRC Lowney Associates
Work Order: 0604085
Project: 1888-1

ANALYTICAL QC SUMMARY REPORT

TestCode: TPHGAS_S

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **TPHGAS_S**	Units: **mg/Kg**	Prep Date:			RunNo: **9236**			
Client ID: **ZZZZZ**	Batch ID: **R9236**	TestNo: **SW8015B**		Analysis Date: **4/18/2006**			SeqNo: **137069**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.9535	0.100	1	0.0234	93.0	65	135	1.166	20.1	30	
Surr: Trifluorotoluene	0.1819	0	0.2	0	91.0	65	135	0	0	30	

Sample ID **0604085-012A MS**	SampType: **MS**	TestCode: **TPHGAS_S**	Units: **mg/Kg**	Prep Date:			RunNo: **9207**			
Client ID: **EB-2@34 1/2-35**	Batch ID: **R9207**	TestNo: **SW8015B**		Analysis Date: **4/17/2006**			SeqNo: **136774**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.7675	0.100	1	0	76.8	65	135				
Surr: Trifluorotoluene	0.1932	0	0.2	0	96.6	65	135				

Sample ID **0604085-012A MSD**	SampType: **MSD**	TestCode: **TPHGAS_S**	Units: **mg/Kg**	Prep Date:			RunNo: **9207**			
Client ID: **EB-2@34 1/2-35**	Batch ID: **R9207**	TestNo: **SW8015B**		Analysis Date: **4/18/2006**			SeqNo: **136775**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.7703	0.100	1	0	77.0	65	135	0.7675	0.364	30	
Surr: Trifluorotoluene	0.1677	0	0.2	0	83.8	65	135	0	0	30	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: TRC Lowney Associates
Work Order: 0604085
Project: 1888-1

ANALYTICAL QC SUMMARY REPORT

TestCode: TPHGAS_W

Sample ID **MB**	SampType: **MBLK**	TestCode: **TPHGAS_W**	Units: **mg/L**	Prep Date:	RunNo: **9265**
Client ID: **ZZZZZ**	Batch ID: **R9265**	TestNo: **SW8015B**		Analysis Date: **4/19/2006**	SeqNo: **137435**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	0.0500									
Surr: Trifluorotoluene	0.1014	0	0.119	0	85.2	65	135				

Sample ID **LCS**	SampType: **LCS**	TestCode: **TPHGAS_W**	Units: **mg/L**	Prep Date:	RunNo: **9265**
Client ID: **ZZZZZ**	Batch ID: **R9265**	TestNo: **SW8015B**		Analysis Date: **4/20/2006**	SeqNo: **137436**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.1979	0.0500	0.2381	0	83.1	65	135				
Surr: Trifluorotoluene	0.1165	0	0.119	0	97.9	65	135				

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **TPHGAS_W**	Units: **mg/L**	Prep Date:	RunNo: **9265**
Client ID: **ZZZZZ**	Batch ID: **R9265**	TestNo: **SW8015B**		Analysis Date: **4/19/2006**	SeqNo: **137441**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.2195	0.0500	0.2381	0	92.2	65	135	0.1979	10.3	20	
Surr: Trifluorotoluene	0.1179	0	0.119	0	99.1	65	135	0	0	20	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

TRC Lowney

CHAIN OF CUSTODY RECORD

☐ **Mountain View Office**
405 Clyde Ave.
Mountain View 94043
Tel: 650.967.2365
Fax: 650.967.2785

☒ **Oakland Office**
167 Filbert St.
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Fullerton 92835
Tel: 714.441.3090
Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

Project Name: 76EL CHARRO RD

Job No.: 1888-1

Report To: CHARLES METTLER

Sampler (print): KIER BASS

Sampler (signature):

Electronic Deliverable Format Required: ☐ YES ☐ NO

EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF

Global ID # :

Turnaround Requirements

- ☒ 5 Working Days
- ☐ 48 Hours
- ☐ 24 Hours
- ☐ 2-3 Hours RUSH
- ☐ _____

QC Requirement: ☒ Level A (standard)

ANALYSES REQUESTED 0604085

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont.	Preserved?	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☒8260	TPH as diesel (8015M) ☒add silica gel column ☐add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260 + ETOH	PAHs (8310)	PCBs (8082)				Remarks
EB2 @ ½-1	4/12/06		001A	SOIL	1	NO													
EB-1 14½-15	"		002A	"	1	NO	X	X					X						HOLD
EB-1 24½-25	"		003A	"	1	NO													
EB-1 34½-35	"		004A	"	1	NO	X	X					X						HOLD
EB-1 44½-45	"		005A	"	1	NO													
EB-1 49½-50	4/13/06		006A	SOIL	1	NO	X	X					X						HOLD
EB-2 4½-5	"		007A	"	1	NO													
EB-2 9½-10	"		008A	"	1	NO													HOLD
EB-2 14½-15	"		009A	"	1	NO	X	X					X						HOLD
EB-2 19½-20	"		010A	"	1	NO													
EB-2 24½-25	"		011A	"	1	NO													HOLD
EB-2 34½-35	"		012A	"	1	NO	X	X					X						HOLD

Relinquished By:	Date: 4/14/06	Time: 10:10	Received By: Chris Moore	Date: 4/14	Time: 10:10
Relinquished By: Chris Moore	Date: 4/14/06	Time: 11:13	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Lab of Record:		
			Received by Lab:	Date:	Time:

PM Initial:

Temp:

TRC Lowney

CHAIN OF CUSTODY RECORD

☐ **Mountain View Office**
405 Clyde Ave.
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☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

Project Name: 770. EL CHARRO RD

Job No.: 1888-1

Report To: CHARLES METTLER

Sampler (print): KIER BASS

Sampler (signature):

Electronic Deliverable Format Required: ☐ YES ☐ NO

EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF

Global ID # :

Turnaround Requirements
- ☒ **5 Working Days**
- ☐ **48 Hours**
- ☐ **24 Hours**
- ☐ **2-3 Hours RUSH**
- ☐ _____

QC Requirement:
☒ **Level A (standard)**

ANALYSES REQUESTED 0604085

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	# of cont.	Preserved?	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☒8260	TPH as diesel (8015M) ☒add silica gel column ☐add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260 & EtOH	PAHs (8310)	PCBs (8082)				Remarks
EB-2 39½-40	4/13/06		013A	SOIL	1	NO													HOLD
EB-2 49½-50	4/13/06		014A	SOIL	1	NO	X	X					X						
EB-2 54½-55	4/13/06		015A	SOIL	1	NO													HOLD
EB-1-GW	4/13/06	9:00	016A	WATER	5	VOA-YES AMBER-NO	X	X					X						
EB-2-GW	4/13/06	11:45	017A	WATER	6 2	VOA-YES AMBER-NO	X	X					X						

Relinquished By:	Date: 4/14/06	Time: 10:10	Received By:	Date: 4/14	Time: 10:10
Relinquished By: Chris Moore	Date: 4/14/06	Time: 11:13 AM	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Lab of Record:		
			Received by Lab:	Date:	Time:

PM Initial:

Temp: