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ENVIRONMENTAL HEALTH SERVICES

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TECHNICAL REPORT

REPORT OF PHASE II ENVIRONMENTAL ASSESSMENT

**East Avenue Services
4186 East Avenue
Livermore, California**

**Prepared for:
Robinson Oil Corporation
4250 Williams Road
San Jose, California 95129**

**Prepared by:
RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, California 95666**

Project No. 101-9901

May 13, 2005

RM Associates

16401 Meadow Vista Drive, Suite 102
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REPORT OF PHASE II ENVIRONMENTAL ASSESSMENT

4186 East Avenue, Livermore, California

May 13, 2005

1.0 INTRODUCTION

This report has been prepared by RM Associates, Inc. (RMA) on behalf of Robinson Oil Corporation (ROC), San Jose, California. The report presents the results of a routine Phase II Environmental Site Assessment preliminary to a tentative property transaction. The scope of work performed is, in general, consistent with the informal work plan and proposal submitted to ROC dated April 6, 2005.

Site Location

4186 East Avenue
Livermore, California
Contact: Mr. Thomas L. Robinson (408) 257-2222

Site Description

The site is a retail automotive fueling and service station with five existing underground storage tanks (USTs) and two dispenser islands. The existing USTs consist of four 4,000-gallon tanks and one 6,000-gallon tank all containing gasoline. Figure 1 is a generalized street map showing the general vicinity of the site. Figure 2 is a site map showing the locations of the service station building, the UST facilities, and the soil and groundwater sampling locations relevant to this report.

2.0 OBJECTIVE AND SCOPE OF WORK

The objective of the scope of work performed is to provide a preliminary environmental assessment of the site, limited to assessing the presence of petroleum contaminants in the soil and groundwater near the UST and dispensing facilities.

2.1 Sample Collection

On April 29, 2005, RMA and drilling subcontractor Exploration Geoservices, Inc. installed seven soil borings and collected 11 soil samples and five groundwater grab samples for laboratory analysis. The drilling was permitted by the Zone 7 Water District under Permit No. 25021. The locations of the soil borings and sample locations are illustrated on Figure 1. Soil samples were collected from all seven of the soil borings and groundwater grab samples from five.

2.1.1 Soil Samples

During drilling, a total of 18 soil samples were collected for lithologic interpretation and 11 of these were selected for laboratory analysis.

Soil cuttings samples were logged by a California Registered Geologist according to the Unified Soil Classification System. The resultant soil boring logs are presented in Appendix A. The depths of the 18 samples collected from each boring are illustrated on the respective boring log. The depths of the 11 samples selected for laboratory analysis are listed in Table 1.

2.1.2 Groundwater Samples

Groundwater grab samples were collected from soil borings W-1, W-2, W-3, W-4 and W-6. The samples were collected from approximately two to three feet beneath the horizon of apparent static groundwater. In most of the borings, groundwater rose to a depth of approximately 22 feet below ground surface (bgs).

The Quality Control/Quality Assurance procedures used for the collection and handling of soil and groundwater samples are presented in Appendix B.

2.2 Laboratory Analysis

After collection, the soil and groundwater samples were submitted for analysis to Entech Analytical Laboratories, Santa Clara, California.

The 11 soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) according to EPA Method 8015M (purgeable) and total petroleum hydrocarbons as diesel (TPHd) according to EPA Method 8015M (extractable), and for the BTEX compounds (Benzene, Toluene Ethylbenzene, and Xylenes), and for Methyl-tert-butyl Ether (MTBE), according to EPA Method 8020.

The five groundwater grab samples were analyzed for total petroleum hydrocarbons as diesel (TPHd) according to EPA Method 8015M and total petroleum hydrocarbons as gasoline (TPHg) by GC/MS. BTEX and the five fuel oxygenates MTBE, tert-butanol (TBA), tert-amyl methyl ether (TAME), ethyl-butyl ether (ETBE), and diisopropyl ethyl (DIPE), and for the chlorinated compounds 1,2 Dichloroethane (1,2-DCA) and Ethylene dibromide (EDB), were analyzed in accordance with EPA Method 8260.

4.0 RESULTS AND CONCLUSIONS

The analytical results of the soil and groundwater samples are presented in Tables 1 and 2, respectively. The lateral distributions of the soil and groundwater results are presented on Figures 3 and 4.

Very minor hydrocarbon concentrations were detected in three of the eleven soil samples analyzed. In samples S1-20 and S1-25 ethylbenzene was detected in both samples at 0.07 milligrams per kilogram (mg/kg), and MTBE was detected at minor concentrations of 0.33 mg/kg and 0.30 mg/kg, respectively. In sample S7-25 TPHg and TPHd (apparently weathered gasoline) were detected at concentrations of 46 mg/kg and 290 mg/kg. Hydrocarbon odors were noted in each of these three samples and in none other of the eighteen soil samples collected.


Significant hydrocarbons in groundwater were detected in only one of the five groundwater grab samples collected. The groundwater sample from boring W-1 (sample ID, W1) had detected concentrations of TPHg at 19,000 micrograms per liter ($\mu\text{g/L}$), Benzene, Toluene, Ethylbenzene, and Xylenes at 1,200 $\mu\text{g/L}$, 55 $\mu\text{g/L}$, 4,100 $\mu\text{g/L}$, and 1,900 $\mu\text{g/L}$, respectively. MTBE was detected at a concentration of 1,900 $\mu\text{g/L}$. Concentrations of MTBE were also detected in the groundwater sample collected from soil borings W-3 and W-6 at concentrations of 5 $\mu\text{g/L}$ and 9.5 $\mu\text{g/L}$, respectively, less than the maximum contaminant level (MCL) for MTBE in drinking water (13 $\mu\text{g/L}$).

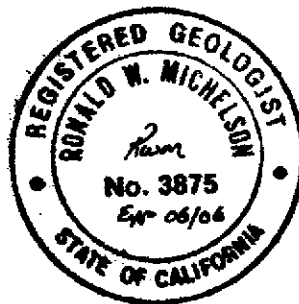
In conclusion, the results of the preliminary assessment clearly indicate that the groundwater beneath the site in the area of soil boring W-1 has been moderately impacted by a release of gasoline. It appears, based on the results from surrounding borings, that the release is relatively localized.

It is likely that the lateral and vertical extent of the impacted groundwater will have to be further investigated with the installation of three or more groundwater monitoring wells, including one in the vicinity of soil boring W-1. However, because groundwater grab samples frequently show inordinately high results, when compared to the results from subsequently installed monitoring wells, any speculation as to whether or not remedial measures might be required, is premature.

5.0 CERTIFICATION

To the best of our knowledge, all statements above are true and correct.


Ronald W. Michelson
Principal Geologist



6.0 DISTRIBUTION

Mr. Tom Robinson
Robinson Oil Corporation
4250 Williams Road
San Jose, California

Mr. Ed Coats
East Avenue Services
4186 East Avenue
Livermore, CA 94550

Mr. Wyman Hong
Zone 7 Water District
100 N. Canyon Parkway
Livermore, CA 94551

RMA

**TABLE 1 - SUMMARY OF SOIL ANALYTICAL RESULTS
PHASE 11 ENVIRONMENTAL INVESTIGATION**

4186 East Avenue, Livermore, California

Sample Location	Sample ID	Sample Depth (feet)	Sample Date	TPHg mg/kg	TPHd mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl benzene mg/kg	Xylenes mg/kg	MTBE mg/kg
W-1	S1-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	0.070	<0.025	0.33
	S1-25	25	04/29/05	<2.5	<2.5	<0.025	<0.025	0.070	<0.025	0.30
W-2	S2-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
	S2-25	25	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
W-3	S3-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
W-4	S4-22	22	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
S-5	S5-15	15	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
	S5-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
W-6	S6-15	15	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
	S6-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
S-7	S7-25	22	04/29/05	46	290*	<0.1	0.12	0.44	0.74	<1

mg/kg milligrams per kilogram (approximate parts per million)
 TPHg total petroleum hydrocarbons as gasoline
 TPHd total petroleum hydrocarbons as diesel
 TBA tert-Butanol
 MTBE Methyl-t-butyl Ether
 DIPE Diisopropyl Ether
 ETBE Ethyl-t-butyl Ether
 TAME tert-Amyl Methyl Ether
Bold detected above laboratory reporting limit

* Laboratory Comment: (C-8-C16) higher boiling Gasoline compound
 No Diesel pattern present

RMA

**TABLE 2 - SUMMARY OF GROUNDWATER ANALYICAL RESULTS
PHASE II ENVIRONMENTAL INVESTIGATION**

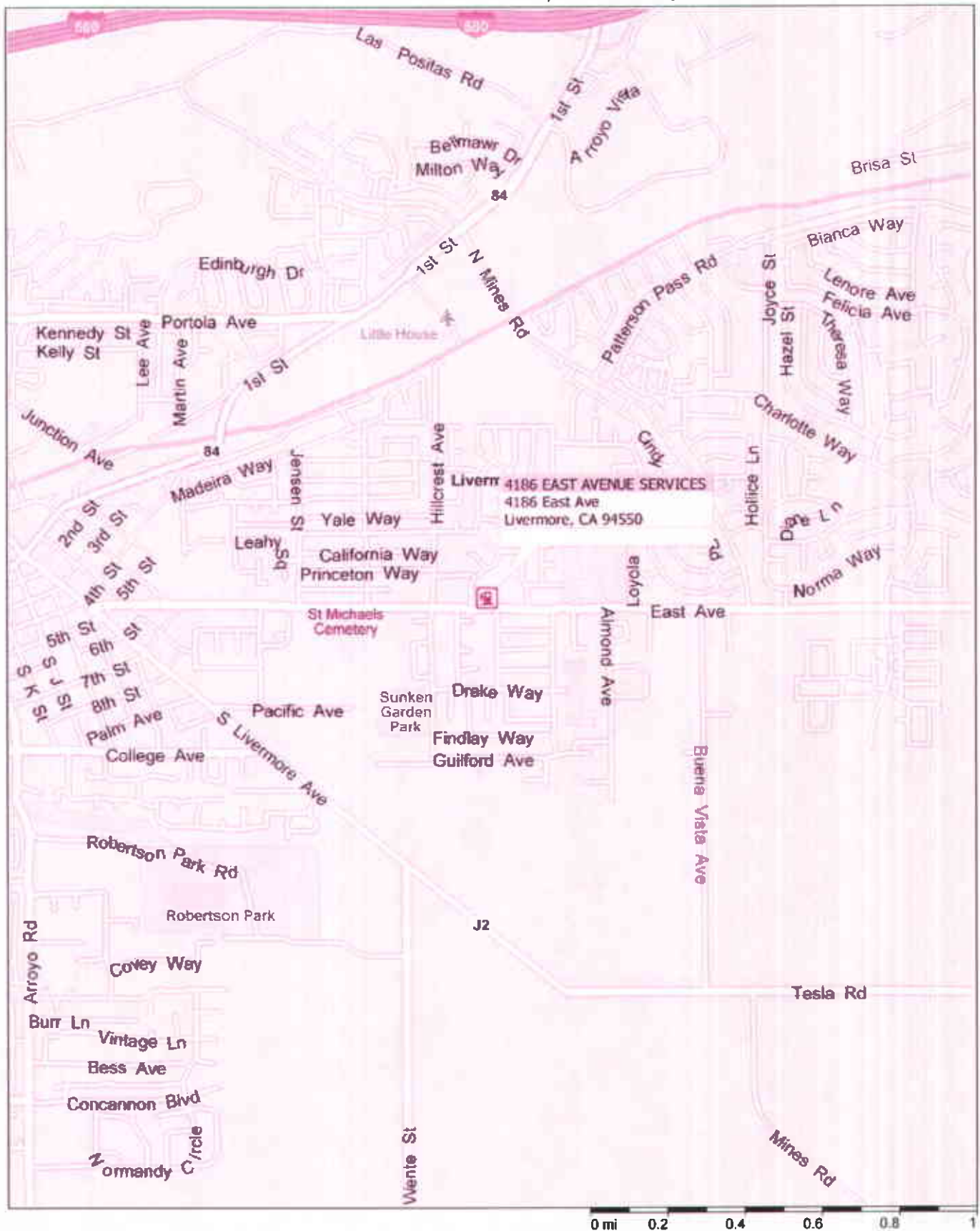
4186 East Avenue, Livermore California

Sample ID	Sample Date	TPHg (ug/L)	TPHd (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	Xylenes (ug/L)	TBA (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)
W1	04/29/05	19,000	<2,000	1,200	53	4,100	740	<1,000	1,900	<500	<500	<500	<50	<50
W2	04/29/05	53	<50	<0.5	<0.5	1.8	0.84	<10	<1	<5	<5	<5	<0.5	<0.5
W3	04/29/05	<25	<50	<0.5	<0.5	<0.5	<0.5	<10	5.0	<5	<5	<5	<0.5	<0.5
W4	04/29/05	28	55	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<5	<5	<5	<0.5	<0.5
W6	04/29/05	<25	<50	<0.5	<0.5	<0.5	<0.5	<10	9.4	<5	<5	<5	<0.5	<0.5

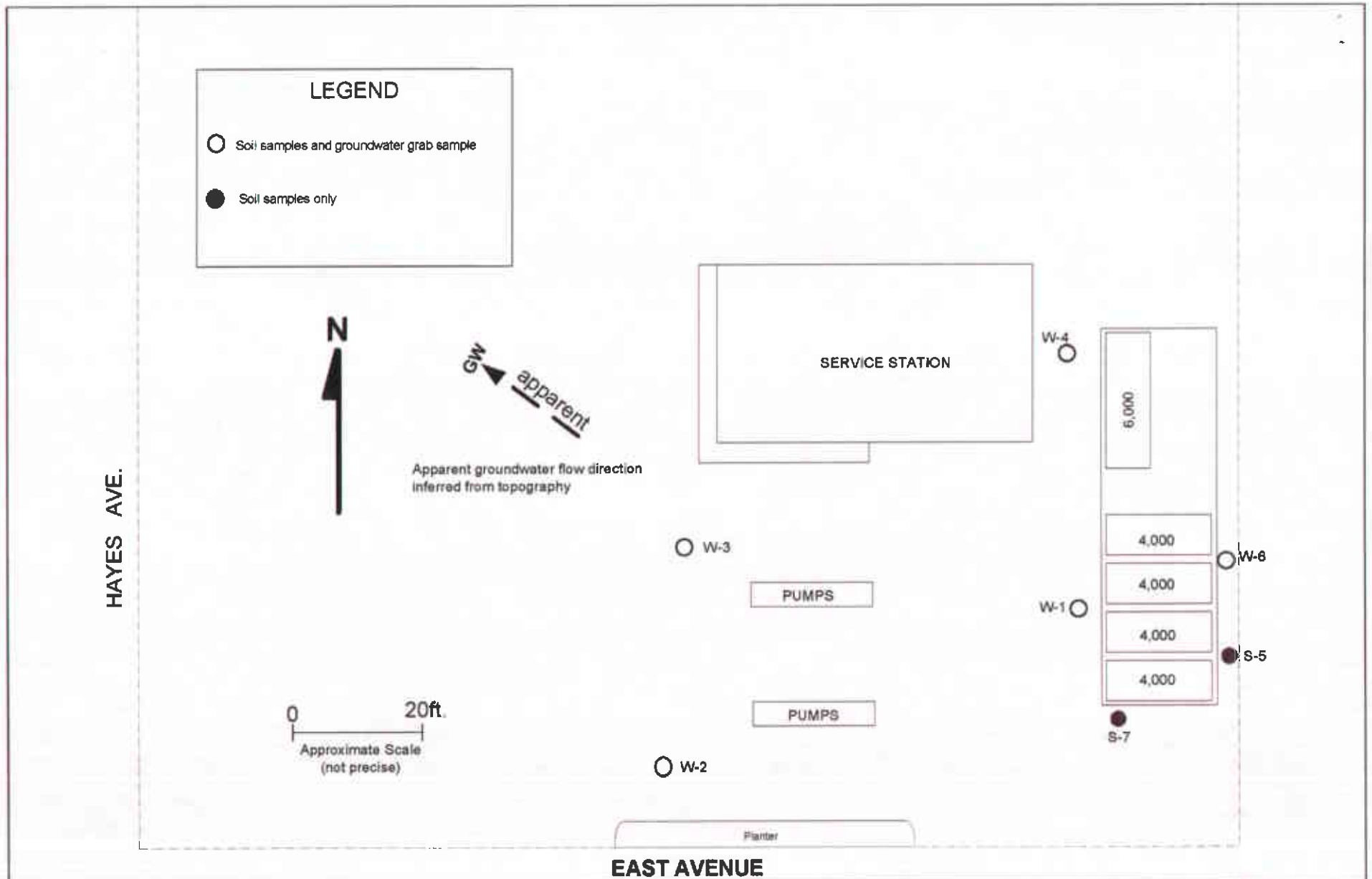
ug/L milligrams per liter (approximate parts per billion)
 TPHg total petroleum hydrocarbons as gasoline
 TPHd total petroleum hydrocarbons as diesel
 TBA tert-Butanol
 MTBE Methyl-t-butyl Ether
 DIPE Diisopropyl Ether
 ETBE Ethyl-t-butyl Ether
 TAME tert-Amyl Methyl Ether
 1,2-DCA 1,2-Dichloroethane
 EDB 1,2-Dibromoethane

Note. Sample W1 is from location W-1, etc.

FIGURE 1 - 4186 East Avenue, Livermore, California



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© Copyright 2001 by Geographic Data Technology, Inc. All rights reserved. © 2001 Navigation Technologies. All rights reserved. This data includes information taken with permission from Canadian authorities © Her Majesty the Queen in Right of Canada



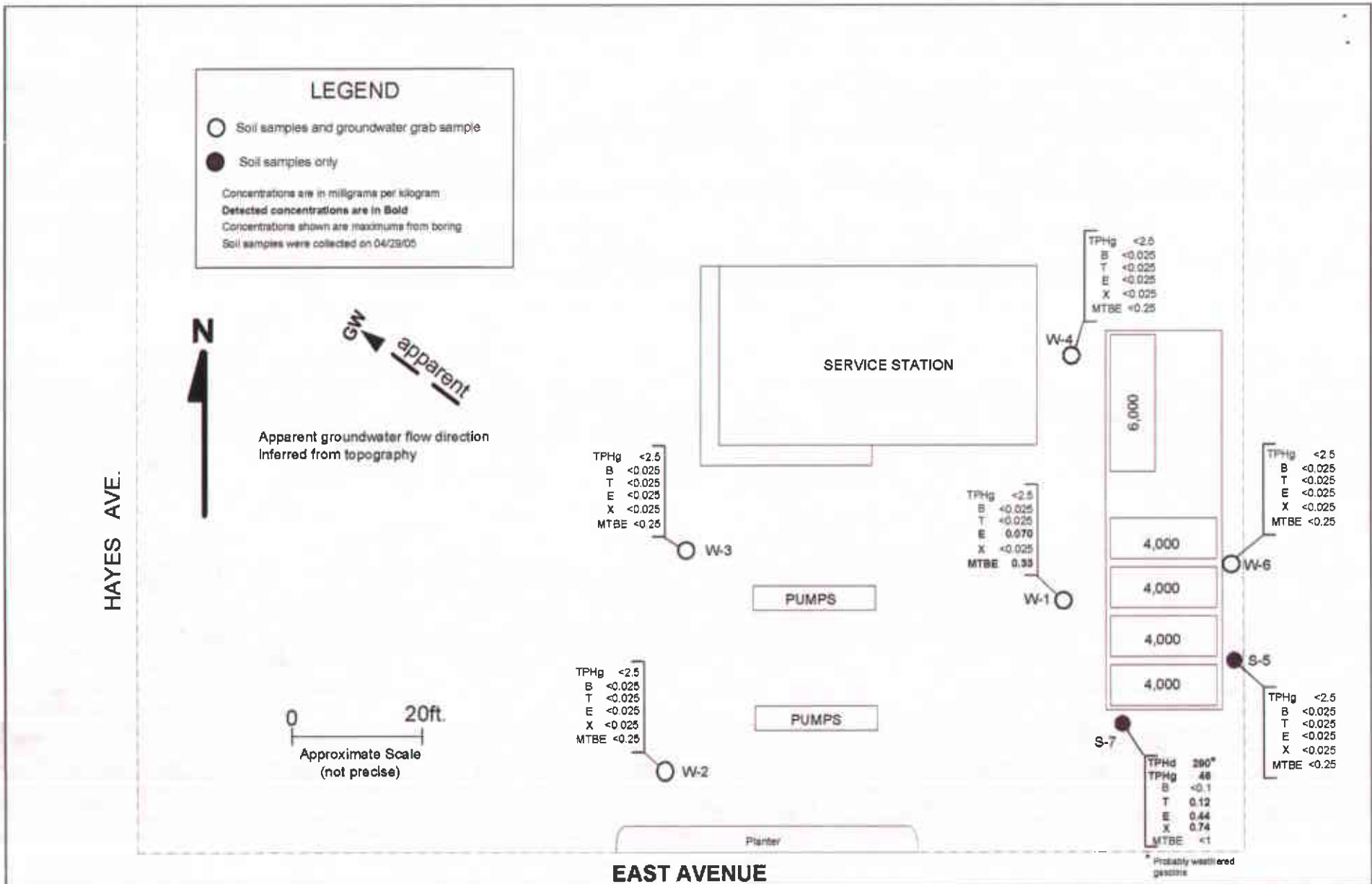
RM ASSOCIATES
Environmental Consultants

REVISED	RM	12/10/02
8 5 x 11		

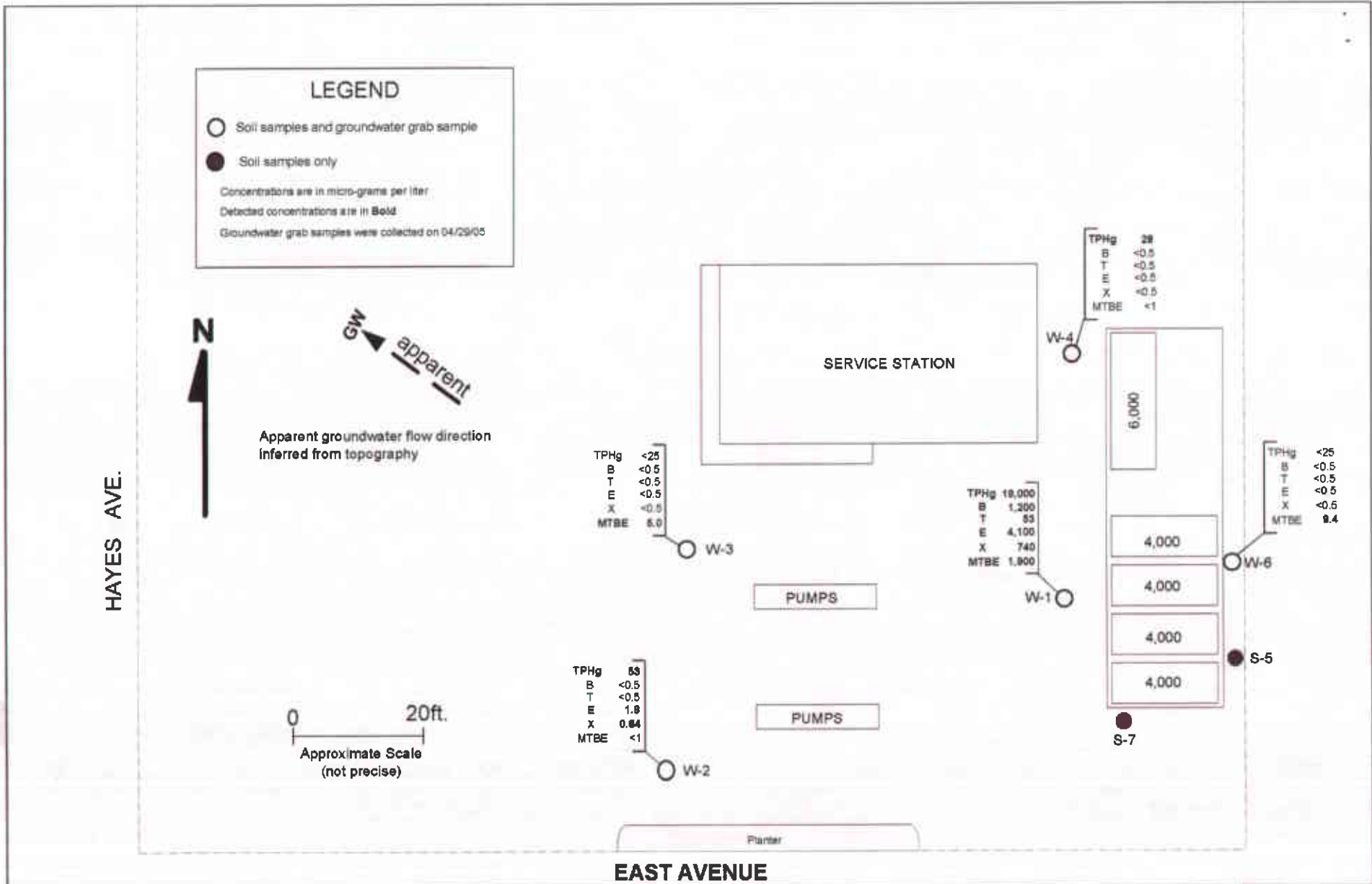
REVIEWED BY
REVIEW DATE

SITE DIAGRAM
PHASE II SITE INVESTIGATION
4188 EAST AVENUE, LIVERMORE, CALIFORNIA

FIGURE	2
PROJECT	101-4202



RM ASSOCIATES Environmental Consultants	REVISED	REVIEWED BY	SOIL ANALYTICAL RESULTS (04/29/05) PHASE II SITE INVESTIGATION 4186 EAST AVENUE, LIVERMORE, CALIFORNIA	FIGURE
	RM	12/10/02		3
	B 5 x 11	REVIEW DATE		PROJECT
				101-4202



RM ASSOCIATES
 Environmental Consultants

REVISED	REVIEWED BY
RM	12/10/02
REVIEW DATE	
6.5 x 11	

GROUNDWATER ANALYTICAL RESULTS (04/29/05)
 PHASE II SITE INVESTIGATION
 4188 EAST AVENUE, LIVERMORE, CALIFORNIA

FIGURE	4
PROJECT	101-4202

RM Associates
Environmental Consultants

BORING LOG

Drill Rig: Rotary	Date Drilled: 04/29/05	Logged By:
Boring Dia: 8 Inches	Boring Number: W-1	R. Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
			0	Asphalt Pavement	Asphalt Pavement
			5	Silty Sandy Gravel, dark brown, angular, dry, no odor, GM	Silty Sandy Gravel, dark brown, angular, dry, no odor, GM
	22-17-26		10	Silty Sandy Gravel, dark brown, angular, dry, no odor, GM	Silty Sandy Gravel, dark brown, angular, dry, no odor, GM
	9-19-22		15	Moist Clayey, Silt, dark brown, hydrocarbon odor, moist, CL	Moist Clayey, Silt, dark brown, hydrocarbon odor, moist, CL
	5-6-7		20	Silty Sandy Gravel, med brown, strong hydrocarbon odro, moist, GM	Silty Sandy Gravel, med brown, strong hydrocarbon odro, moist, GM
	17-16-14		25		

Completion Notes:

First Water Level (ft.) 25
Static Water Level (ft.) 22

Site:

East Avenue Services
4186 East Avenue
Livermore, CA 96021

RM Associates
Environmental Consultants

BORING LOG

Drill Rig: Rotary Date Drilled: 4/29/05 Logged By:
 Boring Dia: 8 inches Boring Number: **W-2** Ron Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
					Asphalt Pavement
					Silty Gravel, med brown, moist, no hydrocarbon odor, GM
			5		
	16-22-30		10		
	10-14-22		15		
					Clayey Silt, med brown, moist, no hydrocarbon odor CL
	6-7-8		20		
					Silty sandy, Gravel (fine), moist, no hydrocarbon odor, GM
	9-28-34		25		

Completion Notes:

First Water Level (ft.) 22
 Static Water Level (ft.) 22

Site:

East Avenu Services
 4186 East Avenue
 Livermore, California 96021

RM Associates
Environmental Consultants

BORING LOG

Drill Rig: Rotary	Date Drilled: 4/29/05	Logged By: Ron Michelson
Boring Dia: 8 inches	Boring Number: W-3	

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
			0	Asphalt Pavement	
			0-1	Silty gravel, medium brown, dry, no odor GM	
			5		
			10		
			15		
			18	Clayey Silt, med brown, moist, no hydrocarbon odor CL	
	8-8-9		20		
			25		

Completion Notes:

First Water Level (ft.) 22
Static Water Level (ft.) 22

Site:

East Avenu Services
4186 East Avenue
Livermore, California 96021

RM Associates
Environmental Consultants

BORING LOG

Drill Rig: Rotary Date Drilled: 4/29/05 Logged By:
Boring Dia: 8 Inches Boring Number: **W-4** Ron Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
			0		Asphalt Pavement
			0		Silt, dark brown, moist CL
			5		Silty fine pebbled Gravel, light brown dry GM
			10		
			15		Silty sandy gravel, large pebbles, medium brown, moist, GM
	20-15-26		15		
			20		Clayey Silt with scattered gravel CL
	7-10-14		20		
	8-12-17		20		
			25		

Completion Notes:

First Water Level (ft.) 23
Static Water Level (ft.) 22

Site:

East Aveneu Services
4186 East Avenue
Livermore, California 96021

RM Associates
Environmental Consultants

BORING LOG

Drill Rig: Rotary	Date Drilled: 4/29/05	Logged By: Ron Michelson
Boring Dia: 8 Inches	Boring Number: W-6	

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
			0	Asphalt Pavement	Asphalt Pavement
			0-13	Silty, sandy, Gravel, dark brown, dry GM	Silty, sandy, Gravel, dark brown, dry GM
	13-15-7		13		
			15		
	5-7-8		18	Clayey Silt, dark brown, moist at 20'	Clayey Silt, dark brown, moist at 20'
			20		
			25		

Completion Notes:

First Water Level (ft.) 22
Static Water Level (ft.) 22

Site:

East Avenu Services
4186 East Avenue
Livermore, California 96021

RM Associates
Environmental Consultants

BORING LOG

Drill Rig: Rotary	Date Drilled: 4/29/05	Logged By: Ron Michelson
Boring Dia: 8 Inches	Boring Number: S-5	

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
			0	Asphalt Pavement	
			0-1	Silt, sandy with scattered gravel, dark brown	
			5		
			7	Gravel, well sorted, medium brown, dry, GP	
			10		
			13	Silty sandy gravel, medium brown, slightly moist, GM	
	8-13-19		15		
			20		
	5-7-10		20		
			25		

Completion Notes:

First Water Level (ft.) NA
Static Water Level (ft.) NA

Site:

East Avenue Services
4186 East Avenue
Livermore, California 96021

RM Associates
Environmental Consultants

BORING LOG

Drill Rig: Rotary	Date Drilled: 4/29/05	Logged By:
Boring Dia: 8 Inches	Boring Number: S-7	Ron Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
			0	Asphalt Pavement	Asphalt Pavement
			0-5	Gravel, silty, sandy, dark brown, dry	Gravel, silty, sandy, dark brown, dry
			5-10	Gravel, sandy, greenish brown, dry	Gravel, sandy, greenish brown, dry
			10-15	Silty sandy gravel, dark brown, dry, slight hydrocarbon odor	Silty sandy gravel, dark brown, dry, slight hydrocarbon odor
			15-20	Clayey Silt, greenish discolored, hydrocarbon odor	Clayey Silt, greenish discolored, hydrocarbon odor
			20-25		

Completion Notes:

First Water Level (ft.) NA
Static Water Level (ft.) NA

Site:

East Aveneu Services
4186 East Avenue
Livermore, California 96021

APPENDIX B

SAMPLING PROCEDURES AND SAMPLE HANDLING QA/QC

SAMPLING PROCEDURES AND SAMPLE HANDLING QA/QC

PROCEDURES

Soil samples will be collected during the investigation using a truck-mounted drill rig equipped with hollow stem augers. Each boring will be advanced to the desired depth, approximately two to five feet below the existing water table. Soil samples will be collected from the target elevation by driving a split spoon sampler containing brass liners into the undisturbed soil of the sample interval. Teflon™ plastic sheets and end caps will be placed over the ends of the selected liner to minimize the loss of volatile organic compounds from the sample. The sample barrel will be retrieved from the boring allowing the sample liner to be removed.

For the collection of groundwater grab samples, the a temporary PVC screen will be installed and groundwater entering the screen from the formation will be collected using a small diameter disposable bailer. Groundwater samples will be carefully decanted into properly preserved containers to minimize volatilization of organic compounds. All sample points will be backfilled with a cement grout upon completion.

All samples will be properly documented, labeled, preserved and transported under chain-of-custody, in a pre-cooled ice chest, to a laboratory certified by the state to perform the requested analyses.

QUALITY ASSURANCE/QUALITY CONTROL

Decontamination Procedures

Drilling rods will be decontaminated by rinsing with clean water. Pre-cleaned PVC screen will be used at each location. Disposable sampling bailers will be used. Proper protective gloves will be worn while collecting samples.

Field Quality Control Samples

Quality control samples will be used to determine the integrity of the sampling activities, the impact of sample matrices and ambient field conditions, and to demonstrate that the laboratory is operating within the prescribed requirements for precision and accuracy. The frequency and procedures for field-generated quality control samples to be utilized in this project are as follows: For the purposes of this assessment trip blanks are not

considered necessary.

Sample Preservation, Identification

Sample Preservation - All samples will be sealed in air-tight plastic bags and placed in a refrigerated chest for preservation immediately after collection and preparation.

Groundwater samples will be preserved in accordance with the applicable requirements for the analysis being performed.

Sample Identification - The field geologist will identify all samples taken in the field by using a pre-printed sample label attached to the sample container. The sample label will include the following information:

- project name and number;
- a unique sample identification number;
- the date, time, and location of sample collection;
- the initials of the sampler.

Chain-of-Custody Record and Shipment of Samples to the Laboratory

All samples will be documented using standard chain-of-custody procedures, packed in a refrigerated chest, and delivered to a state-certified laboratory for testing.

APPENDIX C

LABORATORY REPORTS AND CHAIN OF CUSTODY

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Ronald W. Michelson
RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, CA 95666

Certificate ID: 43368 - 5/4/2005 7:16:13 PM

Order Number: 43368
Project Name: East Avenue Services
Project Number: 101-9901 T3

Date Received: 4/29/2005 4:01:00 PM
P.O. Number: Please Invoice Robinson

Certificate of Analysis - Final Report

On April 29, 2005, samples were received under chain of custody for analysis. Entech analyzes samples "as received" unless

<u>Matrix</u>	<u>Test</u>	<u>Method</u>	<u>Comments</u>
Solid	Gas/BTEX	EPA 8015 MOD. (Purgeable) EPA 8020	
	MtBE	EPA 8020	
	TPH-Extractable	EPA 8015 MOD. (Extractable)	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,



Laurie Glantz-Murphy
Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, CA 95666
Attn: Ronald W. Michelson

Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43368-001 Sample ID: S1-20

Matrix: Solid Sample Date: 4/29/2005 8:10 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	04/30/2005	DS050429
Surrogate o-Terphenyl	Surrogate Recovery 77		Control Limits (%) 41 - 137					Analyzed by: MTian Reviewed by: bdhabalia	

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 103		Control Limits (%) 65 - 135					Analyzed by: mruan Reviewed by: MTu	

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	0.070		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	0.33		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 100		Control Limits (%) 65 - 135					Analyzed by: mruan Reviewed by: MTu	

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

B = Analyte found in associated Method Blank.

5/4/2005 7:15:50 PM - dba

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, CA 95666
Attn: Ronald W. Michelson

Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43368-002 Sample ID: S1-25

Matrix: Solid Sample Date: 4/29/2005 8:45 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	04/30/2005	DS050429

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	70	41 - 137

Analyzed by: MTran
Reviewed by: bdhabalia

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	106	65 - 135

Analyzed by: mruan
Reviewed by: MTu

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	0.070		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	0.30		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.9	65 - 135

Analyzed by: mruan
Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

B = Analyte found in associated Method Blank.

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Attn: Ronald W. Michelson

Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43368-003 Sample ID: S2-20

Matrix: Solid Sample Date: 4/29/2005 9:27 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	04/30/2005	DS050429
Surrogate o-Terphenyl	Surrogate Recovery 82		Control Limits (%) 41 - 137					Analyzed by: MTran Reviewed by: bdhabalia	

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 96		Control Limits (%) 65 - 135					Analyzed by: mruan Reviewed by: MTU	

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	ND		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 98		Control Limits (%) 65 - 135					Analyzed by: mruan Reviewed by: MTU	

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

B = Analyte found in associated Method Blank.

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Project Name: East Avenue Services
Date Received: 4/29/2005
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Certificate of Analysis - Data Report

Lab #: 43368-004 Sample ID: S2-25

Matrix: Solid Sample Date: 4/29/2005 9:30 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	04/30/2005	DS050429
Surrogate o-Terphenyl	Surrogate Recovery 85		Control Limits (%) 41 - 137					Analyzed by: MTran Reviewed by: bdhabalia	

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 99.4		Control Limits (%) 65 - 135					Analyzed by: mruan Reviewed by: MTU	

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	ND		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 101		Control Limits (%) 65 - 135					Analyzed by: mruan Reviewed by: MTU	

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

B = Analyte found in associated Method Blank.

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Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43368-005 Sample ID: S3-20

Matrix: Solid Sample Date: 4/29/2005 10:30 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	04/30/2005	DS050429

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	48	41 - 137

Analyzed by: MTTrn
Reviewed by: bdhabalia

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94	65 - 135

Analyzed by: mruan
Reviewed by: MTu

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	ND		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100	65 - 135

Analyzed by: mruan
Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

B = Analyte found in associated Method Blank

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Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
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Certificate of Analysis - Data Report

Lab #: 43368-006 Sample ID: S4-22

Matrix: Solid Sample Date: 4/29/2005 11:35 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	04/30/2005	DS050429
Surrogate o-Terphenyl	Surrogate Recovery 70		Control Limits (%) 41 - 137					Analyzed by: MTran Reviewed by: bdhabalia	

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 94.2		Control Limits (%) 65 - 135					Analyzed by: mruan Reviewed by: MTU	

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	ND		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 97.5		Control Limits (%) 65 - 135					Analyzed by: mruan Reviewed by: MTU	

Detection Limit = Detection Limit for Reporting.
DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.
B = Analyte found in associated Method Blank.

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Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
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Certificate of Analysis - Data Report

Lab #: 43368-007 Sample ID: S5-15

Matrix: Solid Sample Date: 4/29/2005 12:15 PM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	04/30/2005	DS050429

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	68	41 - 137

Analyzed by: MTran
Reviewed by: bdhabafia

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.1	65 - 135

Analyzed by: mruan
Reviewed by: MTu

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	ND		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.9	65 - 135

Analyzed by: mruan
Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

B = Analyte found in associated Method Blank.

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Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43368-008 Sample ID: S5-20

Matrix: Solid Sample Date: 4/29/2005 12:25 PM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	05/02/2005	DS050429

Surrogate
o-Terphenyl

Surrogate Recovery
73

Control Limits (%)
41 - 137

Analyzed by: MTran
Reviewed by: bdhabalia

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate
4-Bromofluorobenzene

Surrogate Recovery
92.8

Control Limits (%)
65 - 135

Analyzed by: mruan
Reviewed by: MTu

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	ND		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate
4-Bromofluorobenzene

Surrogate Recovery
96.4

Control Limits (%)
65 - 135

Analyzed by: mruan
Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.
DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.
B = Analyte found in associated Method Blank.

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Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43368-009 Sample ID: S6-15

Matrix: Solid Sample Date: 4/29/2005 12:50 PM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	05/02/2005	DS050429

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	86	41 - 137

Analyzed by: MTran

Reviewed by: hdhabalia

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.6	65 - 135

Analyzed by: mruan

Reviewed by: MTu

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	ND		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100	65 - 135

Analyzed by: mruan

Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

B = Analyte found in associated Method Blank.

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Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43368-010 Sample ID: S6-20

Matrix: Solid Sample Date: 4/29/2005 12:55 PM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	2.5	mg/Kg	04/29/2005	DS050429	05/02/2005	DS050429
Surrogate o-Terphenyl	Surrogate Recovery 70			Control Limits (%) 41 - 137				Analyzed by: MTran Reviewed by: bdhabalia	

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	2.5	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 95.6			Control Limits (%) 65 - 135				Analyzed by: mruan Reviewed by: MTu	

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	ND		1	0.025	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	ND		1	0.25	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Surrogate 4-Bromofluorobenzene	Surrogate Recovery 107			Control Limits (%) 65 - 135				Analyzed by: mruan Reviewed by: MTu	

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

B = Analyte found in associated Method Blank.

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Project Number: 101-9901 T3

Project Name: East Avenue Services

Date Received: 4/29/2005

P.O. Number: Please Invoice Robinson Oil Corp. Directly

Sample Collected by: Client

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Lab #: 43368-011

Sample ID: S7-25

Matrix: Solid

Sample Date: 4/29/2005

1:53 PM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3545 - TPH-Extractable

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	290		10	25	mg/Kg	04/29/2005	DS050429	05/02/2005	DS050429

Note: (C8-C16) higher boiling Gasoline compound. No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	84	41 - 137

Analyzed by: MTran

Reviewed by: bdbabalia

Method: EPA 8015 MOD. (Purgeable)

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	46		4	10	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	109	65 - 135

Analyzed by: mruan

Reviewed by: MTu

Method: EPA 8020 - Aromatic Organics Using GC/PID

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		4	0.1	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Toluene	0.12		4	0.1	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Ethyl Benzene	0.44		4	0.1	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Xylenes, Total	0.74		4	0.1	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502
Methyl-t-butyl Ether	ND		4	1	mg/Kg	05/02/2005	SGC4050502	05/02/2005	SGC4050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	105	65 - 135

Analyzed by: mruan

Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

B = Analyte found in associated Method Blank.

5/4/2005 7:15:51 PM - dba

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank Solid

QC/Prep Batch ID: SGC4050502

Validated by: MTu - 05/04/05

QC/Prep Date: 5/2/2005

Method Blank	Method: EPA 8020				
Parameter	Result	DF	PQLR	Units	
Benzene	ND	1	0.025	mg/Kg	
Ethyl Benzene	ND	1	0.025	mg/Kg	
Methyl-t-butyl Ether	ND	1	0.25	mg/Kg	
Toluene	ND	1	0.025	mg/Kg	
Xylenes, Total	ND	1	0.025	mg/Kg	
Surrogate for Blank	% Recovery	Control Limits			
4-Bromofluorobenzene	96.6	65 - 135			

Quality Control - Laboratory Control Spike / Duplicate Results Solid

QC/Prep Batch ID: SGC4050502

Reviewed by: MTu - 05/04/05

QC/Prep Date: 5/2/2005

Method: EPA 8020		Conc. Units: mg/Kg						
LCS								
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.02	0.40	0.44	LCS	109			54 - 146
Ethyl Benzene	<0.02	0.40	0.39	LCS	96.5			67 - 134
Methyl-t-butyl Ether	<0.2	0.40	0.39	LCS	96.5			65 - 135
Toluene	<0.02	0.40	0.41	LCS	103			45 - 157
Xylenes, total	<0.02	1.2	1.2	LCS	97.5			79 - 126
Surrogate	% Recovery	Control Limits						
4-Bromofluorobenzene	94.7	65 - 135						

LCSD								
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.02	0.40	0.44	LCSD	111	2.0	30.0	54 - 146
Ethyl Benzene	<0.02	0.40	0.40	LCSD	101	4.8	30.0	67 - 134
Methyl-t-butyl Ether	<0.2	0.40	0.41	LCSD	102	5.3	30.0	65 - 135
Toluene	<0.02	0.40	0.43	LCSD	107	3.3	30.0	45 - 157
Xylenes, total	<0.02	1.2	1.2	LCSD	101	3.5	30.0	79 - 126
Surrogate	% Recovery	Control Limits						
4-Bromofluorobenzene	101	65 - 135						

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank

Solid

QC/Prep Batch ID: SGC4050502

Validated by: MTu - 05/04/05

QC/Prep Date: 5/2/2005

Method Blank	Method: EPA 8015 MOD. (Purgeable)				
Parameter	Result	DF	PQLR	Units	
TPH as Gasoline	ND	1	2.5	mg/Kg	
Surrogate for Blank	% Recovery	Control Limits			
4-Bromofluorobenzene	95.1	65 - 135			

Quality Control - Laboratory Control Spike / Duplicate Results

Solid

QC/Prep Batch ID: SGC4050502

Reviewed by: MTu - 05/04/05

QC/Prep Date: 5/2/2005

Method: EPA 8015 MOD. (Purgeable)				Conc. Units: mg/Kg				
LCS								
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<2	12	12	- LCS	93.6			65 - 135
Surrogate	% Recovery	Control Limits						
4-Bromofluorobenzene	104	65 - 135						
LCSD								
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<2	12	12	LCSD	96.0	2.5	30.0	65 - 135
Surrogate	% Recovery	Control Limits						
4-Bromofluorobenzene	103	65 - 135						

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank

Solid

QC/Prep Batch ID: DS050429

Validated by: bdhabalia - 05/03/05

QC/Prep Date: 4/29/2005

Method Blank		Method: EPA 8015 MOD. (Extractable)			
Parameter	Result	DF	PQLR	Units	
TPH as Diesel	ND	1	2.5	mg/Kg	
Surrogate for Blank	% Recovery	Control Limits			
o-Terphenyl	88.0	41 - 137			

Quality Control - Laboratory Control Spike / Duplicate Results

Solid

QC/Prep Batch ID: DS050429

Reviewed by: bdhabalia - 05/03/05

QC/Prep Date: 4/29/2005

Method: EPA 8015 MOD. (Extractable)				Conc. Units: mg/Kg				
LCS								
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<0.7	50	52	LCS	104			45 - 138
TPH as Motor Oil	<3	50	38	LCS	76.0			45 - 138
Surrogate	% Recovery	Control Limits						
o-Terphenyl	94	41 - 137						

LCSD								
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<0.7	50	48	LCSD	96.0	8.0	30.0	45 - 138
TPH as Motor Oil	<3	50	36	LCSD	72.4	4.9	30.0	45 - 138
Surrogate	% Recovery	Control Limits						
o-Terphenyl	88	41 - 137						

RM Associates

16401 Meadow Vista Drive, Suite 102
 Pioneer, CA 95666
 Main Line: (209) 295-6218
 Facsimile: (209) 295-3974

CHAIN OF CUSTODY FORM

Turnaround Standard ___ 3 day ___ 2-8 hr
 Time: ___ 7 day ___ 2 day ___ other
 (working days) ___ 5 day ___ 24 hr ()

Project Name: East Avenue Services Client: Robinson Oil Corporation
 Project Number: 101-9901 Task: 3
 Global I.D.: NA
 Project Address: 4186 East Avenue, Livermore, California
 Laboratory: Entech Analytical Labs Contact: Amy
 Lab Address/Phone: (408) 588-0200 X225
 RMA Project Manager: Ronald W. Michelson
 RMA PM Ph. No.: (209) 295-7903 Email: Rmichelson@volcano.net
 RMA Sampler: Ron Michelson / J PAVIAK Phone: (209) 295-6218

RMA Sample ID	Sample Information					Container Information			Field Pt. I.D.- Check if same as Sample I.D.	Analyses Requested																						
	Date	Time	Matrix			No.	Type	Preser- vative		TPH/gBTEX/MTBE (8015M/8021)	Confirm MTBE by GC/MS (8260B)	Fuel Oxygenates (8260B)	TPHd (8015M)	HVOCs (8010)	SVOCs (8270)	VOCs (8260)	PP Metals (low defect) (7000/6010)	Cyanide, Total (335.2)	TPH/gBTEX/MTBE (8015M/8260B)	TPH/gBTEX/5 Fuel Oxy's (8260B)	TPH/gBTEX/5 Fuel Oxy's/1,2 DCA & EDB (8260B)											
			Soil	Water	Vapor																											
S1-20	4/29/05	8:10	X			1	Brns. Liver		43368-001	X		X																				
S1-25		8:45	X			1			002	X		X																				
S2-20		9:27	X			1			003	X		X																				
S2-25		9:30	X			1			004	X		X																				
S3-20		10:30	X			1			005	X		X																				
S4-22		11:35	X			1			006	X		X																				
S5-15		12:15	X			1			007	X		X																				
S5-20		12:45	X			1			008	X		X																				
S6-15		12:50	X			1			009	X		X																				
S6-20		12:55	X			1			010	X		X																				
S7-25		1:53	X			1			011	X		X																				

Additional Comments: Invoice to Robinson Oil Corporation, 4250 Williams Road, San Jose, CA 95129 Attn. Tom Robinson, (408) 257-2222

EDF Format Report to RMA

Relinquished By: Date/Time: 4/29/05 1515 Received By: Date/Time: 4/29/05 1515
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

Sample Condition: Good? Yes ___ No ___ On Ice? Yes ___ No ___ Cooler Temp: _____ Transportation Method: _____

Page ___ of ___

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Ronald W. Michelson
RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, CA 95666

Certificate ID: 43367 - 5/4/2005 8:11:04 PM

Order Number: 43367
Project Name: East Avenue Services
Project Number: 101-9901 T3

Date Received: 4/29/2005 3:47:29 PM
P.O. Number: Please Invoice Robinson

Certificate of Analysis - Final Report

On April 29, 2005, samples were received under chain of custody for analysis. Entech analyzes samples "as received" unless

<u>Matrix</u>	<u>Test</u>	<u>Method</u>	<u>Comments</u>
Liquid	8260Petroleum TPH as Gasoline by GC/MS TPH-Extractable	EPA 8260B GC-MS EPA 8015 MOD. (Extractable)	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,



Laurie Glantz-Murphy
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, CA 95666
Attn: Ronald W. Michelson

Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43367-001 Sample ID: W1

Matrix: Liquid Sample Date: 4/29/2005 8:25 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3510C - Liq-Liq, Sep Funnel, MeCl

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		40	2000	µg/l.	N/A	N/A	05/03/2005	DW050502

Note: 34000 ppb higher boiling gasoline compounds(C8-C16). No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	21.2***	22 - 133

Analyzed by: BDhabalia

Reviewed by: bdhabalia

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	1200		100	50	µg/L	N/A	N/A	05/03/2005	WMS1050503
Toluene	53		100	50	µg/l.	N/A	N/A	05/03/2005	WMS1050503
Ethyl Benzene	4100		100	50	µg/l.	N/A	N/A	05/03/2005	WMS1050503
Xylenes, Total	740		100	50	µg/l.	N/A	N/A	05/03/2005	WMS1050503
Methyl-t-butyl Ether	1900		100	100	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Butyl Ethyl Ether	ND		100	500	µg/l.	N/A	N/A	05/03/2005	WMS1050503
tert-Butanol (TBA)	ND		100	1000	µg/L	N/A	N/A	05/03/2005	WMS1050503
Diisopropyl Ether	ND		100	500	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Amyl Methyl Ether	ND		100	500	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dichloroethane	ND		100	50	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dibromoethane (EDB)	ND		100	50	µg/L	N/A	N/A	05/03/2005	WMS1050503

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	82.9	75 - 125
Dibromofluoromethane	108	75 - 125
Toluene-d8	91.2	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Method: GC-MS - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	19000		100	2500	µg/L	N/A	N/A	05/03/2005	WMS1050503

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.8	75 - 125
Dibromofluoromethane	96.1	75 - 125
Toluene-d8	89.9	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

B = Analyte found in associated Method Blank.

5/4/2005 8:11:06 PM - dba

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, CA 95666
Attn: Ronald W. Michelson

Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43367-002 Sample ID: W2

Matrix: Liquid Sample Date: 4/29/2005 9:55 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3510C - Liq-Liq, Sep Funnel, MeCl

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	50	µg/L	N/A	N/A	05/03/2005	DW050502

Note: 140 ppb higher boiling gasoline compounds(C8-C18). No Diesel pattern present.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	76	22 - 133

Analyzed by: BDhabalia

Reviewed by: bdhabalia

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Toluene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Ethyl Benzene	1.8		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Xylenes, Total	0.84		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Methyl-t-butyl Ether	ND		1	1	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Butyl Ethyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Butanol (TBA)	ND		1	10	µg/L	N/A	N/A	05/03/2005	WMS1050503
Diisopropyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Amyl Methyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dibromochane (EDB)	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99.1	75 - 125
Dibromofluoromethane	118	75 - 125
Toluene-d8	106	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Method: GC-MS - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	53		1	25	µg/L	N/A	N/A	05/03/2005	WMS1050503

Note: Atypical pattern. No indication of gasoline.

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	106	75 - 125
Dibromofluoromethane	105	75 - 125
Toluene-d8	104	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

B = Analyte found in associated Method Blank.

5/4/2005 8:11:06 PM - dba

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, CA 95666
Attn: Ronald W. Michelson

Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43367-003 Sample ID: W3

Matrix: Liquid Sample Date: 4/29/2005 10:15 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3510C - Liq-Liq, Sep Funnel, MeCl

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	50	µg/L	N/A	N/A	05/03/2005	DW050502

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	84	22 - 133

Analyzed by: BDhabalia

Reviewed by: bdhabalia

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Toluene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Ethyl Benzene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Xylenes, Total	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Methyl-t-butyl Ether	5.0		1	1	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Butyl Ethyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Butanol (TBA)	ND		1	10	µg/L	N/A	N/A	05/03/2005	WMS1050503
Diisopropyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Amyl Methyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dibromoethane (EDB)	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.9	75 - 125
Dibromofluoromethane	114	75 - 125
Toluene-d8	107	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Method: GC-MS - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	25	µg/L	N/A	N/A	05/03/2005	WMS1050503

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104	75 - 125
Dibromofluoromethane	101	75 - 125
Toluene-d8	106	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

B = Analyte found in associated Method Blank.

5/4/2005 8:11:06 PM - dha

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, CA 95666
Attn: Ronald W. Michelson

Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43367-004 Sample ID: W4

Matrix: Liquid Sample Date: 4/29/2005 11:30 AM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3510C - Liq-Liq, Sep Funnel, MeCl

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	55		1	50	µg/L	N/A	N/A	05/03/2005	DW050502

Note: Atypical pattern.

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	67	22 - 133

Analyzed by: BDhabalia

Reviewed by: bdhabalia

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Toluene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Ethyl Benzene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Xylenes, Total	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Methyl-t-butyl Ether	ND		1	1	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Butyl Ethyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Butanol (TBA)	ND		1	10	µg/L	N/A	N/A	05/03/2005	WMS1050503
Diisopropyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Amyl Methyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dibromoethane (EDB)	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100	75 - 125
Dibromofluoromethane	114	75 - 125
Toluene-d8	107	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Method: GC-MS - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	28		1	25	µg/L	N/A	N/A	05/03/2005	WMS1050503

Note: Atypical pattern; possibly very aged/wcathercd.

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	107	75 - 125
Dibromofluoromethane	101	75 - 125
Toluene-d8	105	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

ND = Not Detected at or above the Detection Limit.

DF = Dilution and/or Prep Factor including sample volume adjustments.

B = Analyte found in associated Method Blank.

5/4/2005 8:11:06 PM - dba

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

RM Associates
16401 Meadow Vista Drive, Suite 102
Pioneer, CA 95666
Attn: Ronald W. Michelson

Project Number: 101-9901 T3
Project Name: East Avenue Services
Date Received: 4/29/2005
P.O. Number: Please Invoice Robinson Oil Corp. Directly
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43367-005 Sample ID: W6

Matrix: Liquid Sample Date: 4/29/2005 1:05 PM

Method: EPA 8015 MOD. (Extractable)

Prep Method: EPA 3510C - Liq-Liq, Sep Funnel, MeCl

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	50	µg/L	N/A	N/A	05/03/2005	DW050502

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	65	22 - 133

Analyzed by: BDhabalia

Reviewed by: bdhabalia

Method: EPA 8260B - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Toluene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Ethyl Benzene	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Xylenes, Total	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
Methyl-t-butyl Ether	9.4		1	1	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Butyl Ethyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Butanol (TBA)	ND		1	10	µg/L	N/A	N/A	05/03/2005	WMS1050503
Diisopropyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
tert-Amyl Methyl Ether	ND		1	5	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dichloroethane	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503
1,2-Dibromoethane (FDB)	ND		1	0.5	µg/L	N/A	N/A	05/03/2005	WMS1050503

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.1	75 - 125
Dibromofluoromethane	111	75 - 125
Toluene-d8	106	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Method: GC-MS - Gas Chromatography/Mass Spectrometry (GC/MS)

Prep Method: EPA 5030B - Purge-and-Trap for Aqueous Samples

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	25	µg/L	N/A	N/A	05/03/2005	WMS1050503

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104	75 - 125
Dibromofluoromethane	99.1	75 - 125
Toluene-d8	104	75 - 125

Analyzed by: XBian

Reviewed by: MTu

Detection Limit = Detection Limit for Reporting.

DF = Dilution and/or Prep Factor including sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

B = Analyte found in associated Method Blank.

5/4/2005 8:11:06 PM - dba

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank Liquid

QC Batch ID: DW050502

QC Batch ID Analysis Date: 5/4/2005

Method Blank		Method: EPA 8015 MOD. (Extractable)			
Parameter		Result	DF	PQLR	Units
TPH as Diesel		ND	1	50	µg/L
Surrogate for Blank	% Recovery	Control Limits			
o-Terphenyl	86.0	22 - 133			

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Laboratory Control Spike / Duplicate Results Liquid

QC Batch ID: DW050502

QC Batch ID Analysis Date: 5/4/2005

Method: EPA 8015 MOD. (Extractable)				Conc. Units: µg/L					
LCS									
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits	
TPH as Diesel	<20	1000	950	LCS	94.6			40 - 138	
TPH as Motor Oil	<90	1000	770	LCS	76.6			40 - 138	
Surrogate	% Recovery	Control Limits							
o-Terphenyl	89	22 - 133							
LCSD									
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits	
TPH as Diesel	<20	1000	1000	LCSD	103	8.7	25.0	40 - 138	
TPH as Motor Oil	<90	1000	760	LCSD	76.4	0.26	25.0	40 - 138	
Surrogate	% Recovery	Control Limits							
o-Terphenyl	88	22 - 133							

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank

Liquid

QC Batch ID: WMS1050503

Validated by: MTu - 05/04/05

QC Batch ID Analysis Date: 5/3/2005

Method Blank	Method: EPA 8260B				
Parameter	Result	DF	PQLR	Units	
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L	
1,2-Dichloroethane	ND	1	0.50	µg/L	
Benzene	ND	1	0.50	µg/L	
Diisopropyl Ether	ND	1	5.0	µg/L	
Ethyl Benzene	ND	1	0.50	µg/L	
Methyl-t-butyl Ether	ND	1	1.0	µg/L	
tert-Amyl Methyl Ether	ND	1	5.0	µg/L	
tert-Butanol (TBA)	ND	1	10	µg/L	
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L	
Toluene	ND	1	0.50	µg/L	
Xylenes, Total	ND	1	0.50	µg/L	
Surrogate for Blank	% Recovery	Control Limits			
4-Bromofluorobenzene	96.4	75 - 125			
Dibromofluoromethane	111	75 - 125			
Toluene-d8	106	75 - 125			

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Method Blank Liquid

QC Batch ID: WMS1050503

Validated by: MTu - 05/04/05

QC Batch ID Analysis Date: 5/3/2005

Method Blank		Method: GC-MS			
Parameter		Result	DF	PQLR	Units
TPH as Gasoline		ND	1	25	µg/L
Surrogate for Blank	% Recovery	Control Limits			
4-Bromofluorobenzene	103	75 - 125			
Dibromofluoromethane	99.3	75 - 125			
Toluene-d8	105	75 - 125			

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

QC Batch ID: WMS1050503

Reviewed by: MTu - 05/04/05

QC Batch ID Analysis Date: 5/3/2005

Method: EPA 8260B		Conc. Units: µg/L							
LCS									
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits	
Benzene	<0.2	20	22	LCS	108			80 - 120	
Methyl-t-butyl Ether	<0.3	20	23	LCS	116			80 - 120	
Toluene	<0.2	20	20	LCS	102			80 - 120	
Surrogate	% Recovery	Control Limits							
4-Bromofluorobenzene	96.4	75 - 125							
Dibromofluoromethane	101	75 - 125							
Toluene-d8	94.3	75 - 125							
LCSD									
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits	
Benzene	<0.2	20	21	LCSD	104	3.8	25.0	80 - 120	
Methyl-t-butyl Ether	<0.3	20	22	LCSD	110	5.7	25.0	80 - 120	
Toluene	<0.2	20	20	LCSD	100	2.0	25.0	80 - 120	
Surrogate	% Recovery	Control Limits							
4-Bromofluorobenzene	90.8	75 - 125							
Dibromofluoromethane	98.8	75 - 125							
Toluene-d8	95.6	75 - 125							
Method: GC-MS		Conc. Units: µg/L							
LCS									
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits	
TPH as Gasoline	<6	120	120	LCS	95.8			65 - 135	
Surrogate	% Recovery	Control Limits							
4-Bromofluorobenzene	103	75 - 125							
Dibromofluoromethane	93.3	75 - 125							
Toluene-d8	103	75 - 125							
LCSD									
Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits	
TPH as Gasoline	<6	120	110	LCSD	91.2	4.9	25.0	65 - 135	
Surrogate	% Recovery	Control Limits							
4-Bromofluorobenzene	103	75 - 125							
Dibromofluoromethane	94.2	75 - 125							
Toluene-d8	104	75 - 125							

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Quality Control - Matrix Spike / Duplicate Results Liquid

Reviewed by: MTu - 05/04/05

QC Batch ID: WMS1050503

Analysis Date: 5/3/2005

Method EPA 8260B		Conc. Units: µg/l.							
Parameter	Sample Result	Spike Amount	Spike Result	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
MS	SampleNumber: 43363-003								
Benzene	ND	20	19.3	MS	5/3/2005	96.5			65 - 135
Methyl-t-butyl Ether	ND	20	19.9	MS	5/3/2005	99.5			65 - 135
Toluene	ND	20	18.7	MS	5/3/2005	93.5			65 - 135
	Surrogate	% Recovery	Control Limits						
	4-Bromofluorobenzene	90.7	75 - 125						
	Dibromofluoromethane	101	75 - 125						
	Toluene-d8	97.2	75 - 125						
MSD	SampleNumber: 43363-003								
Benzene	ND	20	19.6	MSD	5/3/2005	98.0	1.5	25	65 - 135
Methyl-t-butyl Ether	ND	20	20.0	MSD	5/3/2005	100	0.5	25	65 - 135
Toluene	ND	20	19.3	MSD	5/3/2005	96.5	3.2	25	65 - 135
	Surrogate	% Recovery	Control Limits						
	4-Bromofluorobenzene	90.6	75 - 125						
	Dibromofluoromethane	99.1	75 - 125						
	Toluene-d8	97.2	75 - 125						

RM Associates

16401 Meadow Vista Drive, Suite 102
 Pioneer, CA 95666
 Main Line: (209) 295-6218
 Facsimile: (209) 295-3974

CHAIN OF CUSTODY FORM

Turnaround Standard 3 day 2-8 hr
 Time: 7 day 2 day other
 (working days) 5 day 24 hr ()

Project Name: East Avenue Services Client: Robinson Oil Corporation
 Project Number: 101-9901 Task: 3
 Global I.D.: NA
 Project Address: 4186 East Avenue, Livermore, California
 Laboratory: Entech Analytical Labs Contact: Amy
 Lab Address/Phone: (408) 588-0200 X225
 RMA Project Manager: Ronald W. Michelson
 RMA PM Ph. No.: (209) 295-7903 Email: Rmichelson@volcano.net
 RMA Sampler: Ron Michelson / J. Bauer Phone: (209) 295-6218

Analyses Requested

TPHg/BTEX/MTBE (8015M/8021)	Confirm MTBE by GC/MS	Fuel Oxygenates (8260B)	TPHd (8015M)	HVOCs (8010)	SVOC's (8270)	VOCs (8260)	PP Metals (low detect) (7000/6010)	Cyanide, Total (335.2)	TPHg/BTEX/MTBE (8015M/8260B)	TPHg/BTEX/5 Fuel Oxy's (8260B)	TPHg/BTEX/5 Fuel Oxy's/1.2 DCA & EDB (8260B)
			X								X
			X								X
			X								X
			X								X
			X								X

RMA Sample ID	Sample Information			Container Information			Field Pt. I.D. Check if same as Sample I.D.			
	Date	Time	Matrix			No.		Type	Preservative	
			Soil	Water	Vapor					
W1	4/29/05	8:25		X		3-1	VQA-1L	HCL(VQA)	✓	43367-001
W2	4/29/05	9:55		X		3-1	VQA-1L	HCL(VQA)	✓	002
W3	4/29/05	10:15		X		3-1	VQA-1L	HCL(VQA)	✓	003
W4	4/29/05	11:30		X		3-1	VQA-1L	HCL(VQA)	✓	004
W6	4/29/05	1:05		X		3-1	VQA-1L	HCL(VQA)	✓	005

Additional Comments: Invoice to Robinson Oil Corporation, 4250 Williams Road, San Jose, CA 95129 Attn. Tom Robinson, (408) 257-2222

Report to RMA

EDF Format
 Relinquished By: [Signature] Date/Time: 4/29/05 1515 Received By: [Signature] Date/Time: 4/29/05 1515
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

Sample Condition: Good? Yes No On Ice? Yes No Cooler Temp _____ Transportation Method: _____ Page _____ of _____

L:\Admin\Subsurface Group\Chain of Custody Master for ROC, revised 05/08/01