



March 15, 2001

Project 41-0236-01

Mr. Don Hwang
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Program
1131 Harbor Bay Parkway
Alameda, California 94502-6577

MAR 19 2001

SITE: QUIK STOP MARKET NO. 56
3132 BEAUMONT AVENUE
OAKLAND, CALIFORNIA

RE: QUARTERLY PROGRESS REPORT, FIRST QUARTER 2001

Dear Mr. Hwang:

Enclosed is a copy of the First Quarter 2001 Quarterly Progress Report for the property located at 3132 Beaumont Avenue in Oakland, California. This report is submitted on behalf of our client, Quik Stop Markets, Inc.

Please direct all questions and correspondence to:

Mr. Mike Karvelot
Quik Stop Markets, Inc.
4567 Enterprise Street
Fremont, California 94538
Phone: (510) 657-8500

Sincerely,

Tracy L. Walker, RG
Associate

cc: Mr. Mike Karvelot, Quik Stop Markets, Inc.



March 15, 2001

Project 41-0236-01

Mr. Mike Karvelot
Quik Stop Markets, Inc.
4567 Enterprise Street
Fremont, California 94538

SITE: QUIK STOP MARKET NO. 56
3132 BEAUMONT AVENUE
OAKLAND, CALIFORNIA

RE: QUARTERLY PROGRESS REPORT, FIRST QUARTER 2001

Dear Mr. Karvelot:

This First Quarter 2001 Progress Report presents the results of fluid level monitoring and groundwater sampling at the above-referenced site. The work at this site was performed in accordance with the requirements of the Alameda County Health Care Services Agency, Department of Environmental Health (ACDEH).

1.0 FLUID-LEVEL MONITORING

Fluid levels were measured in three monitoring wells on January 23, 2001. Groundwater elevations averaged 125.17 feet above mean sea level (MSL). Groundwater flow direction was to the southwest at a gradient of 0.093 foot-per-foot. Refer to Table 1 for fluid-level monitoring data. Figure 2 is a groundwater elevation contour map based on the fluid-level measurements. A description of fluid-level monitoring procedures is included in Appendix A.

2.0 GROUNDWATER SAMPLING

On January 23, 2001, groundwater samples were collected from three wells. Groundwater samples were submitted to a state-certified laboratory for analysis of total petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and methyl tert-butyl ether (MTBE), using EPA Methods 8015B and 8260B. Refer to Table 1 and Figure 3 for a summary of analytical results. General Field Procedures, Official Laboratory Reports and Chain of Custody Documents are included in the Appendix.

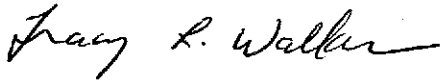
Approximately 33 gallons of purge water was generated during groundwater sampling activities conducted on January 23, 2001. The purge water was stored onsite in Department of Transportation-approved 55-gallon drums pending disposal.

3.0 LIST OF ATTACHMENTS

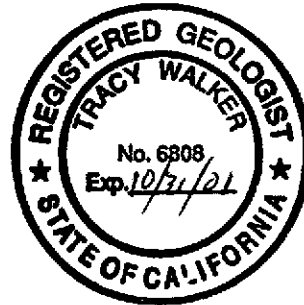
- Figure 1: Vicinity Map
- Figure 2: Groundwater Elevation Contour Map, January 23, 2001
- Figure 3: Dissolved-Phase Hydrocarbon Concentrations, January 23, 2001
- Table 1: Summary of Groundwater Levels and Chemical Analysis
- Appendix A: General Field Procedures, Official Laboratory Reports, and Chain of Custody Records

If you have any questions regarding this report, please call me at (925) 688-2476.

Sincerely,



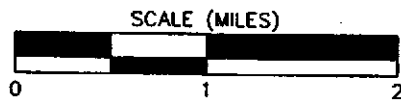
Tracy L. Walker, RG
Associate



cc: Mr. Don Hwang, Alameda County Health Care Services Agency

The ongoing project services summarized in this report have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the findings and professional opinions presented in this report. The findings are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.

FIGURES




APPROXIMATE LOCATION


SOURCE:
1998 Thomas Guide
San Francisco, Alameda and
Contra Costa Counties


VICINITY MAP	
Quik Stop No. 56 3132 Beaumont Avenue Oakland, California	
TRC	FIGURE 1

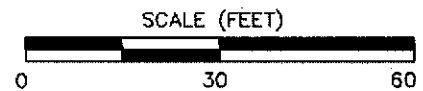
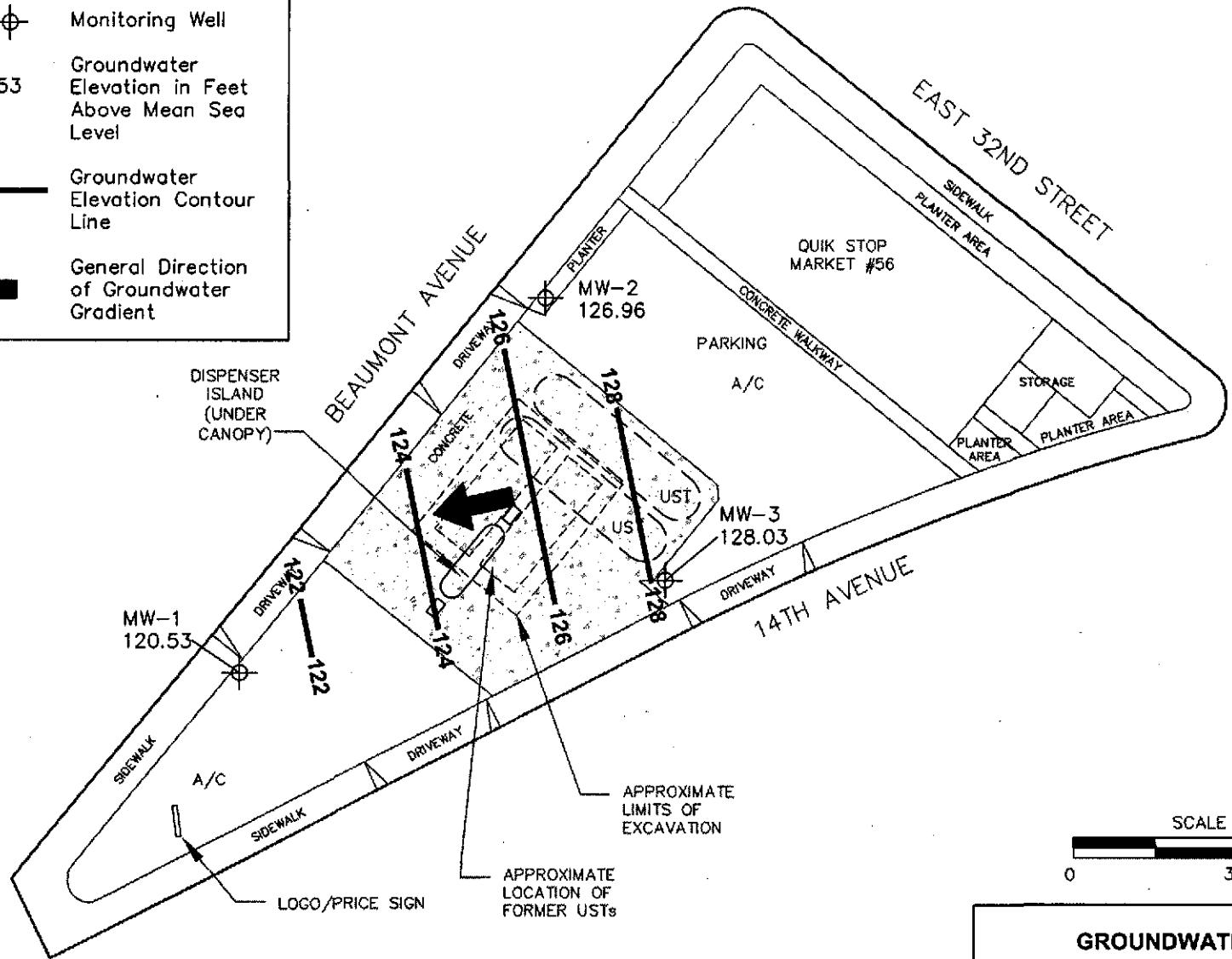
LEGEND

MW-1  Monitoring Well

120.53 Groundwater Elevation in Feet Above Mean Sea Level

128  Groundwater Elevation Contour Line

 General Direction of Groundwater Gradient



**GROUNDWATER ELEVATION
CONTOUR MAP**
 January 23, 2001
 Quik Stop No. 56
 3132 Beaumont Avenue
 Oakland, California

NOTES:
 Contour lines are interpretive based on fluid level measurements taken on January 23, 2001. Contour interval = 2 feet.

SOURCE: Client-provided drawings and Garlow, 1998.

TRC

FIGURE 2

LEGEND



Monitoring Well

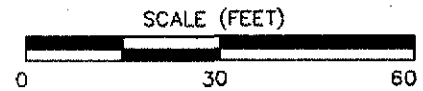
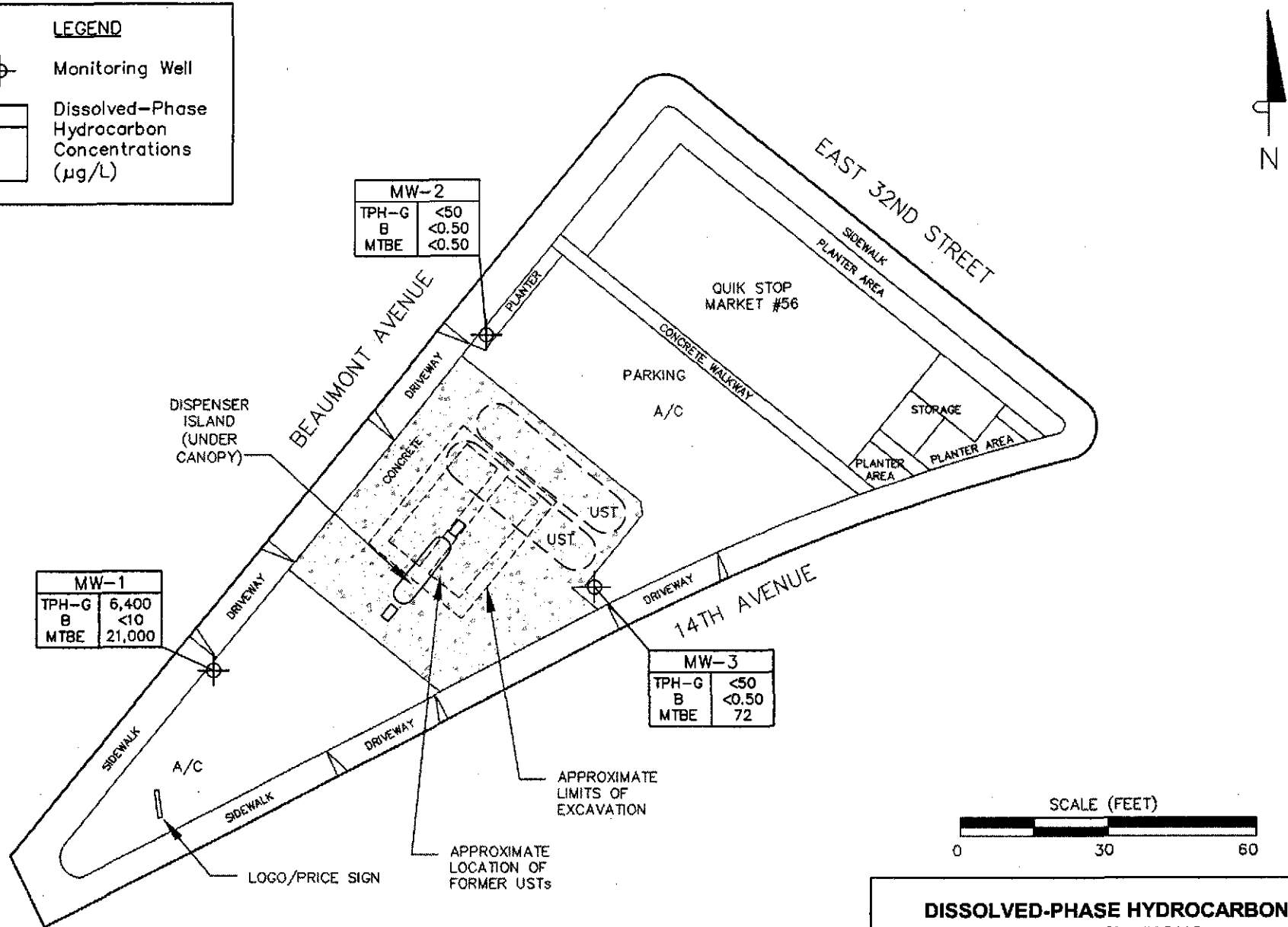
MW-1	
TPH-G	
B	
MTBE	

Dissolved-Phase Hydrocarbon Concentrations (µg/L)

MW-2	
TPH-G	<50
B	<0.50
MTBE	<0.50

MW-1	
TPH-G	6,400
B	<10
MTBE	21,000

MW-3	
TPH-G	<50
B	<0.50
MTBE	72



NOTES:

Results are based on laboratory analysis of groundwater samples collected on January 23, 2001. µg/L = micrograms per liter; TPH-G = total petroleum hydrocarbons as gasoline; B = benzene; MTBE = methyl tert butyl ether; < = not detected at or above the stated method detection limit.

SOURCE: Client-provided drawings and Garlow, 1998.

DISSOLVED-PHASE HYDROCARBON CONCENTRATIONS
January 23, 2001

Quik Stop No. 56
 3132 Beaumont Avenue
 Oakland, California

TRC

FIGURE 3

TABLE

Table 1
Summary of Groundwater Levels and Chemical Analysis
 Quik Stop No. 56 - 3132 Beaumont Avenue, Oakland

Sample ID	Date	Top of	Depth to	Groundwater	TPH-G	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE 8260	DO
		Casing Elevation		Water							
		(ft-MSL)	(feet)	(feet)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)
MW-1	03/02/00	131.58	10.33	121.25	670	<1.0	<1.0	<1.0	<1.0	2,200	0.62
MW-1	11/16/00	131.58	11.86	119.72	<500	<0.5	<0.5	<0.5	<0.5	18,000	0.34
MW-1	01/23/01	131.58	11.05	120.53	6,400	<10	<10	<10	<10	21,000	0.83
MW-2	03/02/00	132.63	5.88	126.75	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.45
MW-2	11/16/00	132.63	6.40	126.23	<50	<0.5	<0.5	<0.5	<0.5	<1.0	1.67
MW-2	01/23/01	132.63	5.67	126.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.20
MW-3	03/02/00	133.78	6.41	127.37	<50	<0.50	<0.50	<0.50	<0.50	0.96	0.90
MW-3	11/16/00	133.78	6.46	127.32	<50	<0.5	<0.5	<0.5	<0.5	24	3.91
MW-3	01/23/01	133.78	5.75	128.03	<50	<0.50	<0.50	<0.50	<0.50	72	1.47

NOTES: ft-MSL = feet above mean sea level
 µg/L = micrograms per liter
 mg/L = milligrams per liter
 TPH-G = total petroleum hydrocarbons as gasoline
 MTBE = methyl tert butyl ether
 DO = dissolved oxygen
 < = not detected at or above the stated detection limit

APPENDIX A

**GENERAL FIELD PROCEDURES, OFFICIAL LABORATORY REPORTS, AND
CHAIN OF CUSTODY RECORDS**

GENERAL FIELD PROCEDURES

General field procedures used during fluid-level monitoring and groundwater sampling activities are described below.

FLUID-LEVEL MONITORING

Fluid levels are monitored in the wells using an electronic interface probe with conductance sensors. The presence of liquid-phase hydrocarbons is verified using a hydrocarbon-reactive paste. The depth to liquid-phase hydrocarbons and water is measured relative to the well box top or top of casing. Well box or casing elevations are surveyed to within 0.02 foot relative to a county or city benchmark.

GROUNDWATER SAMPLING

Groundwater monitoring wells are purged and sampled in accordance with standard regulatory protocol. Typically, monitoring wells that contain no liquid-phase hydrocarbons are purged of groundwater prior to sampling so that fluids sampled are representative of fluids within the formation. Temperature, pH, and specific conductance are typically measured after each well casing volume has been removed. Purging is considered complete when these parameters vary less than 10% from the previous readings, or when four casing volumes of fluid have been removed. Samples are collected without further purging if the well does not recharge within 2 hours to 80% of its volume before purging.

The purged water is stored in labeled drums prior to transport to an appropriate treatment or recycling facility. If an automatic recovery system (ARS) is operating at the site, purged water may be pumped into the ARS for treatment.

Groundwater samples are collected by lowering a 1.5-inch-diameter, bottom-fill, disposable polyethylene bailer just below the static water level in the well. The samples are carefully transferred from the check-valve-equipped bailer to 1-liter and 40-milliliter glass containers. The sample containers are filled to zero headspace and fitted with Teflon-sealed caps. Each sample is labeled with the project number, well number, sample date, and sampler's initials. Samples remain chilled at approximately 4°C prior to analysis by a state-certified laboratory.

TRC/Alton Geoscience, Northern California Operations
GROUND WATER SAMPLING FIELD NOTES

Site: QS 56 Project No.: _____ Sampled By: _____ Date: 1/23/01

Well No. MW-2 Purge Method: 2" sub
 Total Depth (feet) 29.10 Depth to Product (feet): _____
 Depth to Water (feet): 5.67 Product Recovered (gallons): _____
 Water Column (feet): 24.03 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 10.48 1 Well Volume (gallons): 3.84

Well No. MW-1 Purge Method: 2" sub
 Total Depth (feet) 29.81 Depth to Product (feet): _____
 Depth to Water (feet): 11.05 Product Recovered (gallons): _____
 Water Column (feet): 18.76 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 14.80 1 Well Volume (gallons): 3.00

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
9:39				1.53	67.6	6.82
				1.57	67.7	6.60
	9:45			1.56	66.9	6.59
Total Purged			12.0	Time Sampled		

Comments: _____
 Turbidity= _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
10:00				1.20	70.5	6.89
				1.31	70.6	6.82
	10:05			1.40	71.0	7.02
Total Purged			9	Time Sampled		

Comments: _____
 Turbidity= _____

Well No. MW-3 Purge Method: 2" sub
 Total Depth (feet) 31.06 Depth to Product (feet): _____
 Depth to Water (feet): 5.75 Product Recovered (gallons): _____
 Water Column (feet): 25.31 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 9.81 1 Well Volume (gallons): 4.04

Well No. _____ Purge Method: _____
 Total Depth (feet) _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
10:16				1.73	70.1	6.96
				1.84	69.6	7.00
	10:22			1.91	68.5	7.14
Total Purged			12	Time Sampled		

Comments: _____
 Turbidity= _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
Total Purged				Time Sampled		

Comments: _____
 Turbidity= _____

Well No. _____ Purge Method: _____
 Total Depth (feet) _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Well No. _____ Purge Method: _____
 Total Depth (feet) _____ Depth to Product (feet): _____
 Depth to Water (feet): _____ Product Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): _____
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
Total Purged				Time Sampled		

Comments: _____
 Turbidity= _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH
Total Purged				Time Sampled		

Comments: _____
 Turbidity= _____



Alpha Analytical, Inc.
255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

TRC Environmental Solutions/Alton Geoscien
5052 Commercial Cir.
Concord, CA 94520

Job#: Quick Stop 56 #41023601
Phone: (925) 688-1200
Attn: Tracy Walker

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method 8015B/DHS LUFT Manual
Volatile Organic Compounds (VOCs) EPA Method 8260B

	Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	TPH Purgeable	6,400	2,500 µg/L	01/23/01	01/25/01
MW1	Methyl tert-butyl ether (MTBE)	21,000	10 µg/L	01/23/01	01/25/01
Lab ID :	Benzene	ND V	10 µg/L	01/23/01	01/25/01
TRC01012420-01A	Toluene	ND V	10 µg/L	01/23/01	01/25/01
	Ethylbenzene	ND V	10 µg/L	01/23/01	01/25/01
	Xylenes, Total	ND V	10 µg/L	01/23/01	01/25/01
Client ID :	TPH Purgeable	ND	50 µg/L	01/23/01	01/25/01
MW2	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/23/01	01/25/01
Lab ID :	Benzene	ND	0.50 µg/L	01/23/01	01/25/01
TRC01012420-02A	Toluene	ND	0.50 µg/L	01/23/01	01/25/01
	Ethylbenzene	ND	0.50 µg/L	01/23/01	01/25/01
	Xylenes, Total	ND	0.50 µg/L	01/23/01	01/25/01
Client ID :	TPH Purgeable	ND	50 µg/L	01/23/01	01/25/01
MW3	Methyl tert-butyl ether (MTBE)	72	0.50 µg/L	01/23/01	01/25/01
Lab ID :	Benzene	ND	0.50 µg/L	01/23/01	01/25/01
TRC01012420-03A	Toluene	ND	0.50 µg/L	01/23/01	01/25/01
	Ethylbenzene	ND	0.50 µg/L	01/23/01	01/25/01
	Xylenes, Total	ND	0.50 µg/L	01/23/01	01/25/01

Reported in micrograms per liter, per client request.

V = Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Approved By:

Roger L. Scholl, Ph.D.
Laboratory Director

Date: 2/6/01

Billing Information :

CHAIN-OF-CUSTODY RECORD

Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : TRC01012420

CA

Client:

TRC Environmental Solutions/Alton Geoscience
5052 Commercial Cir.

Company Phone/Fax

TEL : (925) 688-1200
FAX : (925) 688-0388

Secondary Phone/Fax

TEL : (925) 688-1200
FAX : (925) 688-0388

Report Due By : 5:00 PM On : 07-Feb-01

EDD Required : No

Sampled by : Client

Concord, CA 94520

Job : Quick Stop 56 #41023601

PO :

Client's COC # : none

Cooler Temp : °C

24-Jan-01

Report Attention : Tracy Walker

CC Report :

QC Level : 1 = Final Rpt Only

Alpha Sample ID	Client Sample ID	Collection Matrix	Collection Date	No. of Bottles				Requested Tests		Sample Remarks
				ORG	SUB	TAT	PWS #	TPH/P_W	VOC_W	
TRC01012420-01A	MW1	AQ	01/23/01 10:10	3	0	10		BTXE/GAS/ Mibe	BTXE/GAS/ Mibe	
TRC01012420-02A	MW2	AQ	01/23/01 10:00	3	0	10		BTXE/GAS/ Mibe	BTXE/GAS/ Mibe	
TRC01012420-03A	MW3	AQ	01/23/01 11:11	3	0	10		BTXE/GAS/ Mibe	BTXE/GAS/ Mibe	

Comments: Security seals intact, ice frozen. California samples. Site location=3132 Beaumont. Water RLs in ug/L.:

Received by:	<u>Graciela Navarrete</u>	Signature	<u>G. Navarrete</u>	Print Name	Alpha Analytical, Inc.	Company	<u>1/24/01 9:45</u>	Date/Time
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NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

